

# **RSA<sup>®</sup> Authentication Manager 8.1 Hardware Appliance SNMP Reference Guide**



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Go to the RSA corporate website for regional Customer Support telephone and fax numbers:  
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# Preface

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## About This Guide

This guide is for administrators who are configuring Simple Network Management Protocol (SNMP) to monitor an instance of RSA® Authentication Manager. This guide describes the Management Information Base (MIB) objects that are supported by Authentication Manager and a Dell-based hardware appliance.

This guide is for trusted personnel only. Do not make this guide available to the general user population.

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## RSA® Authentication Manager 8.1 Documentation

For information about RSA Authentication Manager 8.1, see the following documentation. RSA recommends that you store the product documentation in a location on your network that is accessible to administrators.

**Release Notes.** Describes what is new and changed in this release, as well as workarounds for known issues.

**Hardware Appliance Getting Started.** Describes how to deploy a hardware appliance and perform the Authentication Manager Quick Setup process.

**Virtual Appliance Getting Started.** Describes how to deploy a virtual appliance and perform the Authentication Manager Quick Setup process.

**Planning Guide.** Describes the high-level architecture of Authentication Manager and how it integrates with your network.

**Setup and Configuration Guide.** Describes how to set up and configure Authentication Manager.

**Administrator's Guide.** Provides an overview of Authentication Manager and its features. Describes how to configure the system and perform a wide range of administration tasks, including manage users and security policies.

**Help Desk Administrator's Guide.** Provides instructions for the most common tasks that a Help Desk Administrator performs on a day-to-day basis.

**Hardware Appliance SNMP Reference Guide.** Describes how to configure Simple Network Management Protocol (SNMP) to monitor an instance of Authentication Manager on a hardware appliance.

**Virtual Appliance SNMP Reference Guide.** Describes how to configure Simple Network Management Protocol (SNMP) to monitor an instance of Authentication Manager on a virtual appliance.

**Troubleshooting Guide.** Describes the most common error messages in RSA Authentication Manager and provides the appropriate actions to troubleshoot each event.

**Developer's Guide.** Provides information about developing custom programs using the RSA Authentication Manager application programming interfaces (APIs). Includes an overview of the APIs and Javadoc for Java APIs.

**Performance and Scalability Guide.** Describes what to consider when tuning your deployment for optimal performance.

**6.1 to 8.1 Migration Guide.** Describes how to migrate from an RSA Authentication Manager 6.1 deployment to an RSA Authentication Manager 8.1 deployment.

**7.1 to 8.1 Migration Guide: Migrating to a New Hardware Appliance or Virtual Appliance.** Describes how to migrate from an RSA Authentication Manager 7.1 deployment to an RSA Authentication Manager 8.1 deployment on a new hardware appliance or virtual appliance.

**7.1 to 8.1 Migration Guide: Upgrading RSA SecurID Appliance 3.0 on Existing Hardware.** Describes how to migrate from an RSA Authentication Manager 7.1 deployment to an RSA Authentication Manager 8.1 deployment on existing, supported RSA SecurID Appliance 3.0 hardware.

**Security Console Help.** Describes day-to-day administration tasks performed in the Security Console.

**Operations Console Help.** Describes configuration and setup tasks performed in the Operations Console.

**Self-Service Console Help.** Describes how to use the Self-Service Console. To view the Help, on the **Help** tab in the Self-Service Console, click **Self-Service Console Help**.

**RSA Token Management Snap-In Help.** Describes how to use software that works with the Microsoft Management Console (MMC) for deployments that have an Active Directory identity source. Using this snap-in, you can enable or disable a token, assign a token, or perform other token-related tasks without logging on to the Security Console.

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## Related Documentation

**RADIUS Reference Guide.** Describes the usage and settings for the initialization files, dictionary files, and configuration files used by RSA RADIUS.

**Security Configuration Guide.** Describes the security configuration settings available in RSA Authentication Manager. It also describes secure deployment and usage settings, secure maintenance, and physical security controls.

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## Support and Service

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RSA SecurCare Online	<a href="https://knowledge.rsasecurity.com">https://knowledge.rsasecurity.com</a>
Customer Support Information	<a href="http://www.emc.com/support/rsa/index.htm">www.emc.com/support/rsa/index.htm</a>
RSA Solution Gallery	<a href="https://gallery.emc.com/community/marketplace/rsa?view=overview">https://gallery.emc.com/community/marketplace/rsa?view=overview</a>

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RSA SecurCare Online offers a knowledgebase that contains answers to common questions and solutions to known problems. It also offers information on new releases, important technical news, and software downloads.

The RSA Solution Gallery provides information about third-party hardware and software products that have been certified to work with RSA products. The gallery includes Secured by RSA Implementation Guides with step-by-step instructions and other information about interoperation of RSA products with these third-party products.

## Before You Call Customer Support

Please have the following information available when you call:

- Access to the RSA Authentication Manager appliance.
- Your license serial number. To locate the license serial number, do one of the following:
  - Look at the order confirmation e-mail that you received when you ordered the product. This e-mail contains the license serial number.
  - Log on to the Security Console, and click **License Status**. Click **View Installed License**.
- The Authentication Manager appliance software version information. You can find this information in the top, right corner of the Quick Setup, or in the Security Console. Log on to the Security Console, and click **Software Version Information**.





# 1

## RSA Authentication Manager SNMP

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### SNMP Overview

SNMP is a protocol used to manage systems on computer networks. It exposes management data in the form of variables, which can be queried by remote applications. These variables are read-only. RSA Authentication Manager does not support SNMP sets.

If you use a network management system (NMS) and SNMP, you can configure Authentication Manager to send data, called traps, to the NMS and to accept requests, called GETS, from the NMS. The NMS uses this data to compile statistics for Management Information Base (MIB) objects. You can use a MIB browser to view these statistics.

Authentication Manager supports SNMP v3.

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### Differences Between SNMP GETS and Traps

Authentication Manager sends an SNMP GET when the NMS requests specific information from it. You configure the data that you want the NMS to request. For example, the NMS might request the number of successful authentications in the form of a GET. In response, Authentication Manager sends the total number of successful authentications since the server was started.

SNMP traps allow you to use the NMS to monitor error events occurring within Authentication Manager. When an error event occurs, Authentication Manager sends a notification to the NMS. You can configure the NMS to receive these notifications. Notifications can be intercepted and filtered based on the data sent in the trap message (severity, for example). For information on how to interpret the trap message, see [Object Identifier Structure for SNMP Traps](#) on page 11.

GETS and traps differ in two ways:

- A GET is information that is requested, whereas a trap is information that is sent automatically.
- A GET contains aggregate data, and can obtain a single value, or a tree of values. A trap is an individual piece of data.

For example, suppose, Authentication Manager is configured to send notifications for each successful authentication. If 100 successful authentications occur, 100 trap messages are sent. If you request a GET for successful authentications, you will receive one message showing a value of 100.

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**Note:** Authentication Manager does not support puts.

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## SNMP Configuration

You can configure SNMP GETS and traps using the Security Console. An SNMP agent is embedded in Authentication Manager, and responds to requests from the NMS. The agent can be enabled or disabled during configuration.

To request Authentication Manager data, you must download the Authentication Manager management information base objects (MIB) files from the Security Console, and load them in a MIB browser. For more information on configuring Authentication Manager and downloading MIB files, see the chapter “Logging and Reporting” in the *Administrator’s Guide*.

There is a separate set of hardware-specific MIBs that you can use to monitor an RSA Authentication Manager physical appliance. For more information, see Chapter 2, [Management Information Base Objects for SNMP for the Hardware Appliance](#).

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## Interpreting RSA Authentication Manager SNMP Values

Database-related SNMP GETS obtain values only from the internal database, not from external identity sources. For example, suppose an external identity source contains 2000 users and the internal database contains 1000 users. A GET for the total number of users returns a value of 1000.

When SNMP performs a GET to retrieve the total number of policies for a specific type of policy, the system default policy is included in the total, despite the fact that you do not see the default policy in the Security Console. For example, if the Security Console displays three password policies, the GET request returns a total of four policies, because it counts the system default policy.

The PerSec values used in the GETS are calculated over a recent, limited period of time, and not from the time of starting Authentication Manager. For example, the `amApsRateSampleTimeS` value defines the number of seconds over which the `amApsAuthReqPerSec` data is sampled. The `amApsAuthReqPerSec` value is not calculated since startup, but is a dynamic calculation over the last `amApsRateSampleTimeS` seconds.

## Object Identifier Structure for SNMP Traps

SNMP trap messages sent by Authentication Manager to the network management filter use a root-level object identifier (OID) structure that describes the cause of the trap notification. You can configure the NMS to filter trap messages based on this data. You do not have to open the trap message to understand details of the notification.

The root-level OID consists of four segments, as shown in the following table.

OID Value	Description
1.3.6.1.4.1.2197.20	Indication that this is an Authentication Manager trap messages
<ul style="list-style-type: none"> <li>• 28 - Administrator event</li> <li>• 29 - Authentication event</li> <li>• 30 - System event</li> </ul>	Log event type
<ul style="list-style-type: none"> <li>• 1 - Error</li> <li>• 2 - Warning</li> <li>• 3 - Information (Success)</li> </ul>	Severity level
Five digit numerical value corresponding to the action that the trap is monitoring	Action ID

For example, the following root-level OID indicates that a user was successfully deleted:

1.3.6.1.4.1.2197.20.28.3.10054

Where:

- **1.3.6.1.4.1.2197.20** indicates that this is an Authentication Manager trap
- **28** indicates that this trap is for an administrator event
- **3** indicates that the severity level is Success
- **10054** is the action ID of the DELETE\_PRINCIPAL action key.

The *RSA Authentication Manager 8.1 Troubleshooting Guide* provides troubleshooting steps for commonly occurring error messages, and a list of all action IDs and corresponding action keys and log messages.

## Management Information Base Objects for SNMP GETS

The Authentication Manager MIB file contains the following MIB objects. Use these MIB objects for GETS, to collect aggregate and real-time data relating to the performance of Authentication Manager. You can view these objects and their corresponding statistics in a MIB browser.

### Agent Protocol Service

The following table lists the MIB objects for the available agent protocol service.

MIB Object	OID	Description
amApsPacketsTotal	.1.3.6.1.4.1.2197.30.1.1	Total number of legacy (UDP) packets sent and received.
amApsPacketsPerSec	.1.3.6.1.4.1.2197.30.1.2	Average number of packets sent and received per second.
amApsAuthReqsTotal	.1.3.6.1.4.1.2197.30.1.3	Total number of legacy (UDP) requests.
amApsAuthReqPerSec	.1.3.6.1.4.1.2197.30.1.4	Average number of authentication requests received per second.
amApsAuthFailTotal	.1.3.6.1.4.1.2197.30.1.4	Total number of authentication requests that were unsuccessful.
amApsAuthFailPerSec	.1.3.6.1.4.1.2197.30.1.6	Average number of authentication request failures per second.
amApsAuthOkTotal	.1.3.6.1.4.1.2197.30.1.7	Total number of authentication requests that succeeded.
amApsAuthOkPerSec	.1.3.6.1.4.1.2197.30.1.8	Average number of successful authentication requests per second.
amApsNewPinTotal	.1.3.6.1.4.1.2197.30.1.9	Total number of new PIN authentications processed.
amApsNextTokencodeTotal	.1.3.6.1.4.1.2197.30.1.10	Total number of next tokencode authentications processed.
amApsTransactionQueue Capacity	.1.3.6.1.4.1.2197.30.1.11	This value is for use by RSA. It is intended for diagnostic and troubleshooting purposes only. Capacity of the queue that holds transactions that were processed, but not yet committed.

MIB Object	OID	Description
amApsAuthThreads	.1.3.6.1.4.1.2197.30.1.12	This value is for use by RSA. It is intended for diagnostic and troubleshooting purposes only. Total number of threads available to process authentications through the authentication broker.
amApsDupPacketSet Capacity	.1.3.6.1.4.1.2197.30.1.13	This value is for use by RSA. It is intended for diagnostic and troubleshooting purposes only. Capacity of the set of packets that the APS holds to respond to previous responses requests.
amApsDupPacketReqsTotal	.1.3.6.1.4.1.2197.30.1.14	This value is for use by RSA. It is intended for diagnostic and troubleshooting purposes only. Total number of duplicate responses the APS sent due to UDP packet transmission errors.
amApsAuthRoundTripMax TimeMS	.1.3.6.1.4.1.2197.30.1.15	This value is for use by RSA. It is intended for diagnostic and troubleshooting purposes only. Maximum time to send or receive an authentication request or response.
amApsAuthRoundTripMin TimeMS	.1.3.6.1.4.1.2197.30.1.16	This value is for use by RSA. It is intended for diagnostic and troubleshooting purposes only. Maximum time to send or receive an authentication request or response.
amApsAuthRoundTripAvg TimeMS	.1.3.6.1.4.1.2197.30.1.17	This value is for use by RSA. It is intended for diagnostic and troubleshooting purposes only. Average time to send or receive an authentication request or response.
amApsRateSampleTimeS	.1.3.6.1.4.1.2197.30.1.18	Interval over which all rate-based values are sampled, in seconds.

MIB Object	OID	Description
amApsPacketProcAbort ExceptionTotal	.1.3.6.1.4.1.2197.30.1.19	Total number of requests for which the APS aborted handling due to packet processing exceptions.
amApsPacketProcAbort AgentNotFoundTotal	.1.3.6.1.4.1.2197.30.1.20	Total number of requests for which the APS aborted handling because the sending agent was not found.

### Agent Auto-Registration

The following table lists the MIB objects available for agent auto-registration. All values are for use by RSA and are intended for diagnostic and troubleshooting purposes only.

MIB Object	OID	Description
amAarReqsTotal	.1.3.6.1.4.1.2197.30.2.1	Total number of agent auto-registration requests.
amAarReqsOkTotal	.1.3.6.1.4.1.2197.30.2.1	Total number of auto-registrations successfully processed.
amAarReqsFailTotal	.1.3.6.1.4.1.2197.30.2.3	Total number of auto-registration failures.
amAarReqsPerSec	.1.3.6.1.4.1.2197.30.2.4	Average number of auto-registration requests per second.
amAarReqMaxTimeMS	.1.3.6.1.4.1.2197.30.2.4	Maximum time spent processing an agent registration.
amAarReqAvgTimeMS	.1.3.6.1.4.1.2197.30.2.6	Average time spent processing an agent registration.
amAarRateSampleTimeS	.1.3.6.1.4.1.2197.30.2.7	Interval over which all rate-based values are sampled, in seconds.

## Offline Authentication

The following table lists the available MIB objects for offline authentication. All values are for use by RSA and are intended for diagnostic and troubleshooting purposes only.

MIB Object	OID	Description
amOaReqsTotal	.1.3.6.1.4.1.2197.30.3.1	Total number of offline authentication data requests processed.
amOaReqsFailTotal	.1.3.6.1.4.1.2197.30.3.2	Total number of offline authentication data request failures.
amOaLogEventsTotal	.1.3.6.1.4.1.2197.30.3.3	Total number of log events that have been uploaded by agent hosts.
amOaPasswordUpdatesTotal	.1.3.6.1.4.1.2197.30.3.4	Total number of password update requests that have been sent by agent hosts.
amOaDayfileAvgPerReq	.1.3.6.1.4.1.2197.30.3.5	Average number of day files downloaded in response to each request.
amOaDayfileReqs	.1.3.6.1.4.1.2197.30.3.5	Total number of agent data recharge requests processed (from agents that performed an offline authentication and later established a connection).
amOaDayfileMaxTimeMS	.1.3.6.1.4.1.2197.30.3.7	Maximum time the day file generation service took to generate a single day file.
amOaServerListReqsTotal	.1.3.6.1.4.1.2197.30.3.8	Total number of server list requests processed.
amOaAuthVerificationsTotal	.1.3.6.1.4.1.2197.30.3.9	Total number of agent authentication verification requests processed.
amOaRateSampleTimeS	.1.3.6.1.4.1.2197.30.3.10	Interval over which all rate-based values are sampled, in seconds.

## Adjudicator

The following table lists the MIB objects available for adjudication. All values are for use by RSA. They are intended for diagnostic and troubleshooting purposes only.

MIB Object	OID	Description
amAdjLocalTotal	.1.3.6.1.4.1.2197.30.4.1	Total number of locally processed adjudications.
amAdjRemoteTotal	.1.3.6.1.4.1.2197.30.4.2	Total number of adjudications sent to remote systems for processing.

MIB Object	OID	Description
amAdjLocalFailTotal	.1.3.6.1.4.1.2197.30.4.3	Total number of local adjudications that were denied due to adjudication violations.
amAdjRemoteFailTotal	.1.3.6.1.4.1.2197.30.4.4	Total number of remote adjudications that were denied due to adjudication violations.
amAdjLocalPerSec	.1.3.6.1.4.1.2197.30.4.5	Total number of locally processed adjudications processed per second.
amAdjRemoteRespMax TimeMS	.1.3.6.1.4.1.2197.30.4.6	Maximum time spent processing a remote adjudication.
amAdjRemoteRespMax TimeIP	.1.3.6.1.4.1.2197.30.4.7	IP address of the adjudicator that resulted in the maximum adjudication time.
amAdjRemoteRespAvg TimeMS	.1.3.6.1.4.1.2197.30.4.8	Average time spent processing a remote adjudication.
amAdjRateSample TimeS	.1.3.6.1.4.1.2197.30.4.9	Interval over which all rate-based values are sampled, in seconds.

## Database

The following table lists the MIB objects available for the database.

**Note:** Authentication Manager currently only supports a single node per instance.

MIB Object	OID	Description
amDbUsersTotal	.1.3.6.1.4.1.2197.30.5.1	Total number of users.
amDbUserAttrDefsTotal	.1.3.6.1.4.1.2197.30.5.2	Total number of user attribute definitions.
amDbUserAttrsTotal	.1.3.6.1.4.1.2197.30.5.3	Total number of user attributes.
amDbUserAliasesTotal	.1.3.6.1.4.1.2197.30.5.4	Total number of user aliases.
amDbTrustedUsersTotal	.1.3.6.1.4.1.2197.30.5.5	Total number of trusted users.
amDbTrustedUserGroups Total	.1.3.6.1.4.1.2197.30.5.6	Total number of trusted user groups.
amDbTrustedUserGroup MembershipsTotal	.1.3.6.1.4.1.2197.30.5.7	Total number of trusted user group memberships.



MIB Object	OID	Description
amDbTrustedUserGroupAgentMembershipsTotal	.1.3.6.1.4.1.2197.30.5.8	Total number of trusted user group agent memberships.
amDbRealmsTotal	.1.3.6.1.4.1.2197.30.5.9	Total number of realms.
amDbOfflineAuthPoliciesTotal	.1.3.6.1.4.1.2197.30.5.10	Total number of offline authentication policies.
amDbTokenPoliciesTotal	.1.3.6.1.4.1.2197.30.5.11	Total number of token policies.
amDbPasswordPoliciesTotal	.1.3.6.1.4.1.2197.30.5.12	Total number of password policies.
amDbAuthGradesTotal	.1.3.6.1.4.1.2197.30.5.13	Total number of authentication grades.
amDbAuthLockoutPoliciesTotal	.1.3.6.1.4.1.2197.30.5.14	Total number of authentication lockout policies.
amDbEmergencyAuthPoliciesTotal	.1.3.6.1.4.1.2197.30.5.15	Total number of emergency authentication policies.
amDbAuthQuestionsPoliciesTotal	.1.3.6.1.4.1.2197.30.5.16	Total number of authentication questions policies.
amDbRadiusPoliciesTotal	.1.3.6.1.4.1.2197.30.5.17	Total number of RADIUS policies.
amDbTokensTotal	.1.3.6.1.4.1.2197.30.5.18	Total number of tokens.
amDbGroupsWithTimeRestrictionsTotal	.1.3.6.1.4.1.2197.30.5.19	Total number of groups with time restrictions.
amDbUnassignedTokensTotal	.1.3.6.1.4.1.2197.30.5.20	Total number of unassigned tokens.
amDbDisabledTokensTotal	.1.3.6.1.4.1.2197.30.5.21	Total number of disabled tokens.
amDbTokenAttrDefsTotal	.1.3.6.1.4.1.2197.30.5.22	Total number of token attribute definitions.
amDbTokenAttrsTotal	.1.3.6.1.4.1.2197.30.5.23	Total number of token attributes.
amDbTokenReplacementsTotal	.1.3.6.1.4.1.2197.30.5.24	Total number of token replacements.
amDbAgentsTotal	.1.3.6.1.4.1.2197.30.5.25	Total number of agents.
amDbUnrestrictedAgentsTotal	.1.3.6.1.4.1.2197.30.5.26	Total number of unrestricted agents.
amDbAgentAlternateAddressesTotal	.1.3.6.1.4.1.2197.30.5.27	Total number of agent alternate addresses.
amDbInstancesTotal	.1.3.6.1.4.1.2197.30.5.28	Total number of instances.

MIB Object	OID	Description
amDbInstanceNodesTotal	.1.3.6.1.4.1.2197.30.5.29	Total number of instance nodes.
amDbNodeAliasesTotal	.1.3.6.1.4.1.2197.30.5.30	Total number of node aliases.
amDbManualServerLists Total	.1.3.6.1.4.1.2197.30.5.31	Total number of manual server lists.
amDbRadiusServersTotal	.1.3.6.1.4.1.2197.30.5.32	Total number of RADIUS servers.
amDbRadiusClientsTotal	.1.3.6.1.4.1.2197.30.5.33	Total number of RADIUS clients.
amDbRadiusProfilesTotal	.1.3.6.1.4.1.2197.30.5.34	Total number of RADIUS profiles.
amDbRadiusAgentProfiles Total	.1.3.6.1.4.1.2197.30.5.35	Total number of RADIUS agent profiles.
amDbCtkipAuthzCodesTotal	.1.3.6.1.4.1.2197.30.5.36	Total number of CT-KIP authorization codes.

## RADIUS and EAP-32

The following table lists the MIB objects available for RADIUS and EAP-32.

MIB Object	OID	Description
amV5RadiusAuthTotal	.1.3.6.1.4.1.2197.30.6.1	Total number of authentication requests with RADIUS profile secondary segments.
amV5EapAuthTotal	.1.3.6.1.4.1.2197.30.6.2	Total number of authentication requests using an EAP-32 credential.
amV5EapAuthOkTotal	.1.3.6.1.4.1.2197.30.6.3	Total number of successful authentications using an EAP-32 credential.

## Remote Realm Authentication

The following table lists the MIB objects available for remote realm authentication

MIB Object	OID	Description
amTrAuthHomeTotal	.1.3.6.1.4.1.2197.30.7.1	Total number of remote realm authentications where the home realm is in this deployment.
amTrAuthHomeFailTotal	.1.3.6.1.4.1.2197.30.7.2	Total number of remote realm authentication requests that were unsuccessful where the home realm is in this deployment.
amTrAuthHomeOkTotal	.1.3.6.1.4.1.2197.30.7.3	Total number of remote realm authentication requests that succeeded where the home realm is in this deployment.

MIB Object	OID	Description
amTrAuthRemoteTotal	.1.3.6.1.4.1.2197.30.7.4	Total number of remote realm authentications where the remote realm is in this deployment.
amTrAuthRemoteFail Total	.1.3.6.1.4.1.2197.30.7.5	Total number of remote realm authentication requests that were unsuccessful where the remote realm is in this deployment.
amTrAuthRemoteOk Total	.1.3.6.1.4.1.2197.30.7.6	Total number of remote realm authentication requests that succeeded where the remote realm is in this deployment.
amTrRespMaxTimeMS	.1.3.6.1.4.1.2197.30.7.7	This value is for use by RSA. It is intended for diagnostic and troubleshooting purposes only. Maximum time for the home realm to respond to an authentication request from the remote realm.
amTrRespAvgTimeMS	.1.3.6.1.4.1.2197.30.7.8	This value is for use by RSA. It is intended for diagnostic and troubleshooting purposes only. Average time for the home realm to respond to an authentication request from the remote realm.
amTrUsersDiscovered Total	.1.3.6.1.4.1.2197.30.7.9	This value is for use by RSA. It is intended for diagnostic and troubleshooting purposes only. Total number of trusted users discovered.
amTrRadiusAuthReqs Total	.1.3.6.1.4.1.2197.30.7.10	This value is for use by RSA. It is intended for diagnostic and troubleshooting purposes only. Total number of trusted realm authentication requests that used RADIUS from a remote realm in this deployment.
amTrEapAuthReqsTotal	.1.3.6.1.4.1.2197.30.7.11	This value is for use by RSA. It is intended for diagnostic and troubleshooting purposes only. Total number of trusted realm authentication requests that used EAP-32 to a home realm in this deployment.
amTrRateSampleTimeS	.1.3.6.1.4.1.2197.30.7.12	Interval over which all rate-based values are sampled, in seconds.

## On-Demand Tokencodes

The following table lists the MIB objects available for on-demand tokencodes.

MIB Object	OID	Description
amOttTokencodeReqsTotal	.1.3.6.1.4.1.2197.30.8.1	Total number of on-demand tokencode requests.
amOttAuthReqsTotal	.1.3.6.1.4.1.2197.30.8.2	Total number of authentication requests using on-demand tokencodes.
amOttSmsProvider	.1.3.6.1.4.1.2197.30.8.3	Name of the SMS provider the deployment is configured to use.
amOttMsgsSmsTotal	.1.3.6.1.4.1.2197.30.8.4	Total number of on-demand tokencode messages using SMS for transport.
amOttMsgsSmsPerSec	.1.3.6.1.4.1.2197.30.8.5	Average on-demand tokencode messages using SMS for transport.
amOttMsgsSmtptotal	.1.3.6.1.4.1.2197.30.8.6	Total number of on-demand tokencode messages using SMTP for transport.
amOttMsgsSmtptPerSec	.1.3.6.1.4.1.2197.30.8.7	Average on-demand tokencode messages using SMTP for transport.
amOttMsgsSmtptGatewayPercent	.1.3.6.1.4.1.2197.30.8.8	This value is for use by RSA. It is intended for diagnostic and troubleshooting purposes only. Estimated percentage of SMTP messages sent to what appears to be an SMTP-to-SMS gateway. If the part of the e-mail address before the at sign (@) is only digits, it is assumed to be an SMTP-to-SMS gateway.
amOttAuthAttemptsPerSec	.1.3.6.1.4.1.2197.30.8.9	This value is for use by RSA. It is intended for diagnostic and troubleshooting purposes only. Average number of authentication requests per second.
amOttAuthAttemptsSecurIDPercent	.1.3.6.1.4.1.2197.30.8.10	This value is for use by RSA. It is intended for diagnostic and troubleshooting purposes only. Percentage of authentication requests that are dispatched back to the SecurID authentication method. These are cases where the user is enabled for both SecurID and on-demand authentication (ODA) and the tokencode fails ODA.

MIB Object	OID	Description
amOttAuthAttemptsLegacyPercent	.1.3.6.1.4.1.2197.30.8.11	This value is for use by RSA. It is intended for diagnostic and troubleshooting purposes only. Percentage of authentication requests originating from legacy agents.
amOttPinSetSystemTotal	.1.3.6.1.4.1.2197.30.8.12	This value is for use by RSA. It is intended for diagnostic and troubleshooting purposes only. Total number of PINs automatically generated after enablement.
amOttPinSetDeferredTotal	.1.3.6.1.4.1.2197.30.8.13	This value is for use by RSA. It is intended for diagnostic and troubleshooting purposes only. Total number of PINs set by the user after enablement.
amOttPinSetTemporaryTotal	.1.3.6.1.4.1.2197.30.8.14	This value is for use by RSA. It is intended for diagnostic and troubleshooting purposes only. Total number of PINs set temporarily during enablement.
amOttPinSetPermanentTotal	.1.3.6.1.4.1.2197.30.8.15	This value is for use by RSA. It is intended for diagnostic and troubleshooting purposes only. Total number of PINs set permanently during enablement.
amOttRateSampleTimeS	.1.3.6.1.4.1.2197.30.8.16	Interval over which all rate-based values are sampled, in seconds.

## Deployment Information

The following table lists the MIB objects available for the deployment.

### Product Table

The following table lists the MIB objects available for the product.

MIB Object	OID	Description
productName	.1.3.6.1.4.1.2197.20.6.1.1	Product name.
productVersion	.1.3.6.1.4.1.2197.20.6.1.2	Product version.
productId	.1.3.6.1.4.1.2197.20.6.1.3	Product ID.
productInstanceId	.1.3.6.1.4.1.2197.20.6.1.4	ID of the instance on which this product is installed.
productCode	.1.3.6.1.4.1.2197.20.6.1.5	Identifier for the type of product.

MIB Object	OID	Description
productType	.1.3.6.1.4.1.2197.20.6.1.6	Product type.
registeredOn	.1.3.6.1.4.1.2197.20.6.1.7	Product registered on date and time.

### Cache Table

The following table lists the MIB objects available for the cache table.

MIB Object	OID	Description
cacheName	.1.3.6.1.4.1.2197.20.7.1.1	Cache name.
cacheCapacity	.1.3.6.1.4.1.2197.20.7.1.2	Cache capacity.
cacheSize	.1.3.6.1.4.1.2197.20.7.1.3	Cache size.
cacheHitRate	.1.3.6.1.4.1.2197.20.7.1.4	Cache hit ratio.
cacheFlushCount	.1.3.6.1.4.1.2197.20.7.1.5	Cache flush count.
cacheFlushFrequency	.1.3.6.1.4.1.2197.20.7.1.6	Cache flush frequency.

### Datasource Table

The following table lists the MIB objects available for the datasource table.

MIB Object	OID	Description
datasourceName	.1.3.6.1.4.1.2197.20.8.1.1	Data source name.
datasourceTotalRequests	.1.3.6.1.4.1.2197.20.8.1.2	Total number of requests.
datasourceRequests PerSecond	.1.3.6.1.4.1.2197.20.8.1.3	Requests per second.
datasourceMinResponse Time	.1.3.6.1.4.1.2197.20.8.1.4	Minimum response time.
datasourceAvgResponse Time	.1.3.6.1.4.1.2197.20.8.1.5	Average response time.
datasourceMaxRespons Time	.1.3.6.1.4.1.2197.20.8.1.6	Maximum response time.
datasourceActive Connections	.1.3.6.1.4.1.2197.20.8.1.7	Active connection count.
datasourceFailed Requests	.1.3.6.1.4.1.2197.20.8.1.8	Total number of unsuccessful requests.

MIB Object	OID	Description
activeSessions	.1.3.6.1.4.1.2197.20.9	Active number of sessions.
totalAuthentications	.1.3.6.1.4.1.2197.20.10	Total number of authentications.
totalAuthnFrequency	.1.3.6.1.4.1.2197.20.11	Authentication frequency.
successfulAuthentications	.1.3.6.1.4.1.2197.20.12	Successful authentication count.
successfulAuthnFrequency	.1.3.6.1.4.1.2197.20.13	Successful authentication frequency.
failedAuthentications	.1.3.6.1.4.1.2197.20.14	Unsuccessful authentication count.
failedAuthnFrequency	.1.3.6.1.4.1.2197.20.15	Unsuccessful authentication frequency.

### Event Notification Objects

The following table lists the MIB objects available for the event notification objects table.

MIB Object	OID	Description
eventLevel	.1.3.6.1.4.1.2197.20.16.5	Event level.
eventMessage	.1.3.6.1.4.1.2197.20.16.6	Event message.
eventMessageId	.1.3.6.1.4.1.2197.20.16.7	Event message identifier.
eventCause	.1.3.6.1.4.1.2197.20.16.8	Cause of this event.

### License Table

The following table lists the MIB objects available for the license table.

MIB Object	OID	Description
licenseId	.1.3.6.1.4.1.2197.20.18.1.1	License ID.
customerName	.1.3.6.1.4.1.2197.20.18.1.2	Customer name.
licenseInstanceId	.1.3.6.1.4.1.2197.20.18.1.3	Instance associated with this license.
licenseCategory	.1.3.6.1.4.1.2197.20.18.1.4	Category.
licenseCreationDate	.1.3.6.1.4.1.2197.20.18.1.5	Creation date.
licenseAccountId	.1.3.6.1.4.1.2197.20.18.1.6	Account ID.
licenseDeploymentType	.1.3.6.1.4.1.2197.20.18.1.7	Deployment type.

MIB Object	OID	Description
licenseNode	.1.3.6.1.4.1.2197.20.18.1.8	Node.
licenseProduct	.1.3.6.1.4.1.2197.20.18.1.9	Product.
licenseProductId	.1.3.6.1.4.1.2197.20.18.1.10	Product ID.
licenseProductVersion	.1.3.6.1.4.1.2197.20.18.1.11	Product version.
licenseFileVersion	.1.3.6.1.4.1.2197.20.18.1.12	License file version.
licenseInstallDate	.1.3.6.1.4.1.2197.20.18.1.13	Install date.

### Feature Table

The following table lists the MIB object available for the feature-related table.

MIB Object	OID	Description
featureId	.1.3.6.1.4.1.2197.20.19.1.1	License feature ID.
featureLicenseId	.1.3.6.1.4.1.2197.20.19.1.2	ID of the license for this feature.
featureName	.1.3.6.1.4.1.2197.20.19.1.3	Feature name.
featureVersion	.1.3.6.1.4.1.2197.20.19.1.4	Feature version.

### Strategy Table

The following table lists the MIB objects available for the strategy table.

MIB Object	OID	Description
strategyId	.1.3.6.1.4.1.2197.20.20.1.1	License strategy ID.
referenceId	.1.3.6.1.4.1.2197.20.20.1.2	ID of the license or feature for this strategy.
strategyClassName	.1.3.6.1.4.1.2197.20.20.1.3	License strategy class name.
strategyClassVersion	.1.3.6.1.4.1.2197.20.20.1.4	License strategy class version.
strategyName	.1.3.6.1.4.1.2197.20.20.1.5	License strategy name.
strategyDataKey	.1.3.6.1.4.1.2197.20.20.1.6	License strategy data key.
strategyDataValue	.1.3.6.1.4.1.2197.20.20.1.7	License strategy data value.



### Instance Table

The following table lists the available MIB objects for the instance table.

MIB Object	OID	Description
instanceId	.1.3.6.1.4.1.2197.20.21.1.1	Instance ID.
instanceName	.1.3.6.1.4.1.2197.20.21.1.2	Instance name.
instanceCpuCount	.1.3.6.1.4.1.2197.20.21.1.3	CPU count.
instanceDescription	.1.3.6.1.4.1.2197.20.21.1.4	Instance description.
replicationStatus	.1.3.6.1.4.1.2197.20.21.1.5	Replication status, if replication is configured.

### Node Table

The following table lists the MIB objects available for the node table.

**Note:** Authentication Manager currently only supports a single node per instance.

MIB Object	OID	Description
nodeInstanceId	.1.3.6.1.4.1.2197.20.22.1.1	ID of the instance for this node.
nodeName	.1.3.6.1.4.1.2197.20.22.1.2	Node name.
nodeHostName	.1.3.6.1.4.1.2197.20.22.1.3	Host name of the node machine.
nodeAddress	.1.3.6.1.4.1.2197.20.22.1.4	IP address of the node machine.
nodeLastUpdatedOn	.1.3.6.1.4.1.2197.20.22.1.5	Date and time when this node was last updated.
nodeActivationTime	.1.3.6.1.4.1.2197.20.22.1.6	Date and time when this node was started, if it is running.

### Patch Table

The following table lists the MIB objects available for the patch table.

MIB Object	OID	Description
patchProductId	.1.3.6.1.4.1.2197.20.23.1.1	ID of the product for which this patch is applied.
patchName	.1.3.6.1.4.1.2197.20.23.1.2	Patch name.
appliedOn	.1.3.6.1.4.1.2197.20.23.1.3	Patch applied on date and time.

### Configuration Table

The following table lists the MIB objects available for the configuration table.

MIB Object	OID	Description
configName	.1.3.6.1.4.1.2197.20.24.1.1	Configuration entry name.
configValue	.1.3.6.1.4.1.2197.20.24.1.1	Configuration entry value.

### Data File Usage Table

The following table lists the MIB objects available for the data file usage table.

MIB Object	OID	Description
dataFileId	.1.3.6.1.4.1.2197.20.25.1.1	Database file ID.
dataFileName	.1.3.6.1.4.1.2197.20.25.1.2	Database file name.
dataFileLocation	.1.3.6.1.4.1.2197.20.25.1.3	Database file location.
usedSpace	.1.3.6.1.4.1.2197.20.25.1.4	Database file space used.
maxSpace	.1.3.6.1.4.1.2197.20.25.1.5	Database file max space.

## Self-Service and Provisioning

The following table lists the MIB objects available for user information for self-service and provisioning.

### Provisioning

The following table lists the MIB objects available for provisioning.

MIB Object	OID	Description
ucmReqTotal	.1.3.6.1.4.1.2197.40.1.1	Total number of workflow requests.
ucmReqPendingTotal	.1.3.6.1.4.1.2197.40.1.2	Total number of pending requests.
ucmReqCompletedTotal	.1.3.6.1.4.1.2197.40.1.3	Total number of completed requests.
ucmReqCanceledTotal	.1.3.6.1.4.1.2197.40.1.4	Total number of canceled requests.
ucmReqRejectedTotal	.1.3.6.1.4.1.2197.40.1.5	Total number of rejected requests.
ucmReqApprovedTotal	.1.3.6.1.4.1.2197.40.1.6	Total number of approved requests.
ucmReqDistributedTotal	.1.3.6.1.4.1.2197.40.1.	Total number of distributed requests.
ucmReqWFApproved ProcessAvgTimeMS	.1.3.6.1.4.1.2197.40.1.10	Average approved request processing time (workflow).

MIB Object	OID	Description
ucmReqWFDistributedProcessAvgTimeMS	.1.3.6.1.4.1.2197.40.1.11	Average distributed request processing time (workflow).
ucmReqProcessAvgTimeMS	.1.3.6.1.4.1.2197.40.1.12	Average request processing time (non-workflow).

### Configuration

The following table lists the MIB objects available for configuration.

MIB Object	OID	Description
ucmConfigIdentitySourcesTotal	.1.3.6.1.4.1.2197.40.2.1	Total number of identity sources configured.
ucmConfigSecurityDomainsTotal	.1.3.6.1.4.1.2197.40.2.2	Total number of security domains configured.
ucmConfigUserGroupsTotal	.1.3.6.1.4.1.2197.40.2.3	Total number of user groups configured.
ucmConfigHardwareTypesTotal	.1.3.6.1.4.1.2197.40.2.4	Total number of hardware token types.
ucmConfigSoftwareTypesTotal	.1.3.6.1.4.1.2197.40.2.5	Total number of software token types.
ucmConfigProvHWTypesTotal	.1.3.6.1.4.1.2197.40.2.6	Total number of configured hardware token types.
ucmConfigProvSWTypesTotal	.1.3.6.1.4.1.2197.40.2.7	Total number of configured software token types.

### Self-Service

The following table lists the MIB objects available for self-service

MIB Object	OID	Description
ucmSSEnrollmentTotal	.1.3.6.1.4.1.2197.40.3.1	Total number of enrollment requests.
ucmSSExistingISTotal	.1.3.6.1.4.1.2197.40.3.3	Total number of existing identity source enrollment requests.
ucmSSSecurIDHardwareTotal	.1.3.6.1.4.1.2197.40.3.3	Total number of SecurID hardware requests.
ucmSSSecurIDSoftwareTotal	.1.3.6.1.4.1.2197.40.3.4	Total number of SecurID software requests.

MIB Object	OID	Description
ucmSSUserGroupsTotal	.1.3.6.1.4.1.2197.40.3.5	Total number of user group requests.
ucmSSPasswordTotal	.1.3.6.1.4.1.2197.40.3.6	Total number of change password requests.
ucmSSUpdateProfile Total	.1.3.6.1.4.1.2197.40.3.7	Total number of update profile requests.
ucmSSEnableTokenTotal	.1.3.6.1.4.1.2197.40.3.8	Total number of enable token requests.
ucmSSChangePinTotal	.1.3.6.1.4.1.2197.40.3.9	Total number of change token PIN requests.
ucmSSOnDemandTotal	.1.3.6.1.4.1.2197.40.3.10	Total number of on-demand token requests.
ucmSSSMSChange PinTotal	.1.3.6.1.4.1.2197.40.3.11	Total number of change SMS token requests.
ucmSSUpdateSMSTotal	.1.3.6.1.4.1.2197.40.3.12	Total number of update SMS token requests.
ucmSSEnableRBATotal	.1.3.6.1.4.1.2197.40.3.13	Total number of enable risk-based authentication (RBA) requests.
ucmSSClearRBATotal	.1.3.6.1.4.1.2197.40.3.14	Total number of clear RBA devices requests.
ucmSSFailedPassword Total	.1.3.6.1.4.1.2197.40.3.15	Total number of unsuccessful change password attempts.
ucmSSFailedChange PinTotal	.1.3.6.1.4.1.2197.40.3.16	Total number of unsuccessful change token PIN attempts.
ucmSSEnableToken DistributedPercent	.1.3.6.1.4.1.2197.40.3.17	Percentage of enabled token requests to approved.

### Emergency Access

The following table lists the MIB objects available for emergency access.

MIB Object	OID	Description
ucmEAExpiredSecurID HardwareTotal	.1.3.6.1.4.1.2197.40.4.1	Total number of replacements for expired SecurID hardware requests.
ucmEAExpiredSecurID SoftwareTotal	.1.3.6.1.4.1.2197.40.4.2	Total number of replacements for expired SecurID software requests.
ucmEALostBroken SecurIDHardwareTotal	.1.3.6.1.4.1.2197.40.4.3	Total number of replacements for lost or broken SecurID hardware requests.
ucmEALostBroken SecurIDSoftwareTotal	.1.3.6.1.4.1.2197.40.4.4	Total number of replacements for lost or broken SecurID software requests.

MIB Object	OID	Description
ucmEAActivateReplacementTokenTotal	.1.3.6.1.4.1.2197.40.4.5	Total number of activate replacement token requests.
ucmEAResetPinTotal	.1.3.6.1.4.1.2197.40.4.6	Total number of reset token PIN requests.
ucmEAResyncTokenTotal	.1.3.6.1.4.1.2197.40.4.7	Total number of resynchronize token requests.
ucmEATokenEAModeTotal	.1.3.6.1.4.1.2197.40.4.8	Total number of requests to place token in emergency access (EA) mode.
ucmEASMSEATotal	.1.3.6.1.4.1.2197.40.4.9	Total number of EA SMS token requests.
ucmEAPinUnblockTotal	.1.3.6.1.4.1.2197.40.4.10	Total number of EA smart card PIN unblock requests.
ucmEAFailedResyncTokenTotal	.1.3.6.1.4.1.2197.40.4.11	Total number of unsuccessful token resynchronize requests.



# 2

## Management Information Base Objects for SNMP for the Hardware Appliance

### Overview

RSA Authentication Manager 8.1 includes Management Information Base (MIB) files that you can use to monitor the appliance hardware. This chapter lists the available SNMP traps and GETS for appliance hardware. For more information, see [SNMP Traps](#) on page 32 and [SNMP GETS](#) on page 36.

You can download the appliance MIB files from the Security Console. For more information on configuring SNMP for Authentication Manager and downloading MIB files, see the chapter “Logging and Reporting” in the *Administrator’s Guide*.

### MIB Files

The following table describes the Dell hardware appliance MIB files provided with RSA Authentication Manager 8.1.

MIB File	Description
10892.mib	Provides detailed information about the systems monitored by Server Administrator instrumentation software. The 10892.mib is the primary MIB for the PowerEdge systems.
adptinfo.mib	Provides information about the Broadcom Gigabit network adapters.
baspCfg.mib baspStat.mib baspTrap.mib	Collectively these MIBs provide detailed information about the Broadcom Gigabit network adapters.
DcAsfSrv.mib	Specifies the formatting for Dell Server Platform Event Traps generated by the Baseboard Management Controller.
dcs3fru.mib	Provides detailed information about the system Field Replaceable Unit (FRU) to SNMP management applications.
dcs3rmt.mib	Provides detailed information about the remote access components monitored by the Server Administrator Remote Access Service.
dcstorag.mib	Provides detailed information about the storage hardware components and RAID configurations monitored by Server Administrator.
DELL-RAC-MIB.txt	Provides detailed information about the components monitored by the remote access out-of-band software agent.

MIB File	Description
dellcm.mib	Provides detailed information about the change management data monitored by the Server Administrator Update Service.
iDRAC-SMIv1.mib	Provides detailed information about the SNMP data, and traps, supported by the iDRAC7. This MIB file is written in “SMv1” notation/format.
iDRAC-SMIv2.mib	Provides detailed information about the SNMP data, and traps, supported by the iDRAC7. This MIB file is written in “SMv2” notation/format.
INTELLAN.mib	Provides detailed information about the Intel PRO 100S, PRO 1000xT, PRO 100+ Dual Port, and PRO 1000F NIC adapters.
ITassist.mib	Provides definitions for the traps sent by IT Assistant.
OME.mib	Defines traps forwarded by Dell OpenManage Essentials (OME), as well as internally generated alerts based on health and power monitoring.

The remainder of this appendix describes the traps and GETS provided in the **10892.MIB** file. To view the details of the other MIBs, you must download a MIB browser.

## SNMP Traps

The following table lists the supported SNMP traps. The traps in the Miscellaneous group are required. All other traps are optional. For more information, see the chapter “Logging and Reporting” in the *RSA Authentication Manager 8.1 Administrator’s Guide*.

SNMP Trap	Description
<b>Miscellaneous</b>	
alertSystemUp	The Appliance administrator has completed its initialization.
alertThermalShutdown	Thermal shutdown protection has been initiated.
alertAutomaticSystemRecovery	Automatic system recovery (ASR) was performed.
alertUserHostSystemReset	User has initiated host system reset.
<b>Temperature Probe</b>	
alertTemperatureProbeNormal	Temperature probe has returned to a normal value.
alertTemperatureProbeWarning	Temperature probe has detected a warning value.



SNMP Trap	Description
alertTemperatureProbeFailure	Temperature probe has detected a failure value.
alertTemperatureProbeNonRecoverable	Temperature probe has detected a non-recoverable value.
<b>Cooling Device</b>	
alertCoolingDeviceNormal	Cooling device sensor has returned to a normal value.
alertCoolingDeviceWarning	Cooling device sensor has detected a warning value.
alertCoolingDeviceFailure	Cooling device sensor has detected a failure value.
alertCoolingDeviceNonRecoverable	Cooling device sensor has detected a non-recoverable value.
<b>Voltage Probe</b>	
alertVoltageProbeNormal	Voltage probe has returned to a normal value.
alertVoltageProbeWarning	Voltage probe has detected a warning value.
alertVoltageProbeFailure	Voltage probe has detected a failure value.
alertVoltageProbeNonRecoverable	Voltage probe has detected a non-recoverable value.
<b>Amperage Probe</b>	
alertAmperageProbeNormal	Amperage probe has returned to a normal value.
alertAmperageProbeWarning	Amperage probe has detected a warning value.
alertAmperageProbeFailure	Amperage probe has detected a failure value.
alertAmperageProbeNonRecoverable	Amperage probe has detected a non-recoverable value.
<b>Chassis Intrusion</b>	
alertChassisIntrusionNormal	Chassis intrusion has returned to normal.
alertChassisIntrusionDetected	Chassis intrusion has been detected.
<b>Redundancy Unit</b>	
alertRedundancyNormal	Redundancy has returned to normal.
alertRedundancyDegraded	Redundancy has been degraded.
alertRedundancyLost	Redundancy has been lost.

SNMP Trap	Description
<b>Power Supply</b>	
alertPowerSupplyNormal	Power supply has returned to normal.
alertPowerSupplyWarning	Power supply has detected a warning.
alertPowerSupplyFailure	Power supply has detected a failure.
<b>Memory Device</b>	
alertMemoryDeviceWarning	Memory device status is noncritical.
alertMemoryDeviceFailure	Memory device status is critical.
alertMemoryDeviceNonRecoverable	Memory device status is non-recoverable.
<b>Fan Enclosure</b>	
alertFanEnclosureInsertion	Fan enclosure has been inserted into system.
alertFanEnclosureRemoval	Fan enclosure has been removed from system.
alertFanEnclosureExtendedRemoval	Fan enclosure has been removed from system for an extended amount of time.
<b>AC Power Cord</b>	
alertACPowerCordNoPowerNonRedundant	AC power cord does not have power, and the redundancy mode for its AC power switch has been set to non-redundant.
alertACPowerCordNormal	AC power cord has regained power.
alertACPowerCordFailure	AC power cord has lost power.
<b>Hardware Log</b>	
alertLogNormal	Log size is no longer near or at capacity.
alertLogWarning	Log size is near capacity.
alertLogFull	Log size is at capacity.
<b>Processor Device Status</b>	
alertProcessorDeviceStatusNormal	Processor device status has returned to normal.
alertProcessorDeviceStatusWarning	Processor device status has detected a warning.
alertProcessorDeviceStatusFailure	Processor device status has detected a failure.

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<b>SNMP Trap</b>	<b>Description</b>
<b>Pluggable Device</b>	
alertDeviceAdd	Device added to system.
alertDeviceRemove	Device removed from system.
alertDeviceConfigError	Device configuration error detected.
<b>Battery</b>	
alertBatteryNormal	Battery has returned to normal.
alertBatteryWarning	Battery has detected a warning.
alertBatteryFailure	Battery has detected a failure.

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## SNMP GETS

The **10892.mib** file contains the following MIB objects. Use these MIB objects for GETS, to collect aggregate and real-time data concerning the performance of the Appliance hardware. You can view these objects and their corresponding statistics in a MIB browser.

### MIB Version Group

The following table lists the available MIB version group MIB objects.

MIB Object	OID	Description
mIBMajorVersionNumber	.1.3.6.1.4.1.674.10892.1.1.1	Major version number for the version of this MIB supported by the systems management software.
mIBMinorVersionNumber	.1.3.6.1.4.1.674.10892.1.1.2	Minor version number for the version of this MIB supported by the systems management software.
mIBMaintenanceVersionNumber	.1.3.6.1.4.1.674.10892.1.1.3	Maintenance version number for the version of this MIB supported by the systems management software.

### System Management Software Group

The following table lists the available system management software group MIB objects.

MIB Object	OID	Description
systemManagementSoftwareName	.1.3.6.1.4.1.674.10892.1.100.1	Product name of the systems management software.
systemManagementSoftwareVersion NumberName	.1.3.6.1.4.1.674.10892.1.100.2	Version number of the instrumentation component of the systems management software.
systemManagementSoftwareBuildNumber	.1.3.6.1.4.1.674.10892.1.100.3	Build number of the instrumentation component of the systems management software.
systemManagementSoftwareDescription Name	.1.3.6.1.4.1.674.10892.1.100.4	Description of the systems management software.

MIB Object	OID	Description
systemManagementSoftwareSupported Protocol	.1.3.6.1.4.1.674.10892.1.100.5	Protocol supported by the instrumentation component of the systems management software.
systemManagementSoftwarePreferred Protocol	.1.3.6.1.4.1.674.10892.1.100.6	Protocol preferred by the instrumentation component of the systems management software.
systemManagementSoftwareUpdateLevel Name	.1.3.6.1.4.1.674.10892.1.100.7	Update level of the instrumentation component of the systems management software.
systemManagementSoftwareURLName	.1.3.6.1.4.1.674.10892.1.100.8	Universal Resource Locator (URL) of the systems management software.
systemManagementSoftwareLanguage Name	.1.3.6.1.4.1.674.10892.1.100.9	Language of the systems management software.
systemManagementSoftwareGlobal VersionName	.1.3.6.1.4.1.674.10892.1.100.10	Global version of the systems management software.
systemManagementSoftwareFeatureFlags	.1.3.6.1.4.1.674.10892.1.100.11	Features of the systems management software. If the value is zero, none of the features are enabled.  <b>Note:</b> This attribute is a bit field, so the value returned may be a combination of the bit masks defined in <u>SMSFeatureFlags</u> .
systemManagementSoftwareSNMPAgent FeatureFlags	.1.3.6.1.4.1.674.10892.1.100.12	Features of the SNMP agent software provided by the operating system. If the value is zero, none of the features are enabled.  <b>Note:</b> This attribute is a bit field, so the value returned may be a combination of the bit masks defined in <u>SMSSNMPAgentFeatureFlags</u> .

MIB Object	OID	Description
systemManagementSoftwareManufacturer Name	.1.3.6.1.4.1.674.10892.1.100.13	Manufacturer of the systems management software.

### System State Group (systemStateTable)

The following table lists the available system state group MIB objects.

MIB Object	OID	Description
systemStateTableEntry	.1.3.6.1.4.1.674.10892.1.200.10.1	System State Table Entry.
systemStatechassisIndex	.1.3.6.1.4.1.674.10892.1.200.10.1.1	Index (one based) of this chassis.
systemStateGlobalSystemStatus	.1.3.6.1.4.1.674.10892.1.200.10.1.2	Global system status of all chassis being monitored by the systems management software.
systemStateChassisState	.1.3.6.1.4.1.674.10892.1.200.10.1.3	State settings of this chassis.
systemStateChassisStatus	.1.3.6.1.4.1.674.10892.1.200.10.1.4	Status of this chassis.
systemStatePowerUnitStateDetails	.1.3.6.1.4.1.674.10892.1.200.10.1.5	State settings of each power unit of this chassis. The results are returned as a binary octet string, where each byte of the octet string represents the state settings of a power unit. The first byte returned represents the state settings of the first power unit, and so on. The bytes have the same definition type as DellStateSettings.
systemStatePowerUnitStatus Redundancy	.1.3.6.1.4.1.674.10892.1.200.10.1.6	Combined redundancy status of all power units of this chassis.
systemStatePowerUnitStatus Details	.1.3.6.1.4.1.674.10892.1.200.10.1.7	Redundancy status of each power unit of this chassis. The results are returned as a binary octet string, where each byte of the octet string represents the redundancy status of a power unit. The first byte returned represents the redundancy status of the first power unit, and so on. The bytes have the same definition type as DellStatusRedundancy.

MIB Object	OID	Description
systemStatePowerSupplyState Details	.1.3.6.1.4.1.674.10892.1.200.10.1.8	State settings of each power supply of this chassis. The results are returned as a binary octet string, where each byte of the octet string represents the state settings of a power supply. The first byte returned represents the state settings of the first power supply, and so on. The bytes have the same definition type as DellStateSettings.
systemStatePowerSupplyStatus Combined	.1.3.6.1.4.1.674.10892.1.200.10.1.9	Combined status of all power supplies of this chassis.
systemStatePowerSupplyStatus Details	.1.3.6.1.4.1.674.10892.1.200.10.1.10	Status of each power supply of this chassis. The results are returned as a binary octet string, where each byte of the octet string represents the status of a power supply. The first byte returned represents the status of the first power supply, and so on. The bytes have the same definition type as DellStatus.
systemStateVoltageStateDetails	.1.3.6.1.4.1.674.10892.1.200.10.1.11	State settings of each voltage probe of this chassis. The results are returned as a binary octet string, where each byte of the octet string represents the state settings of a voltage probe. The first byte returned represents the state settings of the first voltage probe, and so on. The bytes have the same definition type as DellStateSettings.
systemStateVoltageStatus Combined	.1.3.6.1.4.1.674.10892.1.200.10.1.12	Combined status of all voltage probes of this chassis.

MIB Object	OID	Description
systemStateVoltageStatusDetails	.1.3.6.1.4.1.674.10892.1.200.10.1.13	Status of each voltage probe of this chassis. The results are returned as a binary octet string, where each byte of the octet string represents the status of a voltage probe. The first byte returned represents the status of the first voltage probe, and so on. The bytes have the same definition type as DellStatus.
systemStateAmperageStateDetails	.1.3.6.1.4.1.674.10892.1.200.10.1.14	State settings of each amperage probe of this chassis. The results are returned as a binary octet string, where each byte of the octet string represents the state settings of an amperage probe. The first byte returned represents the state settings of the first amperage probe, and so on. The bytes have the same definition type as DellStateSettings.
systemStateAmperageStatus Combined	.1.3.6.1.4.1.674.10892.1.200.10.1.15	Combined status of all amperage probes of this chassis.
systemStateAmperageStatusDetails	.1.3.6.1.4.1.674.10892.1.200.10.1.16	Status of each amperage probe of this chassis. The results are returned as a binary octet string, where each byte of the octet string represents the status of an amperage probe. The first byte returned represents the status of the first amperage probe, and so on. The bytes have the same definition type as DellStatus.
systemStateCoolingUnitState Details	.1.3.6.1.4.1.674.10892.1.200.10.1.17	State settings of each cooling unit of this chassis. The results are returned as a binary octet string, where each byte of the octet string represents the state settings of a cooling unit. The first byte returned represents the state settings of the first cooling unit, and so on. The bytes have the same definition type as DellStateSettings.



MIB Object	OID	Description
systemStateCoolingUnitStatus Redundancy	.1.3.6.1.4.1.674.10892.1.200.10.1.18	Combined redundancy status of all cooling units of this chassis.
systemStateCoolingUnitStatus Details	.1.3.6.1.4.1.674.10892.1.200.10.1.19	Redundancy status of each cooling unit of this chassis. The results are returned as a binary octet string, where each byte of the octet string represents the redundancy status of a cooling unit. The first byte returned represents the redundancy status of the first cooling unit, and so on. The bytes have the same definition type as DellStatusRedundancy.
systemStateCoolingDeviceState Details	.1.3.6.1.4.1.674.10892.1.200.10.1.20	State settings of each cooling device of this chassis. The results are returned as a binary octet string, where each byte of the octet string represents the state settings of a cooling device. The first byte returned represents the state settings of the first cooling device, and so on. The bytes have the same definition type as DellStateSettings.
systemStateCoolingDeviceStatus Combined	.1.3.6.1.4.1.674.10892.1.200.10.1.21	Combined status of all cooling devices of this chassis.
systemStateCoolingDeviceStatus Details	.1.3.6.1.4.1.674.10892.1.200.10.1.22	Status of each cooling device of this chassis. The results are returned as a binary octet string, where each byte of the octet string represents the status of a cooling device. The first byte returned represents the status of the first cooling device, and so on. The bytes have the same definition type as DellStatus.

MIB Object	OID	Description
systemStateTemperatureState Details	.1.3.6.1.4.1.674.10892.1.200.10.1.23	State settings of each temperature probe of this chassis. The results are returned as a binary octet string, where each byte of the octet string represents the state settings of a temperature probe. The first byte returned represents the state settings of the first temperature probe, and so on. The bytes have the same definition type as DellStateSettings.
systemStateTemperatureStatus Combined	.1.3.6.1.4.1.674.10892.1.200.10.1.24	Combined status of all temperature probes of this chassis.
systemStateTemperatureStatus Details	.1.3.6.1.4.1.674.10892.1.200.10.1.25	Status of each temperature probe of this chassis. The results are returned as a binary octet string, where each byte of the octet string represents the status of a temperature probe. The first byte returned represents the status of the first temperature probe, and so on. The bytes have the same definition type as DellStatus.
systemStateMemoryDeviceState Details	.1.3.6.1.4.1.674.10892.1.200.10.1.26	State settings of each memory device of this chassis. The results are returned as a binary octet string, where each byte of the octet string represents the state settings of a memory device. The first byte returned represents the state settings of the first memory device, and so on. The bytes have the same definition type as DellStateSettings.
systemStateMemoryDeviceStatus Combined	.1.3.6.1.4.1.674.10892.1.200.10.1.27	Combined status of all memory devices of this chassis.

MIB Object	OID	Description
systemStateMemoryDeviceStatus Details	.1.3.6.1.4.1.674.10892.1.200.10.1.28	Status of each memory device of this chassis. The results are returned as a binary octet string, where each byte of the octet string represents the status of a memory device. The first byte returned represents the status of the first memory device, and so on. The bytes have the same definition type as DellStatus.
systemStateChassisIntrusionState Details	.1.3.6.1.4.1.674.10892.1.200.10.1.29	State settings of each intrusion detection device of this chassis. The results are returned as a binary octet string where each byte of the octet string represents the state settings of an intrusion detection device. The first byte returned represents the state settings of the first intrusion detection device, and so on. The bytes have the same definition type as DellStateSettings.
systemStateChassisIntrusionStatus Combined	.1.3.6.1.4.1.674.10892.1.200.10.1.30	Combined status of all intrusion detection devices of this chassis.
systemStateChassisIntrusionStatus Details	.1.3.6.1.4.1.674.10892.1.200.10.1.31	Status of each intrusion detection device of this chassis. The results are returned as a binary octet string, where each byte of the octet string represents the status of an intrusion detection device. The first byte returned represents the status of the first intrusion detection device, and so on. The bytes have the same definition type as DellStatus.

MIB Object	OID	Description
systemStateACPowerSwitchState Details	.1.3.6.1.4.1.674.10892.1.200.10.1.32	State settings of each AC power switch of this chassis. The results are returned as a binary octet string, where each byte of the octet string represents the state settings of an AC power switch. The first byte returned represents the state settings of the first AC power switch, and so on. The bytes have the same definition type as DellStateSettings.
systemStateACPowerSwitchStatus Redundancy	.1.3.6.1.4.1.674.10892.1.200.10.1.33	Combined redundancy status of all AC power switches of this chassis.
systemStateACPowerSwitchStatus Details	.1.3.6.1.4.1.674.10892.1.200.10.1.34	Redundancy status of each AC power switch of this chassis. The results are returned as a binary octet string, where each byte of the octet string represents the redundancy status of an AC power switch. The first byte returned represents the redundancy status of the first AC power switch, and so on. The bytes have the same definition type as DellStatusRedundancy.
systemStateACPowerCordState Details	.1.3.6.1.4.1.674.10892.1.200.10.1.35	State settings of each AC power cord associated with an AC power switch of this chassis. The results are returned as a binary octet string where each byte of the octet string represents the state settings of an AC power cord. The first byte returned represents the state settings of the first AC power cord, and so on. The bytes have the same definition type as DellStateSettings.
systemStateACPowerCordStatus Combined	.1.3.6.1.4.1.674.10892.1.200.10.1.36	Combined status of all AC power cords for any AC power switches of this chassis.

MIB Object	OID	Description
systemStateACPowerCordStatus Details	.1.3.6.1.4.1.674.10892.1.200.10.1.37	Status of each AC power cord associated with an AC power switch of this chassis. The results are returned as a binary octet string, where each byte of the octet string represents the status of an AC power cord. The first byte returned represents the status of the first AC power cord, and so on. The bytes have the same definition type as DellStatus.
systemStateRedundantMemory UnitStateDetails	.1.3.6.1.4.1.674.10892.1.200.10.1.38	State settings of each redundant memory unit of this chassis. The results are returned as a binary octet string, where each byte of the octet string represents the state settings of a redundant memory unit. The first byte returned represents the state settings of the first redundant memory unit, and so on. The bytes have the same definition type as DellStateSettings.
systemStateRedundantMemory UnitStatusRedundancy	.1.3.6.1.4.1.674.10892.1.200.10.1.39	Combined redundancy status of all redundant memory units of this chassis.
systemStateRedundantMemory UnitStatusDetails	.1.3.6.1.4.1.674.10892.1.200.10.1.40	Redundancy status of each redundant memory unit of this chassis. The results are returned as a binary octet string where each byte of the octet string represents the redundancy status of a redundant memory unit. The first byte returned represents the redundancy status of the first redundant memory unit, and so on. The bytes have the same definition type as DellStatusRedundancy.
systemStateEventLogStatus	.1.3.6.1.4.1.674.10892.1.200.10.1.41	Overall status of the (ESM) event log of this chassis.
systemStatePowerUnitStatus Combined	.1.3.6.1.4.1.674.10892.1.200.10.1.42	Combined status of all power units of this chassis.

MIB Object	OID	Description
systemStatePowerUnitStatusList	.1.3.6.1.4.1.674.10892.1.200.10.1.43	Status of each power unit of this chassis. The results are returned as a binary octet string, where each byte of the octet string represents the status of a power unit. The first byte returned represents the status of the first power unit, and so on. The bytes have the same definition type as DellStatus.
systemStateCoolingUnitStatus Combined	.1.3.6.1.4.1.674.10892.1.200.10.1.44	Combined status of all cooling units of this chassis.
systemStateCoolingUnitStatusList	.1.3.6.1.4.1.674.10892.1.200.10.1.45	Status of each cooling unit of this chassis. The results are returned as a binary octet string, where each byte of the octet string represents the status of a cooling unit. The first byte returned represents the status of the first cooling unit, and so on. The bytes have the same definition type as DellStatus.
systemStateACPowerSwitchStatus Combined	.1.3.6.1.4.1.674.10892.1.200.10.1.46	Combined status of all AC power switches of this chassis.
systemStateACPowerSwitchStatus List	.1.3.6.1.4.1.674.10892.1.200.10.1.47	Status of each AC power switch of this chassis. The results are returned as a binary octet string where each byte of the octet string represents the status of an AC power switch. The first byte returned represents the status of the first AC power switch, and so on. The bytes have the same definition type as DellStatus.
systemStateRedundantMemory UnitStatusCombined	.1.3.6.1.4.1.674.10892.1.200.10.1.48	Combined status of all redundant memory units of this chassis.

MIB Object	OID	Description
systemStateRedundantMemory UnitStatusList	.1.3.6.1.4.1.674.10892.1.200.10.1.49	Status of each redundant memory unit of this chassis. The results are returned as a binary octet string, where each byte of the octet string represents the status of a redundant memory unit. The first byte returned represents the status of the first redundant memory unit, and so on. The bytes have the same definition type as DellStatus.
systemStateProcessorDeviceStatus Combined	.1.3.6.1.4.1.674.10892.1.200.10.1.50	Combined status of all processor devices of this chassis.
systemStateProcessorDeviceStatus List	.1.3.6.1.4.1.674.10892.1.200.10.1.51	Status of each processor device of this chassis. The results are returned as a binary octet string, where each byte of the octet string represents the status of a processor device. The first byte returned represents the status of the first processor device, and so on. The bytes have the same definition type as DellStatus.
systemStateBatteryStatus Combined	.1.3.6.1.4.1.674.10892.1.200.10.1.52	Combined status of all batteries of this chassis.
systemStateBatteryStatusList	.1.3.6.1.4.1.674.10892.1.200.10.1.53	Status of each battery of this chassis. The results are returned as a binary octet string where each byte of the octet string represents the status of a battery. The first byte returned represents the status of the first battery, and so on. The bytes have the same definition type as DellStatus.
systemStateSDCardUnitStatusCom bined	.1.3.6.1.4.1.674.10892.1.200.10.1.54	This attribute defines the combined status of all SD Card units of this chassis.

MIB Object	OID	Description
systemStateSDCardUnitStatusList	.1.3.6.1.4.1.674.10892.1.200.10.1.55	This attribute lists the status of each SD Card unit of this chassis. The results are returned as a binary octet string where each byte of the octet string represents the status of a SD Card unit. The first byte returned represents the status of the first SD Card unit, etc. The bytes have the same definition type as DellStatus.
systemStateSDCardDeviceStatusCombined	.1.3.6.1.4.1.674.10892.1.200.10.1.56	This attribute defines the combined status of all SD Card devices of this chassis.
systemStateSDCardDeviceStatusList	.1.3.6.1.4.1.674.10892.1.200.10.1.57	This attribute lists the status of each SD Card device of this chassis. The results are returned as a binary octet string where each byte of the octet string represents the status of a SD Card device. The first byte returned represents the status of the first SD Card device, etc. The bytes have the same definition type as DellStatus.

## Chassis Information Group

The following tables list the available chassis information group MIB objects.

### chassisInformationTable

MIB Object	OID	Description
chassisInformationTableEntry	.1.3.6.1.4.1.674.10892.1.300.10.1	Chassis Information Table Entry.
chassisIndexChassisInformation	.1.3.6.1.4.1.674.10892.1.300.10.1.1	Index (one based) of the chassis.
chassisStateCapabilities	.1.3.6.1.4.1.674.10892.1.300.10.1.2	State capabilities of the chassis.
chassisStateSettings	.1.3.6.1.4.1.674.10892.1.300.10.1.3	State settings of the chassis.
chassisStatus	.1.3.6.1.4.1.674.10892.1.300.10.1.4	Status of the chassis.
chassisparentIndexReference	.1.3.6.1.4.1.674.10892.1.300.10.1.5	Index (one based) to the parent chassis of this chassis, if any.
chassisType	.1.3.6.1.4.1.674.10892.1.300.10.1.6	Chassis type of the chassis.



MIB Object	OID	Description
chassisName	.1.3.6.1.4.1.674.10892.1.300.10.1.7	User-assigned name of the chassis.
chassisManufacturerName	.1.3.6.1.4.1.674.10892.1.300.10.1.8	Name of the manufacturer of the chassis.
chassisModelName	.1.3.6.1.4.1.674.10892.1.300.10.1.9	System model type of the chassis.
chassisAssetTagName	.1.3.6.1.4.1.674.10892.1.300.10.1.10	Asset tag name of the chassis.
chassisServiceTagName	.1.3.6.1.4.1.674.10892.1.300.10.1.11	Service tag name of the chassis.
chassisID	.1.3.6.1.4.1.674.10892.1.300.10.1.12	System ID. If the value is 254 (0xFE), the attribute chassisIDExtension provides the system ID.
chassisIDExtension	.1.3.6.1.4.1.674.10892.1.300.10.1.13	System ID extension.
chassisSystemClass	.1.3.6.1.4.1.674.10892.1.300.10.1.14	System class of the chassis.
chassisSystemName	.1.3.6.1.4.1.674.10892.1.300.10.1.15	Host name of the system.
chassisSystemBootDateName	.1.3.6.1.4.1.674.10892.1.300.10.1.16	Boot time of the system. Dates are defined in the ASCII format: <code>yyyyMMddhhmmss . uuuuuu+ f f f</code> or <code>yyyyMMddhhmmss . uuuuuu- f f f</code> where <i>yyyy</i> is the year, <i>MM</i> is the month, <i>dd</i> is the day, <i>hh</i> are the hours, <i>mm</i> are the minutes, <i>ss</i> are the seconds, <i>uuuuuu</i> is the number of microseconds, and <i>+fff</i> or <i>-fff</i> is the offset from UTC in minutes.

MIB Object	OID	Description
chassisSystemDateName	.1.3.6.1.4.1.674.10892.1.300.10.1.17	Current time of the system. Dates are defined in the ASCII format: <i>yyyyMMddhhmmss . uuuuuu+ f f f</i> or <i>yyyyMMddhhmmss . uuuuuu - f f f</i> where <i>yyyy</i> is the year, <i>MM</i> is the month, <i>dd</i> is the day, <i>hh</i> are the hours, <i>mm</i> are the minutes, <i>ss</i> are the seconds, <i>uuuuuu</i> is the number of microseconds, and <i>+fff</i> or <i>-fff</i> is the offset from UTC in minutes.
chassisSystemLocationName	.1.3.6.1.4.1.674.10892.1.300.10.1.18	Location of the system.
chassisSystemPrimaryUserName	.1.3.6.1.4.1.674.10892.1.300.10.1.19	Name of the primary user of the system.
chassisSystemUserPhoneNumber Name	.1.3.6.1.4.1.674.10892.1.300.10.1.20	Phone number of the primary user of the system.
chassisConnectionStatusUnique	.1.3.6.1.4.1.674.10892.1.300.10.1.21	Status of the connection of the chassis.
chassisFanControlCapabilities Unique	.1.3.6.1.4.1.674.10892.1.300.10.1.22	Capabilities of the fan control hardware in the chassis.
chassisFanControlSettingsUnique	.1.3.6.1.4.1.674.10892.1.300.10.1.23	Reading and setting of the fan control hardware in the chassis.
chassisLEDControlCapabilities Unique	.1.3.6.1.4.1.674.10892.1.300.10.1.24	Capabilities of the LED control hardware in the chassis.
chassisLEDControlSettingsUnique	.1.3.6.1.4.1.674.10892.1.300.10.1.25	Reading and setting of the LED control hardware in the chassis.
chassisHDFaultClearControl Capabilities	.1.3.6.1.4.1.674.10892.1.300.10.1.26	Whether the chassis allows reset of the chassis hard disk drive fault LED.
chassisHDFaultClearControl Settings	.1.3.6.1.4.1.674.10892.1.300.10.1.27	Allows reset of a chassis hard disk drive fault LED.
chassisIdentifyFlashControl Capabilities	.1.3.6.1.4.1.674.10892.1.300.10.1.28	Whether the chassis allows setting of the chassis front panel LED to flash.

MIB Object	OID	Description
chassisIdentifyFlashControl Settings	.1.3.6.1.4.1.674.10892.1.300.10.1.29	Causes the chassis front panel LED to flash.
chassisLockPresent	.1.3.6.1.4.1.674.10892.1.300.10.1.30	If true, a chassis lock is present on the chassis.
chassisHostControlCapabilities Unique	.1.3.6.1.4.1.674.10892.1.300.10.1.31	Capabilities of the host control function.
chassisHostControlSettingsUnique	.1.3.6.1.4.1.674.10892.1.300.10.1.32	Settings of the host control function.
chassiswatchDogControl CapabilitiesUnique	.1.3.6.1.4.1.674.10892.1.300.10.1.33	Capabilities of the watchdog control function.
chassiswatchDogControlSettings Unique	.1.3.6.1.4.1.674.10892.1.300.10.1.34	Settings of the watchdog control function.
chassiswatchDogControlExpiry TimeCapabilitiesUnique	.1.3.6.1.4.1.674.10892.1.300.10.1.35	Capabilities of the watchdog control expiry timer function.
chassiswatchDogControlExpiry Time	.1.3.6.1.4.1.674.10892.1.300.10.1.36	Current watchdog timer value in seconds.
chassisallowSETCommandsfrom SNMP	.1.3.6.1.4.1.674.10892.1.300.10.1.37	Whether SNMP SET type commands are allowed.
chassisPowerButtonControl CapabilitiesUnique	.1.3.6.1.4.1.674.10892.1.300.10.1.38	Capabilities of the power button control hardware in the chassis.
chassisPowerButtonControl SettingsUnique	.1.3.6.1.4.1.674.10892.1.300.10.1.39	Reading and setting of the power button control hardware in the chassis.
chassisResellerName	.1.3.6.1.4.1.674.10892.1.300.10.1.40	Name of the system reseller.
chassisResellerContactInformation Name	.1.3.6.1.4.1.674.10892.1.300.10.1.41	Contact information for the system reseller.
chassisResellerProductName	.1.3.6.1.4.1.674.10892.1.300.10.1.42	Reseller's product name for the system.
chassisResellerSystemID	.1.3.6.1.4.1.674.10892.1.300.10.1.43	Reseller's system ID for the system.
chassisNMIButtonControl CapabilitiesUnique	.1.3.6.1.4.1.674.10892.1.300.10.1.44	Capabilities of the NMI button control hardware in the chassis.
chassisNMIButtonControlSettings Unique	.1.3.6.1.4.1.674.10892.1.300.10.1.45	Reading and setting of the NMI button control hardware in the chassis.

MIB Object	OID	Description
chassisSystemProperties	.1.3.6.1.4.1.674.10892.1.300.10.1.46	Properties of the system.
chassisSystemRevisionNumber	.1.3.6.1.4.1.674.10892.1.300.10.1.47	Revision number of the system, where zero indicates the original version of the system. The revision number is not available on all systems.
chassisSystemRevisionName	.1.3.6.1.4.1.674.10892.1.300.10.1.48	Revision name of the system, if applicable.
chassisExpressServiceCodeName	.1.3.6.1.4.1.674.10892.1.300.10.1.49	Express Service Code of the chassis.

#### uUIDTable

MIB Object	OID	Description
uUIDTableEntry	.1.3.6.1.4.1.674.10892.1.300.20	UUID Table Entry.
uUIDchassisIndex	.1.3.6.1.4.1.674.10892.1.300.20.1	Index (one based) of the associated chassis.
uUIDIndex	.1.3.6.1.4.1.674.10892.1.300.20.1.1	Index (one based) of the UUID.
uUIDType	.1.3.6.1.4.1.674.10892.1.300.20.1.2	Type of the UUID.
uUIDValue	.1.3.6.1.4.1.674.10892.1.300.20.1.3	Value of the UUID.

#### postLogTable

MIB Object	OID	Description
postLogTableEntry	.1.3.6.1.4.1.674.10892.1.300.30.1	POST Log Table Entry.
postLogchassisIndex	.1.3.6.1.4.1.674.10892.1.300.30.1.1	Index (one based) of the associated chassis.
postLogRecordIndex	.1.3.6.1.4.1.674.10892.1.300.30.1.2	Index (one based) of the POST log record.
postLogStateCapabilitiesUnique	.1.3.6.1.4.1.674.10892.1.300.30.1.3	State capabilities of the object that is writing the POST log.
postLogStateSettingsUnique	.1.3.6.1.4.1.674.10892.1.300.30.1.4	State settings of the object that is writing the POST log.

MIB Object	OID	Description
postLogRecord	.1.3.6.1.4.1.674.10892.1.300.30.1.5	Data of the POST log record.
postLogFormat	.1.3.6.1.4.1.674.10892.1.300.30.1.6	Format of the POST log record.

### eventLogTable

MIB Object	OID	Description
eventLogTableEntry	.1.3.6.1.4.1.674.10892.1.300.40.1	Event (ESM) Log Table Entry.
eventLogchassisIndex	.1.3.6.1.4.1.674.10892.1.300.40.1.1	Index (one based) of the associated chassis.
eventLogRecordIndex	.1.3.6.1.4.1.674.10892.1.300.40.1.2	Index (one based) of the event log record.
eventLogStateCapabilitiesUnique	.1.3.6.1.4.1.674.10892.1.300.40.1.3	State capabilities of the object that is writing the event log.
eventLogStateSettingsUnique	.1.3.6.1.4.1.674.10892.1.300.40.1.4	State settings of the object that is writing the event log.
eventLogRecord	.1.3.6.1.4.1.674.10892.1.300.40.1.5	Data of the event log record.
eventLogFormat	.1.3.6.1.4.1.674.10892.1.300.40.1.6	Format of the event log record.
eventLogSeverityStatus	.1.3.6.1.4.1.674.10892.1.300.40.1.7	Severity of the event log record.
eventLogDateName	.1.3.6.1.4.1.674.10892.1.300.40.1.8	Date and time of the event log record.

### systemBIOSTable

MIB Object	OID	Description
systemBIOSTableEntry	.1.3.6.1.4.1.674.10892.1.300.50.1	System BIOS Table Entry.
systemBIOSchassisIndex	.1.3.6.1.4.1.674.10892.1.300.50.1.1	Index (one based) of the associated chassis.
systemBIOSIndex	.1.3.6.1.4.1.674.10892.1.300.50.1.2	Index (one based) of the system BIOS.
systemBIOSStateCapabilities	.1.3.6.1.4.1.674.10892.1.300.50.1.3	State capabilities of the system BIOS.
systemBIOSStateSettings	.1.3.6.1.4.1.674.10892.1.300.50.1.4	State settings of the system BIOS.
systemBIOSStatus	.1.3.6.1.4.1.674.10892.1.300.50.1.5	Status of the system BIOS.

MIB Object	OID	Description
systemBIOSSize	.1.3.6.1.4.1.674.10892.1.300.50.1.6	Image size of the system BIOS in KB. Zero indicates size is unknown.
systemBIOSReleaseDateName	.1.3.6.1.4.1.674.10892.1.300.50.1.7	Release date name of the system BIOS.
systemBIOSVersionName	.1.3.6.1.4.1.674.10892.1.300.50.1.8	Version name of the system BIOS.
systemBIOSStartingAddress	.1.3.6.1.4.1.674.10892.1.300.50.1.9	Starting address of the system BIOS. Zero indicates the starting address is unknown.
systemBIOSEndingAddress	.1.3.6.1.4.1.674.10892.1.300.50.1.10	Ending address of the system BIOS. Zero indicates the starting address is unknown.
systemBIOSManufacturerName	.1.3.6.1.4.1.674.10892.1.300.50.1.11	Name of the manufacturer of the system BIOS.
systemBIOSCharacteristics	.1.3.6.1.4.1.674.10892.1.300.50.1.12	<p>Characteristics of the system BIOS. This attribute is a bit field where a bit has the meaning when set to 1 (one). Bit 63 is the first bit in the value, and bit 0 is the last bit in the value. See the description of DellUnsigned64BitRange for more information on the format of the value.</p> <hr/> <p><b>Note:</b> Bits 48-63 need to be examined in the context of the system ID.</p> <hr/> <p>The system ID is available in the attribute chassisID. If the value for chassisID is non-zero, bits 48-63 have meaning.</p> <p>To see the meaning of each bit ID, review the description in a MIB browser.</p>

MIB Object	OID	Description
systemBIOSCharacteristicsExt1	.1.3.6.1.4.1.674.10892.1.300.50.1.13	<p>Additional characteristics of the system BIOS. This attribute is a bit field where a bit has the meaning defined below when set to 1 (one).</p> <p>The following bit position have the following meanings if set:</p> <ul style="list-style-type: none"> <li>• Bit 0: ACPI supported</li> <li>• Bit 1: USB Legacy is supported</li> <li>• Bit 2: AGP is supported</li> <li>• Bit 3: I2O boot is supported</li> <li>• Bit 4: LS-120 boot is supported</li> <li>• Bit 5: ATAPI ZIP Drive boot is supported</li> <li>• Bit 6: 1394 boot is supported</li> <li>• Bit 7: Smart Battery supported</li> </ul>
systemBIOSCharacteristicsExt2	.1.3.6.1.4.1.674.10892.1.300.50.1.14	<p>Additional characteristics of the system BIOS. This attribute is a bit field where a bit has the meaning defined below when set to 1 (one).</p> <p>The following bit position have the following meanings if set:</p> <ul style="list-style-type: none"> <li>• Bit 0: BIOS Boot Specification supported</li> <li>• Bit 1: Function key-initiated Network Service boot supported</li> <li>• Bit 2: Targeted Content Distribution supported</li> <li>• Bit 3-7: Reserved</li> </ul>

**firmwareTable**

MIB Object	OID	Description
firmwareTableEntry	.1.3.6.1.4.1.674.10892.1.300.60.1	Firmware Table Entry.
firmwarechassisIndex	.1.3.6.1.4.1.674.10892.1.300.60.1.1	Index (one based) of the associated chassis.
firmwareIndex	.1.3.6.1.4.1.674.10892.1.300.60.1.2	Index (one based) of the firmware.
firmwareStateCapabilities	.1.3.6.1.4.1.674.10892.1.300.60.1.3	State capabilities of the firmware.

MIB Object	OID	Description
firmwareStateSettings	.1.3.6.1.4.1.674.10892.1.300.60.1.4	State settings of the firmware.
firmwareStatus	.1.3.6.1.4.1.674.10892.1.300.60.1.5	Status of the firmware.
firmwareSize	.1.3.6.1.4.1.674.10892.1.300.60.1.6	Image size of the firmware in KB. Zero indicates size is unknown.
firmwareType	.1.3.6.1.4.1.674.10892.1.300.60.1.7	Type of firmware.
firmwareTypeName	.1.3.6.1.4.1.674.10892.1.300.60.1.8	Type name of the firmware.
firmwareUpdateCapabilities	.1.3.6.1.4.1.674.10892.1.300.60.1.9	Bitmap of supported methods for firmware update.
firmwareDateName	.1.3.6.1.4.1.674.10892.1.300.60.1.10	Release date of the firmware.
firmwareVersionName	.1.3.6.1.4.1.674.10892.1.300.60.1.11	Version of the firmware.

#### intrusionTable

MIB Object	OID	Description
intrusionTableEntry	.1.3.6.1.4.1.674.10892.1.300.70.1	Intrusion Table Entry.
intrusionchassisIndex	.1.3.6.1.4.1.674.10892.1.300.70.1.1	Index (one based) of the associated chassis.
intrusionIndex	.1.3.6.1.4.1.674.10892.1.300.70.1.2	Index (one based) of the intrusion sensor.
intrusionStateCapabilities	.1.3.6.1.4.1.674.10892.1.300.70.1.3	State capabilities of the intrusion sensor.
intrusionStateSettings	.1.3.6.1.4.1.674.10892.1.300.70.1.4	State settings of the intrusion sensor.
intrusionStatus	.1.3.6.1.4.1.674.10892.1.300.70.1.5	Status of the intrusion sensor.
intrusionReading	.1.3.6.1.4.1.674.10892.1.300.70.1.6	Reading of the intrusion sensor.
intrusionType	.1.3.6.1.4.1.674.10892.1.300.70.1.7	Type of the intrusion sensor.
intrusionLocationName	.1.3.6.1.4.1.674.10892.1.300.70.1.8	Location of the intrusion sensor.



**baseBoardTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
baseBoardTableEntry	.1.3.6.1.4.1.674.10892.1.300.80.1	Base Board Table Entry
baseBoardChassisIndex	.1.3.6.1.4.1.674.10892.1.300.80.1.1	Index (one based) of the associated chassis.
baseBoardIndex	.1.3.6.1.4.1.674.10892.1.300.80.1.2	Index (one based) of the base board.
baseBoardStateCapabilities	.1.3.6.1.4.1.674.10892.1.300.80.1.3	State capabilities of the base board.
baseBoardStateSettings	.1.3.6.1.4.1.674.10892.1.300.80.1.4	State settings of the base board.
baseBoardStatus	.1.3.6.1.4.1.674.10892.1.300.80.1.5	Status of the base board.
baseBoardFeatureFlags	.1.3.6.1.4.1.674.10892.1.300.80.1.6	Features of the base board.
baseBoardType	.1.3.6.1.4.1.674.10892.1.300.80.1.7	Type of the base board.
baseBoardTypeName	.1.3.6.1.4.1.674.10892.1.300.80.1.8	Type name of the base board.
baseBoardLocationName	.1.3.6.1.4.1.674.10892.1.300.80.1.9	Location of the base board.
baseBoardManufacturerName	.1.3.6.1.4.1.674.10892.1.300.80.1.10	Name of the manufacturer of the base board.
baseBoardProductName	.1.3.6.1.4.1.674.10892.1.300.80.1.11	Product name of the base board.
baseBoardVersionName	.1.3.6.1.4.1.674.10892.1.300.80.1.12	Version of the base board.
baseBoardServiceTagName	.1.3.6.1.4.1.674.10892.1.300.80.1.13	Service tag of the base board.
baseBoardPiecePartIDName	.1.3.6.1.4.1.674.10892.1.300.80.1.14	Piece Part ID (PPID) of the base board.
baseBoardAssetTagName	.1.3.6.1.4.1.674.10892.1.300.80.1.15	Asset tag of the base board.
baseBoardExpressServiceCodeName	.1.3.6.1.4.1.674.10892.1.300.80.1.16	Express Service Code of the base board.

## Operating System Group

The following tables lists the available operating system group MIB objects.

### operatingSystemTable

MIB Object	OID	Description
operatingSystemTableEntry	.1.3.6.1.4.1.674.10892.1.400.10.1	Operating System Table Entry.
operatingSystemchassisIndex	.1.3.6.1.4.1.674.10892.1.400.10.1.1	Index (one based) of the associated chassis.
operatingSystemStateCapabilities	.1.3.6.1.4.1.674.10892.1.400.10.1.2	State capabilities of the operating system.
operatingSystemStateSettings	.1.3.6.1.4.1.674.10892.1.400.10.1.3	State settings of the operating system.
operatingSystemStatus	.1.3.6.1.4.1.674.10892.1.400.10.1.4	Status of the operating system.
operatingSystemIsPrimary	.1.3.6.1.4.1.674.10892.1.400.10.1.5	Whether this operating system is the primary operating system.
operatingSystemOperatingSystem Name	.1.3.6.1.4.1.674.10892.1.400.10.1.6	Name of the operating system.
operatingSystemOperatingSystem VersionName	.1.3.6.1.4.1.674.10892.1.400.10.1.7	Version of the operating system.

### operatingSystemMemoryTable

MIB Object	OID	Description
operatingSystemMemoryTable Entry	.1.3.6.1.4.1.674.10892.1.400.20.1	Operating System Memory Table Entry.
operatingSystemMemorychassis Index	.1.3.6.1.4.1.674.10892.1.400.20.1.1	Index (one based) of the associated chassis.
operatingSystemMemoryState Capabilities	.1.3.6.1.4.1.674.10892.1.400.20.1.2	State capabilities of the operating system memory.
operatingSystemMemoryState Settings	.1.3.6.1.4.1.674.10892.1.400.20.1.3	State settings of the operating system memory.
operatingSystemMemoryStatus	.1.3.6.1.4.1.674.10892.1.400.20.1.4	Status of the operating system memory.
operatingSystemMemoryTotal PhysicalSize	.1.3.6.1.4.1.674.10892.1.400.20.1.5	Total physical memory for the operating system memory in KB.

MIB Object	OID	Description
operatingSystemMemoryAvailable PhysicalSize	.1.3.6.1.4.1.674.10892.1.400.20.1.6	Available physical memory for the operating system memory in KB.
operatingSystemMemoryTotalPage FileSize	.1.3.6.1.4.1.674.10892.1.400.20.1.7	Total page file memory for the operating system memory in KB.
operatingSystemMemoryAvailable PageFileSize	.1.3.6.1.4.1.674.10892.1.400.20.1.8	Available page file memory for the operating system memory in KB.
operatingSystemMemoryTotal VirtualSize	.1.3.6.1.4.1.674.10892.1.400.20.1.9	Total virtual memory for the operating system memory in KB.
operatingSystemMemoryAvailable VirtualSize	.1.3.6.1.4.1.674.10892.1.400.20.1.10	Available virtual memory for the operating system memory in KB.

## System Resource Group

The following tables list the available operating system group MIB objects.

### systemResourceMapTable

MIB Object	OID	Description
systemResourceMapTableEntry	.1.3.6.1.4.1.674.10892.1.500.10.1	System Resource Map Table Entry.
systemResourceMapchassisIndex	.1.3.6.1.4.1.674.10892.1.500.10.1.1	Index (one based) of the associated chassis.
systemResourceMapIndex	.1.3.6.1.4.1.674.10892.1.500.10.1.2	Index (one based) of the system resource map.
systemResourceMapState Capabilities	.1.3.6.1.4.1.674.10892.1.500.10.1.3	State capabilities of the system resource map.
systemResourceMapStateSettings	.1.3.6.1.4.1.674.10892.1.500.10.1.4	State settings of the system resource map.
systemResourceMapStatus	.1.3.6.1.4.1.674.10892.1.500.10.1.5	Status of the system resource map.
systemResourceMapType	.1.3.6.1.4.1.674.10892.1.500.10.1.6	Type of the system resource map.

**systemResourceOwnerTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
systemResourceOwnerTableEntry	.1.3.6.1.4.1.674.10892.1.500.20.1	System Resource Owner Table Entry.
systemResourceOwnerchassisIndex	.1.3.6.1.4.1.674.10892.1.500.20.1.1	Index (one based) of the associated chassis.
systemResourceOwnerIndex	.1.3.6.1.4.1.674.10892.1.500.20.1.2	Index of (one based) of the system resource owner.
systemResourceOwnerState Capabilities	.1.3.6.1.4.1.674.10892.1.500.20.1.3	State capabilities of the system resource owner.
systemResourceOwnerStateSettings	.1.3.6.1.4.1.674.10892.1.500.20.1.4	State settings of the system resource owner.
systemResourceOwnerStatus	.1.3.6.1.4.1.674.10892.1.500.20.1.5	Status of the system resource owner.
systemResourceOwnerInterfaceType	.1.3.6.1.4.1.674.10892.1.500.20.1.6	Interface type of the system resource owner.
systemResourceMapIndexReference	.1.3.6.1.4.1.674.10892.1.500.20.1.7	Index to the associated system resource map.
systemResourceOwnerDescription Name	.1.3.6.1.4.1.674.10892.1.500.20.1.8	Description of the system resource owner.
systemResourceOwnerInterface Instance	.1.3.6.1.4.1.674.10892.1.500.20.1.9	Index to the associated system resource owner interface type.

**systemResourceIOPortTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
systemResourceIOPortTableEntry	.1.3.6.1.4.1.674.10892.1.500.30.1	System Resource I/O Port Table Entry.
systemResourceIOPortchassisIndex	.1.3.6.1.4.1.674.10892.1.500.30.1.1	Index (one based) of the associated chassis.
systemResourceIOPortIndex	.1.3.6.1.4.1.674.10892.1.500.30.1.2	Index (one based) of the system resource I/O port.
systemResourceIOPortState Capabilities	.1.3.6.1.4.1.674.10892.1.500.30.1.3	State capabilities of the system resource I/O port.
systemResourceIOPortStateSettings	.1.3.6.1.4.1.674.10892.1.500.30.1.4	State settings of the system resource I/O port.

MIB Object	OID	Description
systemResourceIOPortStatus	.1.3.6.1.4.1.674.10892.1.500.30.1.5	Status of the system resource I/O port.
systemResourceIOPortOwnerIndex Reference	.1.3.6.1.4.1.674.10892.1.500.30.1.6	Index to the associated system resource owner for this system resource I/O port.
systemResourceIOPortShare Disposition	.1.3.6.1.4.1.674.10892.1.500.30.1.7	The share disposition of the system resource I/O port.
systemResourceIOPortStarting Address	.1.3.6.1.4.1.674.10892.1.500.30.1.8	64-bit starting address of the system resource I/O port.
systemResourceIOPortEnding Address	.1.3.6.1.4.1.674.10892.1.500.30.1.9	64-bit ending address of the system resource I/O port.

**systemResourceMemoryTable**

MIB Object	OID	Description
systemResourceMemoryTableEntry	.1.3.6.1.4.1.674.10892.1.500.40.1	System Resource Memory Table Entry.
systemResourceMemorychassis Index	.1.3.6.1.4.1.674.10892.1.500.40.1.1	Index (one based) of the associated chassis.
systemResourceMemoryIndex	.1.3.6.1.4.1.674.10892.1.500.40.1.2	Index (one based) of the system resource memory.
systemResourceMemoryState Capabilities	.1.3.6.1.4.1.674.10892.1.500.40.1.3	State capabilities of the system resource memory.
systemResourceMemoryState Settings	.1.3.6.1.4.1.674.10892.1.500.40.1.4	State settings of the system resource memory.
systemResourceMemoryStatus	.1.3.6.1.4.1.674.10892.1.500.40.1.5	Status of the system resource memory.
systemResourceMemoryOwner IndexReference	.1.3.6.1.4.1.674.10892.1.500.40.1.6	Index to the associated system resource owner for this system resource memory.
systemResourceMemoryShare Disposition	.1.3.6.1.4.1.674.10892.1.500.40.1.7	The share disposition of the system resource memory.
systemResourceMemoryStarting Address	.1.3.6.1.4.1.674.10892.1.500.40.1.8	64-bit starting address of the system resource memory.

MIB Object	OID	Description
systemResourceMemoryEnding Address	.1.3.6.1.4.1.674.10892.1.500.40.1.9	64-bit ending address of the system resource memory.
systemResourceMemoryFlags	.1.3.6.1.4.1.674.10892.1.500.40.1.10	Permission flags of the system resource memory.

**systemResourceInterruptTable**

MIB Object	OID	Description
systemResourceInterruptTable Entry	.1.3.6.1.4.1.674.10892.1.500.50.1	System Resource Interrupts Table Entry.
systemResourceInterruptchassis Index	.1.3.6.1.4.1.674.10892.1.500.50.1.1	Index (one based) of the associated chassis.
systemResourceInterruptIndex	.1.3.6.1.4.1.674.10892.1.500.50.1.2	Index (one based) of the system resource interrupt.
systemResourceInterruptState Capabilities	.1.3.6.1.4.1.674.10892.1.500.50.1.3	State capabilities of the system resource interrupt.
systemResourceInterruptState Settings	.1.3.6.1.4.1.674.10892.1.500.50.1.4	State settings of the system resource interrupt.
systemResourceInterruptStatus	.1.3.6.1.4.1.674.10892.1.500.50.1.5	Status of the system resource interrupt.
systemResourceInterruptOwner IndexReference	.1.3.6.1.4.1.674.10892.1.500.50.1.6	Index to the associated system resource owner for this system resource interrupt.
systemResourceInterruptShare Disposition	.1.3.6.1.4.1.674.10892.1.500.50.1.7	The share disposition of the system resource interrupt.
systemResourceInterruptLevel	.1.3.6.1.4.1.674.10892.1.500.50.1.8	Interrupt request level (IRQ) of the system resource interrupt.
systemResourceInterruptType	.1.3.6.1.4.1.674.10892.1.500.50.1.9	Interrupt type of the system resource interrupt.
systemResourceInterruptTrigger	.1.3.6.1.4.1.674.10892.1.500.50.1.10	Interrupt trigger of the system resource interrupt.

**systemResourceDMATable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
systemResourceDMATableEntry	.1.3.6.1.4.1.674.10892.1.500.60.1	System Resource DMA Table Entry.
systemResourceDMAchassisIndex	.1.3.6.1.4.1.674.10892.1.500.60.1.1	Index (one based) of the associated chassis.
systemResourceDMAIndex	.1.3.6.1.4.1.674.10892.1.500.60.1.2	Index (one based) of the system resource DMA.
systemResourceDMAState Capabilities	.1.3.6.1.4.1.674.10892.1.500.60.1.3	State capabilities of the system resource DMA.
systemResourceDMAStateSettings	.1.3.6.1.4.1.674.10892.1.500.60.1.4	State settings of the system resource DMA.
systemResourceDMAStatus	.1.3.6.1.4.1.674.10892.1.500.60.1.5	Status of the system resource DMA.
systemResourceDMAOwnerIndex Reference	.1.3.6.1.4.1.674.10892.1.500.60.1.6	Index to the associated system resource owner for this system resource DMA.
systemResourceDMAShare Disposition	.1.3.6.1.4.1.674.10892.1.500.60.1.7	The share disposition of the system resource DMA.
systemResourceDMAMaximum TransferSize	.1.3.6.1.4.1.674.10892.1.500.60.1.8	Maximum size of a memory transfer in bytes for the system resource DMA.
systemResourceDMATransfer Width	.1.3.6.1.4.1.674.10892.1.500.60.1.9	Transfer width of the system resource DMA.
systemResourceDMABusMaster	.1.3.6.1.4.1.674.10892.1.500.60.1.10	Bus master capabilities of the system resource DMA.

**Power Group**

The following tables list the available power group MIB objects.

**powerUnitTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
powerUnitTableEntry	.1.3.6.1.4.1.674.10892.1.600.10.1	Power Unit Table Entry.
powerUnitchassisIndex	.1.3.6.1.4.1.674.10892.1.600.10.1.1	Index (one based) of the chassis.
powerUnitIndex	.1.3.6.1.4.1.674.10892.1.600.10.1.2	Index (one based) of the power unit.

MIB Object	OID	Description
powerUnitStateCapabilities	.1.3.6.1.4.1.674.10892.1.600.10.1.3	State capabilities of the power unit.
powerUnitStateSettings	.1.3.6.1.4.1.674.10892.1.600.10.1.4	State settings of the power unit.
powerUnitRedundancyStatus	.1.3.6.1.4.1.674.10892.1.600.10.1.5	Redundancy status of the power unit.
powerSupplyCountForRedundancy	.1.3.6.1.4.1.674.10892.1.600.10.1.6	Total number of power supplies required for this power unit to have full redundancy.
powerUnitName	.1.3.6.1.4.1.674.10892.1.600.10.1.7	Name of the power unit.
powerUnitStatus	.1.3.6.1.4.1.674.10892.1.600.10.1.8	Status of the power unit.

### powerSupplyTable

MIB Object	OID	Description
powerSupplyTableEntry	.1.3.6.1.4.1.674.10892.1.600.12.1	Power Supply Table Entry.
powerSupplychassisIndex	.1.3.6.1.4.1.674.10892.1.600.12.1.1	Index (one based) of the chassis.
powerSupplyIndex	.1.3.6.1.4.1.674.10892.1.600.12.1.2	Index (one based) of the power supply.
powerSupplyStateCapabilities Unique	.1.3.6.1.4.1.674.10892.1.600.12.1.3	State capabilities of the power supply.
powerSupplyStateSettingsUnique	.1.3.6.1.4.1.674.10892.1.600.12.1.4	State settings of the power supply.
powerSupplyStatus	.1.3.6.1.4.1.674.10892.1.600.12.1.5	Status of the power supply.
powerSupplyOutputWatts	.1.3.6.1.4.1.674.10892.1.600.12.1.6	Maximum sustained output wattage of the power supply, in tenths of watts.
powerSupplyType	.1.3.6.1.4.1.674.10892.1.600.12.1.7	Type of the power supply.
powerSupplyLocationName	.1.3.6.1.4.1.674.10892.1.600.12.1.8	Location of the power supply.
powerSupplyInputVoltage	.1.3.6.1.4.1.674.10892.1.600.12.1.9	Input voltage to the power supply, in volts.
powerSupplypowerUnitIndex Reference	.1.3.6.1.4.1.674.10892.1.600.12.1.10	Index to the associated power unit if the power supply is part of a power unit.



MIB Object	OID	Description
powerSupplySensorState	.1.3.6.1.4.1.674.10892.1.600.12.1.11	State reported by the power supply sensor. This attribute supplements the attribute powerSupplyStateSettings Unique.
powerSupplyConfigurationError Type	.1.3.6.1.4.1.674.10892.1.600.12.1.12	Type of configuration error reported by the power supply sensor. When the configurationError bit is on in the value for the attribute powerSupplySensorState, a value is returned for this attribute; otherwise, a value is not returned for this attribute.
powerSupplyPowerMonitorCapable	.1.3.6.1.4.1.674.10892.1.600.12.1.13	A boolean value that reports whether the power supply is capable of monitoring power consumption.
powerSupplyRatedInputWattage	.1.3.6.1.4.1.674.10892.1.600.12.1.14	Rated input wattage of the power supply (in tenths of Watts).

**voltageProbeTable**

MIB Object	OID	Description
voltageProbeTableEntry	.1.3.6.1.4.1.674.10892.1.600.20.1	Voltage Probe Table Entry.
voltageProbechassisIndex	.1.3.6.1.4.1.674.10892.1.600.20.1.1	Index (one based) of the chassis.
voltageProbeIndex	.1.3.6.1.4.1.674.10892.1.600.20.1.2	Index (one based) of the voltage probe.
voltageProbeStateCapabilities	.1.3.6.1.4.1.674.10892.1.600.20.1.3	State capabilities of the voltage probe.
voltageProbeStateSettings	.1.3.6.1.4.1.674.10892.1.600.20.1.4	State settings of the voltage probe.
voltageProbeStatus	.1.3.6.1.4.1.674.10892.1.600.20.1.5	Probe status of the voltage probe.

MIB Object	OID	Description
voltageProbeReading	.1.3.6.1.4.1.674.10892.1.600.20.1.6	Reading for a voltage probe of type other than voltageProbeTypeIsDiscrete. When the value for voltageProbeType is other than voltageProbeTypeIsDiscrete, the value returned for this attribute is the voltage that the probe is reading in millivolts. When the value for voltageProbeType is voltageProbeTypeIsDiscrete, a value is not returned for this attribute.
voltageProbeType	.1.3.6.1.4.1.674.10892.1.600.20.1.7	Type of the voltage probe.
voltageProbeLocationName	.1.3.6.1.4.1.674.10892.1.600.20.1.8	Location name of the voltage probe.
voltageProbeUpperNonRecoverableThreshold	.1.3.6.1.4.1.674.10892.1.600.20.1.9	Upper nonrecoverable threshold of the voltage probe. The value is an integer representing the voltage of the threshold in millivolts.
voltageProbeUpperCriticalThreshold	.1.3.6.1.4.1.674.10892.1.600.20.1.10	Upper critical threshold of the voltage probe. The value is an integer representing the voltage of the threshold in millivolts.
voltageProbeUpperNonCriticalThreshold	.1.3.6.1.4.1.674.10892.1.600.20.1.11	Upper noncritical threshold of the voltage probe. The value is an integer representing the voltage of the threshold in millivolts.
voltageProbeLowerNonCriticalThreshold	.1.3.6.1.4.1.674.10892.1.600.20.1.12	Lower noncritical threshold of the voltage probe. The value is an integer representing the voltage of the threshold in millivolts.
voltageProbeLowerCriticalThreshold	.1.3.6.1.4.1.674.10892.1.600.20.1.13	Lower critical threshold of the voltage probe. The value is an integer representing the voltage of the threshold in millivolts.
voltageProbeLowerNonRecoverableThreshold	.1.3.6.1.4.1.674.10892.1.600.20.1.14	Lower nonrecoverable threshold of the voltage probe. The value is an integer representing the voltage of the threshold in millivolts.

MIB Object	OID	Description
voltageProbeProbeCapabilities	.1.3.6.1.4.1.674.10892.1.600.20.1.15	Probe capabilities of the voltage probe.
voltageProbeDiscreteReading	.1.3.6.1.4.1.674.10892.1.600.20.1.16	Reading for a voltage probe of type voltageProbeTypeIsDiscrete. When the value for voltageProbeType is other than voltageProbeTypeIsDiscrete, a value is not returned for this attribute. When the value for voltageProbeType is voltageProbeTypeIsDiscrete, the value returned for this attribute is the discrete reading for the probe.

**amperageProbeTable**

MIB Object	OID	Description
amperageProbeTableEntry	.1.3.6.1.4.1.674.10892.1.600.30.1	Amperage Probe Table Entry.
amperageProbechassisIndex	.1.3.6.1.4.1.674.10892.1.600.30.1.1	Index (one based) of the chassis.
amperageProbeIndex	.1.3.6.1.4.1.674.10892.1.600.30.1.2	Index (one based) of the amperage probe.
amperageProbeStateCapabilities	.1.3.6.1.4.1.674.10892.1.600.30.1.3	State capabilities of the amperage probe.
amperageProbeStateSettings	.1.3.6.1.4.1.674.10892.1.600.30.1.4	State settings of the amperage probe.
amperageProbeStatus	.1.3.6.1.4.1.674.10892.1.600.30.1.5	Probe status of the amperage probe.

MIB Object	OID	Description
amperageProbeReading	.1.3.6.1.4.1.674.10892.1.600.30.1.6	<p>Reading for an amperage probe of type other than amperageProbeTypeIsDiscrete.</p> <p>When the value for amperageProbeType is amperageProbeTypeIsPowerSupplyAmps or amperageProbeTypeIsSystemAmps, the value returned for this attribute is the power usage that the probe is reading in tenths of Amps.</p> <p>When the value for amperageProbeType is amperageProbeTypeIsPowerSupplyWatts or amperageProbeTypeIsSystemWatts, the value returned for this attribute is the power usage that the probe is reading in Watts.</p> <p>When the value for amperageProbeType is other than amperageProbeTypeIsDiscrete, amperageProbeTypeIsPowerSupplyAmps, amperageProbeTypeIsPowerSupplyWatts, amperageProbeTypeIsSystemAmps or amperageProbeTypeIsSystemWatts, the value returned for this attribute is the amperage that the probe is reading in Milliamps.</p> <p>When the value for amperageProbeType is amperageProbeTypeIsDiscrete, a value is not returned for this attribute.</p>
amperageProbeType	.1.3.6.1.4.1.674.10892.1.600.30.1.7	Type of the amperage probe.
amperageProbeLocationName	.1.3.6.1.4.1.674.10892.1.600.30.1.8	Location of the amperage probe.
amperageProbeUpperNonRecoverableThreshold	.1.3.6.1.4.1.674.10892.1.600.30.1.9	Upper nonrecoverable threshold of the amperage probe. The value is an integer representing the amperage of the threshold in milliamps.

MIB Object	OID	Description
amperageProbeUpperCritical Threshold	.1.3.6.1.4.1.674.10892.1.600.30.1.10	Upper critical threshold of the amperage probe. The value is an integer representing the amperage of the threshold in milliamps.
amperageProbeUpperNonCritical Threshold	.1.3.6.1.4.1.674.10892.1.600.30.1.11	Upper noncritical threshold of the amperage probe. The value is an integer representing the amperage of the threshold in milliamps.
amperageProbeLowerNonCritical Threshold	.1.3.6.1.4.1.674.10892.1.600.30.1.12	Lower noncritical threshold of the amperage probe. The value is an integer representing the amperage of the threshold in milliamps.
amperageProbeLowerCritical Threshold	.1.3.6.1.4.1.674.10892.1.600.30.1.13	Lower critical threshold of the amperage probe. The value is an integer representing the amperage of the threshold in milliamps.
amperageProbeLowerNon RecoverableThreshold	.1.3.6.1.4.1.674.10892.1.600.30.1.14	Lower nonrecoverable threshold of the amperage probe. The value is an integer representing the amperage of the threshold in milliamps.
amperageProbeProbeCapabilities	.1.3.6.1.4.1.674.10892.1.600.30.1.15	Probe capabilities of the amperage probe.
amperageProbeDiscreteReading	.1.3.6.1.4.1.674.10892.1.600.30.1.16	Reading for an amperage probe of type <code>amperageProbeTypeIsDiscrete</code> . When the value for <code>amperageProbeType</code> is other than <code>amperageProbeTypeIsDiscrete</code> , a value is not returned for this attribute. When the value for <code>amperageProbeType</code> is <code>amperageProbeTypeIsDiscrete</code> , the value returned for this attribute is the discrete reading for the probe.

**aCPowerSwitchTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
aCPowerSwitchTableEntry	.1.3.6.1.4.1.674.10892.1.600.40.1	AC Power Switch Table Entry.
aCPowerSwitchchassisIndex	.1.3.6.1.4.1.674.10892.1.600.40.1.1	Index (one based) of the associated chassis.
aCPowerSwitchIndex	.1.3.6.1.4.1.674.10892.1.600.40.1.2	Index (one based) of the AC power switch.
aCPowerSwitchCapabilities	.1.3.6.1.4.1.674.10892.1.600.40.1.3	Capabilities of the AC power switch.
aCPowerSwitchSettings	.1.3.6.1.4.1.674.10892.1.600.40.1.4	Settings of the AC power switch.
aCPowerSwitchRedundancyStatus	.1.3.6.1.4.1.674.10892.1.600.40.1.5	Redundancy status of the AC power switch.
aCPowerCordCountForRedundancy	.1.3.6.1.4.1.674.10892.1.600.40.1.6	Total number of AC power cords required for this AC power switch to have full redundancy.
aCPowerSwitchName	.1.3.6.1.4.1.674.10892.1.600.40.1.7	Name of the AC power switch.
aCPowerSwitchRedundancyMode	.1.3.6.1.4.1.674.10892.1.600.40.1.8	Redundancy mode of the AC power switch.
aCPowerSwitchStatus	.1.3.6.1.4.1.674.10892.1.600.40.1.9	Status of the AC power switch.

**aCPowerCordTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
aCPowerCordTableEntry	.1.3.6.1.4.1.674.10892.1.600.42.1	AC Power Cord Table Entry.
aCPowerCordchassisIndex	.1.3.6.1.4.1.674.10892.1.600.42.1.1	Index (one based) of the associated chassis.
aCPowerCordIndex	.1.3.6.1.4.1.674.10892.1.600.42.1.2	Index (one based) of the AC power cord.
aCPowerCordStateCapabilities	.1.3.6.1.4.1.674.10892.1.600.42.1.3	State capabilities of the AC power cord.
aCPowerCordStateSettings	.1.3.6.1.4.1.674.10892.1.600.42.1.4	State settings of the AC power cord.
aCPowerCordStatus	.1.3.6.1.4.1.674.10892.1.600.42.1.5	Status of the AC power cord.

MIB Object	OID	Description
aCPowerCordaCPowerSwitchIndex Reference	.1.3.6.1.4.1.674.10892.1.600.42.1.6	Index (one based) to the associated AC power switch for this AC power cord.
aCPowerCordLocationName	.1.3.6.1.4.1.674.10892.1.600.42.1.7	Location of the AC power cord.

**batteryTable**

MIB Object	OID	Description
batteryTableEntry	.1.3.6.1.4.1.674.10892.1.600.50.1	Battery Table Entry.
batteryChassisIndex	.1.3.6.1.4.1.674.10892.1.600.50.1.1	Index (one based) of the chassis that contains the battery.
batteryIndex	.1.3.6.1.4.1.674.10892.1.600.50.1.2	Index (one based) of the battery.
batteryStateCapabilities	.1.3.6.1.4.1.674.10892.1.600.50.1.3	State capabilities of the battery.
batteryStateSettings	.1.3.6.1.4.1.674.10892.1.600.50.1.4	State settings of the battery.
batteryStatus	.1.3.6.1.4.1.674.10892.1.600.50.1.5	Status of the battery.
batteryReading	.1.3.6.1.4.1.674.10892.1.600.50.1.6	Reading of the battery.
batteryLocationName	.1.3.6.1.4.1.674.10892.1.600.50.1.7	Location of the battery.

**powerUsageTable**

MIB Object	OID	Description
powerUsageTableEntry	.1.3.6.1.4.1.674.10892.1.600.60.1	Power Usage Table Entry.
powerUsageChassisIndex	.1.3.6.1.4.1.674.10892.1.600.60.1.1	Index (one based) of the associated chassis.
powerUsageIndex	.1.3.6.1.4.1.674.10892.1.600.60.1.2	Index (one based) of the power usage information.
powerUsageStateCapabilities	.1.3.6.1.4.1.674.10892.1.600.60.1.3	State capabilities of the power usage information.
powerUsageStateSettings	.1.3.6.1.4.1.674.10892.1.600.60.1.4	State settings of the power usage information.
powerUsageStatus	.1.3.6.1.4.1.674.10892.1.600.60.1.5	Status of the power usage information.

MIB Object	OID	Description
powerUsageEntityName	.1.3.6.1.4.1.674.10892.1.600.60.1.6	Name of the entity associated with this power usage information.
powerUsageCumulativeWattage	.1.3.6.1.4.1.674.10892.1.600.60.1.7	Total wattage used (in Watt-hours) by this entity since the date and time specified by the powerUsageCumulativeWattageStartDateName attribute.
powerUsageCumulativeWattageStartDateName	.1.3.6.1.4.1.674.10892.1.600.60.1.8	Date and time at which the data collection started for the value reported by the powerUsageCumulativeWattage attribute.
powerUsagePeakWatts	.1.3.6.1.4.1.674.10892.1.600.60.1.9	Peak wattage reading (in Watts) for this entity since the date and time specified by the powerUsagePeakWattsStartDateName attribute.
powerUsagePeakWattsStartDateName	.1.3.6.1.4.1.674.10892.1.600.60.1.10	Date and time at which the data collection started for the value reported by the powerUsagePeakWatts attribute.
powerUsagePeakWattsReadingDateName	.1.3.6.1.4.1.674.10892.1.600.60.1.11	Date and time at which the value reported by the powerUsagePeakWatts attribute was measured.
powerUsagePeakAmps	.1.3.6.1.4.1.674.10892.1.600.60.1.12	Peak amperage reading (in tenths of Amps) for this entity since the date and time specified by the powerUsagePeakAmpsStartDateName attribute.
powerUsagePeakAmpsStartDateName	.1.3.6.1.4.1.674.10892.1.600.60.1.13	Date and time at which the data collection started for the value reported by the powerUsagePeakAmps attribute.
powerUsagePeakAmpsReadingDateName	.1.3.6.1.4.1.674.10892.1.600.60.1.14	Date and time at which the value reported by the powerUsagePeakAmps attribute was measured.



MIB Object	OID	Description
powerUsageIdlePower	.1.3.6.1.4.1.674.10892.1.600.60.1.15	System idle power (in Watts). This is the minimum power the system can consume based on the current hardware configuration.
powerUsageMaxPotentialPower	.1.3.6.1.4.1.674.10892.1.600.60.1.16	System maximum potential power (in Watts). This is the maximum power the system can consume based on the current hardware configuration.
powerUsagePowerCapCapabilities	.1.3.6.1.4.1.674.10892.1.600.60.1.17	System power cap capabilities.
powerUsagePowerCapSetting	.1.3.6.1.4.1.674.10892.1.600.60.1.18	System power cap setting.
powerUsagePowerCapValue	.1.3.6.1.4.1.674.10892.1.600.60.1.19	System power cap value (in Watts).
powerUsageInstantaneousHeadroom	.1.3.6.1.4.1.674.10892.1.600.60.1.20	System instantaneous headroom (in Watts). This is the theoretical maximum power drawn by the power supply minus instantaneous power draw.
powerUsagePeakHeadroom	.1.3.6.1.4.1.674.10892.1.600.60.1.21	System peak headroom (in Watts). This is the theoretical maximum power drawn by the power supply minus peak power draw.

## Thermal Group

The following tables list the available thermal group MIB objects.

### coolingUnitTable

MIB Object	OID	Description
coolingUnitTableEntry	.1.3.6.1.4.1.674.10892.1.700.10.1	Cooling Unit Table Entry.
coolingUnitChassisIndex	.1.3.6.1.4.1.674.10892.1.700.10.1.1	Index (one based) of the associated chassis.
coolingUnitIndex	.1.3.6.1.4.1.674.10892.1.700.10.1.2	Index (one based) of the cooling unit.
coolingUnitStateCapabilities	.1.3.6.1.4.1.674.10892.1.700.10.1.3	State capabilities of the cooling unit.
coolingUnitStateSettings	.1.3.6.1.4.1.674.10892.1.700.10.1.4	State settings of the cooling unit.

MIB Object	OID	Description
coolingUnitRedundancyStatus	.1.3.6.1.4.1.674.10892.1.700.10.1.5	Redundancy status of the cooling unit.
coolingDeviceCountForRedundancy	.1.3.6.1.4.1.674.10892.1.700.10.1.6	Total number of cooling devices required for this cooling unit to have full redundancy.
coolingUnitName	.1.3.6.1.4.1.674.10892.1.700.10.1.7	Name of the cooling unit.
coolingUnitStatus	.1.3.6.1.4.1.674.10892.1.700.10.1.8	Status of the cooling unit.

### coolingDeviceTable

MIB Object	OID	Description
coolingDeviceTableEntry	.1.3.6.1.4.1.674.10892.1.700.12.1	Cooling Device Table Entry.
coolingDevicechassisIndex	.1.3.6.1.4.1.674.10892.1.700.12.1.1	Index (one based) of the associated chassis.
coolingDeviceIndex	.1.3.6.1.4.1.674.10892.1.700.12.1.2	Index (one based) of the cooling device.
coolingDeviceStateCapabilities	.1.3.6.1.4.1.674.10892.1.700.12.1.3	State capabilities of the cooling device.
coolingDeviceStateSettings	.1.3.6.1.4.1.674.10892.1.700.12.1.4	State settings of the cooling device.
coolingDeviceStatus	.1.3.6.1.4.1.674.10892.1.700.12.1.5	Probe status of the cooling device.
coolingDeviceReading	.1.3.6.1.4.1.674.10892.1.700.12.1.6	Reading for a cooling device of subtype other than coolingDeviceSubTypeIs Discrete. When the value for coolingDeviceSubType is other than coolingDeviceSubTypeIs Discrete, the value returned for this attribute is the speed in RPM or the OFF/ON value of the cooling device. When the value for coolingDeviceSubType is coolingDeviceSubTypeIs Discrete, a value is not returned for this attribute.
coolingDeviceType	.1.3.6.1.4.1.674.10892.1.700.12.1.7	Type of the cooling device.

MIB Object	OID	Description
coolingDeviceLocationName	.1.3.6.1.4.1.674.10892.1.700.12.1.8	Location name of the cooling device.
coolingDeviceUpperNonRecoverableThreshold	.1.3.6.1.4.1.674.10892.1.700.12.1.9	Upper nonrecoverable threshold of the cooling device. The value is an integer representing fan speed in revolutions per minute (RPM). It is not applicable to OFF/ON type cooling devices or non-cooling device types.
coolingDeviceUpperCriticalThreshold	.1.3.6.1.4.1.674.10892.1.700.12.1.10	Upper critical threshold of the cooling device. The value is an integer representing fan speed in revolutions per minute (RPM). It is not applicable to OFF/ON type cooling devices or non-cooling device types.
coolingDeviceUpperNonCriticalThreshold	.1.3.6.1.4.1.674.10892.1.700.12.1.11	Upper noncritical threshold of the cooling device. The value is an integer representing fan speed in revolutions per minute (RPM). It is not applicable to OFF/ON type cooling devices or non-cooling device types.
coolingDeviceLowerNonCriticalThreshold	.1.3.6.1.4.1.674.10892.1.700.12.1.12	Lower noncritical threshold of the cooling device. The value is an integer representing fan speed in revolutions per minute (RPM). It is not applicable to OFF/ON type cooling devices or non-cooling device types.
coolingDeviceLowerCriticalThreshold	.1.3.6.1.4.1.674.10892.1.700.12.1.13	Lower critical threshold of the cooling device. The value is an integer representing fan speed in revolutions per minute (RPM). It is not applicable to OFF/ON type cooling devices or non-cooling device types.

MIB Object	OID	Description
coolingDeviceLowerNonRecoverableThreshold	.1.3.6.1.4.1.674.10892.1.700.12.1.14	Lower nonrecoverable threshold of the cooling device. The value is an integer representing fan speed in revolutions per minute (RPM). It is not applicable to OFF/ON type cooling devices or non-cooling device types.
coolingDevicecoolingUnitIndexReference	.1.3.6.1.4.1.674.10892.1.700.12.1.15	Index to the associated cooling unit.
coolingDeviceSubType	.1.3.6.1.4.1.674.10892.1.700.12.1.16	Subtype of the cooling device.
coolingDeviceProbeCapabilities	.1.3.6.1.4.1.674.10892.1.700.12.1.17	Probe capabilities of the cooling device.
coolingDeviceDiscreteReading	.1.3.6.1.4.1.674.10892.1.700.12.1.18	Reading for a cooling device of type coolingDeviceSubTypeIs Discrete.  When the value for coolingDeviceSubType is other than coolingDeviceSubTypeIs Discrete, a value is not returned for this attribute.  When the value for coolingDeviceSubType is coolingDeviceSubTypeIs Discrete, the value returned for this attribute is the discrete reading for the cooling device.

**temperatureProbeTable**

MIB Object	OID	Description
temperatureProbeTableEntry	.1.3.6.1.4.1.674.10892.1.700.20.1	Temperature Probe Table Entry.
temperatureProbechassisIndex	.1.3.6.1.4.1.674.10892.1.700.20.1.1	Index (one based) of the associated chassis.
temperatureProbeIndex	.1.3.6.1.4.1.674.10892.1.700.20.1.2	Index (one based) of the temperature probe.
temperatureProbeStateCapabilities	.1.3.6.1.4.1.674.10892.1.700.20.1.3	State capabilities of the temperature probe.
temperatureProbeStateSettings	.1.3.6.1.4.1.674.10892.1.700.20.1.4	State settings of the temperature probe.

MIB Object	OID	Description
temperatureProbeStatus	.1.3.6.1.4.1.674.10892.1.700.20.1.5	Probe status of the temperature probe.
temperatureProbeReading	.1.3.6.1.4.1.674.10892.1.700.20.1.6	Reading for a temperature probe of type other than temperatureProbeTypeIsDiscrete. When the value for temperatureProbeType is other than temperatureProbeTypeIsDiscrete, the value returned for this attribute is the temperature that the probe is reading in tenths of degrees Centigrade. When the value for temperatureProbeType is temperatureProbeTypeIsDiscrete, a value is not returned for this attribute.
temperatureProbeType	.1.3.6.1.4.1.674.10892.1.700.20.1.7	Type of the temperature probe.
temperatureProbeLocationName	.1.3.6.1.4.1.674.10892.1.700.20.1.8	Location name of the temperature probe.
temperatureProbeUpperNonRecoverableThreshold	.1.3.6.1.4.1.674.10892.1.700.20.1.9	Upper nonrecoverable threshold of the temperature probe. The value is an integer representing the temperature of the threshold in tenths of degrees Centigrade.
temperatureProbeUpperCriticalThreshold	.1.3.6.1.4.1.674.10892.1.700.20.1.10	Upper critical threshold of the temperature probe. The value is an integer representing the temperature of the threshold in tenths of degrees Centigrade.
temperatureProbeUpperNonCriticalThreshold	.1.3.6.1.4.1.674.10892.1.700.20.1.11	Upper noncritical threshold of the temperature probe. The value is an integer representing the temperature of the threshold in tenths of degrees Centigrade.
temperatureProbeLowerNonCriticalThreshold	.1.3.6.1.4.1.674.10892.1.700.20.1.12	Lower noncritical threshold of the temperature probe. The value is an integer representing the temperature of the threshold in tenths of degrees Centigrade.

MIB Object	OID	Description
temperatureProbeLowerCriticalThreshold	.1.3.6.1.4.1.674.10892.1.700.20.1.13	Lower critical threshold of the temperature probe. The value is an integer representing the temperature of the threshold in tenths of degrees Centigrade.
temperatureProbeLowerNonRecoverableThreshold	.1.3.6.1.4.1.674.10892.1.700.20.1.14	Lower nonrecoverable threshold of the temperature probe. The value is an integer representing the temperature of the threshold in tenths of degrees Centigrade.
temperatureProbeProbeCapabilities	.1.3.6.1.4.1.674.10892.1.700.20.1.15	Probe capabilities of the temperature probe.
temperatureProbeDiscreteReading	.1.3.6.1.4.1.674.10892.1.700.20.1.16	Reading for a temperature probe of type temperatureProbeTypeIsDiscrete. When the value for temperatureProbeType is other than temperatureProbeTypeIsDiscrete, a value is not returned for this attribute.  When the value for temperatureProbeType is temperatureProbeTypeIsDiscrete, the value returned for this attribute is the discrete reading for the probe.

## User Security Group

The following table lists the available user security group MIB objects.

### userSecurityTable

MIB Object	OID	Description
userSecurityTableEntry	.1.3.6.1.4.1.674.10892.1.800.10.1	User Security Table Entry.
userSecuritychassisIndex	.1.3.6.1.4.1.674.10892.1.800.10.1.1	Index (one based) of the associated chassis.
userSecurityIndex	.1.3.6.1.4.1.674.10892.1.800.10.1.2	Index (one based) of the user.
userSecurityUserName	.1.3.6.1.4.1.674.10892.1.800.10.1.3	Name of the user that is authorized to perform Set operations on this system.

MIB Object	OID	Description
userSecurityControlName	.1.3.6.1.4.1.674.10892.1.800.10.1.4	Control string that is used for managing users in this table.
userSecurityRequestName	.1.3.6.1.4.1.674.10892.1.800.10.1.5	Request string that is used for Set requests on this system.

## Remote Flash BIOS Group

The following table lists the available remote flash BIOS group MIB objects.

### remoteFlashBIOSTable

MIB Object	OID	Description
remoteFlashBIOSTableEntry	.1.3.6.1.4.1.674.10892.1.900.10.1	Remote Flash BIOS Table Entry.
remoteFlashBIOSchassisIndex	.1.3.6.1.4.1.674.10892.1.900.10.1.1	Index (one based) of the associated chassis.
remoteFlashBIOSIndex	.1.3.6.1.4.1.674.10892.1.900.10.1.2	Index (one based) of the remote flash BIOS function.
remoteFlashBIOSStateCapabilities Unique	.1.3.6.1.4.1.674.10892.1.900.10.1.3	State capabilities of the remote flash BIOS function.
remoteFlashBIOSStateSettings Unique	.1.3.6.1.4.1.674.10892.1.900.10.1.4	State settings of the remote flash BIOS function.
remoteFlashBIOSStatus	.1.3.6.1.4.1.674.10892.1.900.10.1.5	Status of the remote flash BIOS function.
remoteFlashBIOSLastBIOSDate Name	.1.3.6.1.4.1.674.10892.1.900.10.1.6	Date of last BIOS update. Dates are defined in the ASCII format: <code>yyyyMMddhhmmss . uuuuuu+ f f f</code> or <code>yyyyMMddhhmmss . uuuuuu- f f f</code> where <i>yyyy</i> is the year, <i>MM</i> is the month, <i>dd</i> is the day, <i>hh</i> are the hours, <i>mm</i> are the minutes, <i>ss</i> are the seconds, <i>uuuuuu</i> is the number of microseconds, and <i>+fff</i> or <i>-fff</i> is the offset from UTC in minutes.

MIB Object	OID	Description
remoteFlashBIOSCompletionCode	.1.3.6.1.4.1.674.10892.1.900.10.1.7	Completion code of the last BIOS update.
remoteFlashBIOSMinimumContiguousMemory	.1.3.6.1.4.1.674.10892.1.900.10.1.8	Minimum size of contiguous memory required for the remote flash BIOS function in KB.

## Port Group

The following tables list the available port group MIB objects.

### pointingPortTable

MIB Object	OID	Description
pointingPortTableEntry	.1.3.6.1.4.1.674.10892.1.1000.10.1	Pointing Port Table Entry.
pointingPortchassisIndex	.1.3.6.1.4.1.674.10892.1.1000.10.1.1	Index (one based) of the associated chassis.
pointingPortIndex	.1.3.6.1.4.1.674.10892.1.1000.10.1.2	Index (one based) of the pointing port.
pointingPortStateCapabilities	.1.3.6.1.4.1.674.10892.1.1000.10.1.3	State capabilities of the pointing port.
pointingPortStateSettings	.1.3.6.1.4.1.674.10892.1.1000.10.1.4	State settings of the pointing port.
pointingPortStatus	.1.3.6.1.4.1.674.10892.1.1000.10.1.5	Status of the pointing port.
pointingPortSecurityState	.1.3.6.1.4.1.674.10892.1.1000.10.1.6	Security state of the pointing port.
pointingPortConnectorType	.1.3.6.1.4.1.674.10892.1.1000.10.1.7	Connector type of the pointing port.
pointingPortName	.1.3.6.1.4.1.674.10892.1.1000.10.1.8	Name of the pointing port.
pointingPortBIOSConnectorType	.1.3.6.1.4.1.674.10892.1.1000.10.1.9	BIOS connector type of the pointing port.



**keyboardPortTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
keyboardPortTableEntry	.1.3.6.1.4.1.674.10892.1.1000.20.1	Keyboard Port Table Entry.
keyboardPortchassisIndex	.1.3.6.1.4.1.674.10892.1.1000.20.1.1	Index (one based) of the associated chassis.
keyboardPortIndex	.1.3.6.1.4.1.674.10892.1.1000.20.1.2	Index (one based) of the keyboard port.
keyboardPortStateCapabilities	.1.3.6.1.4.1.674.10892.1.1000.20.1.3	State capabilities of the keyboard port.
keyboardPortStateSettings	.1.3.6.1.4.1.674.10892.1.1000.20.1.4	State settings of the keyboard port.
keyboardPortStatus	.1.3.6.1.4.1.674.10892.1.1000.20.1.5	Status of the keyboard port.
keyboardPortSecurityState	.1.3.6.1.4.1.674.10892.1.1000.20.1.6	Security state of the keyboard port.
keyboardPortConnectorType	.1.3.6.1.4.1.674.10892.1.1000.20.1.7	Connector type of the keyboard port.
keyboardPortName	.1.3.6.1.4.1.674.10892.1.1000.20.1.8	Name of the keyboard port.
keyboardPortBIOSConnectorType	.1.3.6.1.4.1.674.10892.1.1000.20.1.9	BIOS connector type of the keyboard port.

**processorPortTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
processorPortTableEntry	.1.3.6.1.4.1.674.10892.1.1000.30.1	Processor Port Table Entry.
processorPortchassisIndex	.1.3.6.1.4.1.674.10892.1.1000.30.1.1	Index (one based) of the associated chassis.
processorPortIndex	.1.3.6.1.4.1.674.10892.1.1000.30.1.2	Index (one based) of the processor port.
processorPortStateCapabilities	.1.3.6.1.4.1.674.10892.1.1000.30.1.3	State capabilities of the processor port.
processorPortStateSettings	.1.3.6.1.4.1.674.10892.1.1000.30.1.4	State settings of the processor port.
processorPortStatus	.1.3.6.1.4.1.674.10892.1.1000.30.1.5	Status of the processor port.
processorPortSecurityState	.1.3.6.1.4.1.674.10892.1.1000.30.1.6	Security state of the processor port.

MIB Object	OID	Description
processorPortConnectorType	.1.3.6.1.4.1.674.10892.1.1000.30.1.7	Connector type of the processor port.
processorPortName	.1.3.6.1.4.1.674.10892.1.1000.30.1.8	Name of the processor port.
processorPortBIOSConnectorType	.1.3.6.1.4.1.674.10892.1.1000.30.1.9	BIOS connector type of the processor port.

**memoryDevicePortTable**

MIB Object	OID	Description
memoryDevicePortTableEntry	.1.3.6.1.4.1.674.10892.1.1000.40.1	Memory Device Port Table Entry.
memoryDevicePortchassisIndex	.1.3.6.1.4.1.674.10892.1.1000.40.1.1	Index (one based) of the associated chassis.
memoryDevicePortIndex	.1.3.6.1.4.1.674.10892.1.1000.40.1.2	Index (one based) of the memory device port.
memoryDevicePortState Capabilities	.1.3.6.1.4.1.674.10892.1.1000.40.1.3	State capabilities of the memory device port.
memoryDevicePortStateSettings	.1.3.6.1.4.1.674.10892.1.1000.40.1.4	State settings of the memory device port.
memoryDevicePortStatus	.1.3.6.1.4.1.674.10892.1.1000.40.1.5	Status of the memory device port.
memoryDevicePortSecurityState	.1.3.6.1.4.1.674.10892.1.1000.40.1.6	Security state of the memory device port.
memoryDevicePortConnectorType	.1.3.6.1.4.1.674.10892.1.1000.40.1.7	Connector type of the memory device port.
memoryDevicePortName	.1.3.6.1.4.1.674.10892.1.1000.40.1.8	Name of the memory device port.
memoryDevicePortBIOS ConnectorType	.1.3.6.1.4.1.674.10892.1.1000.40.1.9	BIOS connector type of the memory device port.
memoryDevicePortPhysical MemoryArrayIndexReference	.1.3.6.1.4.1.674.10892.1.1000.40.1.10	Index (one based) of the Physical Memory Array Table entry for the physical memory array with the same chassis index that this memory device port is associated with.

MIB Object	OID	Description
memoryDevicePortPhysicalMemoryCardIndexReference	.1.3.6.1.4.1.674.10892.1.1000.40.1.11	Index (one based) of the Physical Memory Card Table entry for the physical memory card with the same chassis index that this memory device port is associated with (if any).

**monitorPortTable**

MIB Object	OID	Description
monitorPortTableEntry	.1.3.6.1.4.1.674.10892.1.1000.50.1	Monitor Port Table Entry.
monitorPortchassisIndex	.1.3.6.1.4.1.674.10892.1.1000.50.1.1	Index (one based) of the associated chassis.
monitorPortIndex	.1.3.6.1.4.1.674.10892.1.1000.50.1.2	Index (one based) of the monitor port.
monitorPortStateCapabilities	.1.3.6.1.4.1.674.10892.1.1000.50.1.3	State capabilities of the monitor port.
monitorPortStateSettings	.1.3.6.1.4.1.674.10892.1.1000.50.1.4	State settings of the monitor port.
monitorPortStatus	.1.3.6.1.4.1.674.10892.1.1000.50.1.5	Status of the monitor port.
monitorPortSecurityState	.1.3.6.1.4.1.674.10892.1.1000.50.1.6	Security state of the monitor port.
monitorPortConnectorType	.1.3.6.1.4.1.674.10892.1.1000.50.1.7	Connector type of the monitor port.
monitorPortName	.1.3.6.1.4.1.674.10892.1.1000.50.1.8	Name of the monitor port.
monitorPortBIOSConnectorType	.1.3.6.1.4.1.674.10892.1.1000.50.1.9	BIOS connector type of the monitor port.

**sCSIPortTable**

MIB Object	OID	Description
sCSIPortTableEntry	.1.3.6.1.4.1.674.10892.1.1000.60.1	Small Computer Systems Interface (SCSI) Port Table Entry.
sCSIPortchassisIndex	.1.3.6.1.4.1.674.10892.1.1000.60.1.1	Index (one based) of the associated chassis.
sCSIPortIndex	.1.3.6.1.4.1.674.10892.1.1000.60.1.2	Index (one based) of the SCSI port.

MIB Object	OID	Description
sCSIPortStateCapabilities	.1.3.6.1.4.1.674.10892.1.1000.60.1.3	State capabilities of the SCSI port.
sCSIPortStateSettings	.1.3.6.1.4.1.674.10892.1.1000.60.1.4	State settings of the SCSI port.
sCSIPortStatus	.1.3.6.1.4.1.674.10892.1.1000.60.1.5	Status of the SCSI port.
sCSIPortSecurityState	.1.3.6.1.4.1.674.10892.1.1000.60.1.6	Security state of the SCSI port.
sCSIPortConnectorType	.1.3.6.1.4.1.674.10892.1.1000.60.1.7	Connector type of the SCSI port.
sCSIPortName	.1.3.6.1.4.1.674.10892.1.1000.60.1.8	Name of the SCSI port.
sCSIPortBIOSConnectorType	.1.3.6.1.4.1.674.10892.1.1000.60.1.9	BIOS connector type of the SCSI port.

**parallelPortTable**

MIB Object	OID	Description
parallelPortTableEntry	.1.3.6.1.4.1.674.10892.1.1000.70.1	Parallel Port Table Entry.
parallelPortchassisIndex	.1.3.6.1.4.1.674.10892.1.1000.70.1.1	Index (one based) of the associated chassis.
parallelPortIndex	.1.3.6.1.4.1.674.10892.1.1000.70.1.2	Index (one based) of the parallel port.
parallelPortStateCapabilities	.1.3.6.1.4.1.674.10892.1.1000.70.1.3	State capabilities of the parallel port.
parallelPortStateSettings	.1.3.6.1.4.1.674.10892.1.1000.70.1.4	State settings of the parallel port.
parallelPortStatus	.1.3.6.1.4.1.674.10892.1.1000.70.1.5	Status of the parallel port.
parallelPortSecurityState	.1.3.6.1.4.1.674.10892.1.1000.70.1.6	Security state of the parallel port.
parallelPortConnectorType	.1.3.6.1.4.1.674.10892.1.1000.70.1.7	Connector type of the parallel port.
parallelPortName	.1.3.6.1.4.1.674.10892.1.1000.70.1.8	Name of the parallel port.
parallelPortConnectorPinOut	.1.3.6.1.4.1.674.10892.1.1000.70.1.9	Pinout of the parallel port.
parallelPortCapabilitiesUnique	.1.3.6.1.4.1.674.10892.1.1000.70.1.10	Mode capabilities of the parallel port.
parallelPortBaseIOAddress	.1.3.6.1.4.1.674.10892.1.1000.70.1.11	Base Input/Output address of the parallel port.

MIB Object	OID	Description
parallelPortIRQLevel	.1.3.6.1.4.1.674.10892.1.1000.70.1.12	Interrupt Request Level of the parallel port.
parallelPortDMASupport	.1.3.6.1.4.1.674.10892.1.1000.70.1.13	Whether DMA is supported by the parallel port.

**serialPortTable**

MIB Object	OID	Description
serialPortTableEntry	.1.3.6.1.4.1.674.10892.1.1000.80.1	Serial Port Table Entry.
serialPortchassisIndex	.1.3.6.1.4.1.674.10892.1.1000.80.1.1	Index (one based) of the associated chassis.
serialPortIndex	.1.3.6.1.4.1.674.10892.1.1000.80.1.2	Index (one based) of the serial port.
serialPortStateCapabilities	.1.3.6.1.4.1.674.10892.1.1000.80.1.3	State capabilities of the serial port.
serialPortStateSettings	.1.3.6.1.4.1.674.10892.1.1000.80.1.4	State settings of the serial port.
serialPortStatus	.1.3.6.1.4.1.674.10892.1.1000.80.1.5	Status of the serial port.
serialPortSecurityState	.1.3.6.1.4.1.674.10892.1.1000.80.1.6	Security state of the serial port.
serialPortConnectorType	.1.3.6.1.4.1.674.10892.1.1000.80.1.7	Connector type of the serial port.
serialPortName	.1.3.6.1.4.1.674.10892.1.1000.80.1.8	Name of the serial port.
serialPortMaximumSpeed	.1.3.6.1.4.1.674.10892.1.1000.80.1.9	Maximum speed the serial port can support in bits per second. 0 (zero) indicates maximum speed is unknown.
serialPortCapabilitiesUnique	.1.3.6.1.4.1.674.10892.1.1000.80.1.10	Mode capabilities of the serial port.
serialPortBaseIOAddress	.1.3.6.1.4.1.674.10892.1.1000.80.1.11	Base Input/Output address of the serial port.
serialPortIRQLevel	.1.3.6.1.4.1.674.10892.1.1000.80.1.12	Interrupt Request Level of the serial port.

**uSBPortTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
uSBPortTableEntry	.1.3.6.1.4.1.674.10892.1.1000.90.1	USB Port Table Entry.
uSBPortchassisIndex	.1.3.6.1.4.1.674.10892.1.1000.90.1.1	Index (one based) of the associated chassis.
uSBPortIndex	.1.3.6.1.4.1.674.10892.1.1000.90.1.2	Index (one based) of the USB port.
uSBPortStateCapabilities	.1.3.6.1.4.1.674.10892.1.1000.90.1.3	State capabilities of the USB port.
uSBPortStateSettings	.1.3.6.1.4.1.674.10892.1.1000.90.1.4	State settings of the USB port.
uSBPortStatus	.1.3.6.1.4.1.674.10892.1.1000.90.1.5	Status of the USB port.
uSBPortSecurityState	.1.3.6.1.4.1.674.10892.1.1000.90.1.6	Security state of the USB port.
uSBPortConnectorType	.1.3.6.1.4.1.674.10892.1.1000.90.1.7	Connector type of the USB port.
uSBPortName	.1.3.6.1.4.1.674.10892.1.1000.90.1.8	Name of the USB port.
uSBPortBIOSConnectorType	.1.3.6.1.4.1.674.10892.1.1000.90.1.9	BIOS connector type of the USB port.

**Device Group**

The following tables list the available device group MIB objects.

**pointingDeviceTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
pointingDeviceTableEntry	.1.3.6.1.4.1.674.10892.1.1100.10.1	Pointing Device Table Entry.
pointingDevicechassisIndex	.1.3.6.1.4.1.674.10892.1.1100.10.1.1	Index (one based) of the associated chassis.
pointingDeviceIndex	.1.3.6.1.4.1.674.10892.1.1100.10.1.2	Index (one based) of the pointing device.
pointingDeviceStateCapabilities	.1.3.6.1.4.1.674.10892.1.1100.10.1.3	State capabilities of the pointing device.
pointingDeviceStateSettings	.1.3.6.1.4.1.674.10892.1.1100.10.1.4	State settings of the pointing device.
pointingDeviceStatus	.1.3.6.1.4.1.674.10892.1.1100.10.1.5	Status of the pointing device.

MIB Object	OID	Description
pointingPortIndexReference	.1.3.6.1.4.1.674.10892.1.1100.10.1.6	Index (one based) of the associated pointing port in the same chassis.
pointingDeviceType	.1.3.6.1.4.1.674.10892.1.1100.10.1.7	Type of the pointing device.
pointingDeviceNumberOfButtons	.1.3.6.1.4.1.674.10892.1.1100.10.1.8	Number of buttons on the pointing device.

#### keyboardDeviceTable

MIB Object	OID	Description
keyboardDeviceTableEntry	.1.3.6.1.4.1.674.10892.1.1100.20.1	Keyboard Device Table Entry.
keyboardDevicechassisIndex	.1.3.6.1.4.1.674.10892.1.1100.20.1.1	Index (one based) of the associated chassis.
keyboardDeviceIndex	.1.3.6.1.4.1.674.10892.1.1100.20.1.2	Index (one based) of the keyboard device.
keyboardDeviceStateCapabilities	.1.3.6.1.4.1.674.10892.1.1100.20.1.3	State capabilities of the keyboard device.
keyboardDeviceStateSettings	.1.3.6.1.4.1.674.10892.1.1100.20.1.4	State settings of the keyboard device.
keyboardDeviceStatus	.1.3.6.1.4.1.674.10892.1.1100.20.1.5	Status of the keyboard device.
keyboardPortIndexReference	.1.3.6.1.4.1.674.10892.1.1100.20.1.6	Index (one based) of the associated keyboard device in the same chassis.
keyboardDeviceTypeName	.1.3.6.1.4.1.674.10892.1.1100.20.1.7	Name of the keyboard device type.
keyboardDeviceLayoutName	.1.3.6.1.4.1.674.10892.1.1100.20.1.8	Name of the keyboard device layout.

#### processorDeviceTable

MIB Object	OID	Description
processorDeviceTableEntry	.1.3.6.1.4.1.674.10892.1.1100.30.1	Processor Device Table Entry.
processorDevicechassisIndex	.1.3.6.1.4.1.674.10892.1.1100.30.1.1	Index (one based) of the associated chassis.

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
processorDeviceIndex	.1.3.6.1.4.1.674.10892.1.1100.30.1.2	Index (one based) of the processor device.
processorDeviceStateCapabilities	.1.3.6.1.4.1.674.10892.1.1100.30.1.3	State capabilities of the processor device.
processorDeviceStateSettings	.1.3.6.1.4.1.674.10892.1.1100.30.1.4	State settings of the processor device.
processorDeviceStatus	.1.3.6.1.4.1.674.10892.1.1100.30.1.5	Status of the processor device.
processorPortIndexReference	.1.3.6.1.4.1.674.10892.1.1100.30.1.6	Index (one based) of the associated processor port in the same chassis.
processorDeviceType	.1.3.6.1.4.1.674.10892.1.1100.30.1.7	Type of the processor device.
processorDeviceManufacturer Name	.1.3.6.1.4.1.674.10892.1.1100.30.1.8	Name of the manufacturer of the processor device.
processorDeviceStatusState	.1.3.6.1.4.1.674.10892.1.1100.30.1.9	Status state of the processor device.
processorDeviceFamily	.1.3.6.1.4.1.674.10892.1.1100.30.1.10	Family of the processor device.
processorDeviceMaximumSpeed	.1.3.6.1.4.1.674.10892.1.1100.30.1.11	Maximum speed of the processor device in MHz. Zero indicates the maximum speed is unknown.
processorDeviceCurrentSpeed	.1.3.6.1.4.1.674.10892.1.1100.30.1.12	Current speed of the processor device in MHz. Zero indicates the current speed is unknown.
processorDeviceExternalClock Speed	.1.3.6.1.4.1.674.10892.1.1100.30.1.13	Speed of the external clock for the processor device in MHz. Zero indicates the external clock speed is unknown.
processorDeviceVoltage	.1.3.6.1.4.1.674.10892.1.1100.30.1.14	Voltage powering the processor device in millivolts. Zero indicates the voltage is unknown.
processorDeviceUpgrade Information	.1.3.6.1.4.1.674.10892.1.1100.30.1.15	Processor upgrade information for the processor device.



MIB Object	OID	Description
processorDeviceVersionName	.1.3.6.1.4.1.674.10892.1.1100.30.1.16	Version of the processor device. On some systems, this value contains the brand and stepping information; on other systems, this value contains the model and stepping information.
processorDeviceCoreCount	.1.3.6.1.4.1.674.10892.1.1100.30.1.17	Number of processor cores detected for the processor device.
processorDeviceCoreEnabled Count	.1.3.6.1.4.1.674.10892.1.1100.30.1.18	Number of processor cores enabled for the processor device.
processorDeviceThreadCount	.1.3.6.1.4.1.674.10892.1.1100.30.1.19	Number of processor threads detected for the processor device.
processorDeviceCharacteristics	.1.3.6.1.4.1.674.10892.1.1100.30.1.20	<p>Characteristics of the processor device. This attribute is a bit field where a bit has the meaning defined below when set to 1 (one).</p> <hr/> <p><b>Note:</b> Bits 2-15 need to be examined in the context of bit 1.</p> <hr/> <p>If bit 1 is set, the processor characteristics are unknown and bits 2-15 cannot be used to determine if the functions associated with the bits are supported.</p> <p>The following bit positions have the following meanings if set:</p> <ul style="list-style-type: none"> <li>• Bit 0: Reserved</li> <li>• Bit 1: Unknown</li> <li>• Bit 2: 64-bit capable</li> <li>• Bit 3-15: Reserved</li> </ul>

MIB Object	OID	Description
processorDeviceExtended Capabilities	.1.3.6.1.4.1.674.10892.1.1100.30.1.21	<p>Extended capabilities of the processor device. This attribute is a bit field where a bit has the meaning defined below when set to 1 (one).</p> <p>The following bit positions have the following meanings if set:</p> <ul style="list-style-type: none"> <li>• Bit 0: Virtualization Technology (VT) supported</li> <li>• Bit 1: Demand-Based Switching (DBS) supported</li> <li>• Bit 2: eXecute Disable (XD) supported</li> <li>• Bit 3: Hyper-Threading (HT) supported</li> </ul>
processorDeviceExtendedSettings	.1.3.6.1.4.1.674.10892.1.1100.30.1.22	<p>Extended settings of the processor device. This attribute is a bit field where a bit has the meaning defined below when set to 1 (one).</p> <p>The following bit positions have the following meanings if set:</p> <ul style="list-style-type: none"> <li>• Bit 0: Virtualization Technology (VT) enabled</li> <li>• Bit 1: Demand Based Switching (DBS) enabled</li> <li>• Bit 2: eXecute Disable (XD) enabled</li> <li>• Bit 3: Hyper-Threading (HT) enabled</li> </ul>
processorDeviceBrandName	.1.3.6.1.4.1.674.10892.1.1100.30.1.23	Brand of the processor device.
processorDeviceModelName	.1.3.6.1.4.1.674.10892.1.1100.30.1.24	Model of the processor device.
processorDeviceSteppingName	.1.3.6.1.4.1.674.10892.1.1100.30.1.25	Stepping of the processor device.

**processorDeviceStatusTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
processorDeviceStatusTableEntry	.1.3.6.1.4.1.674.10892.1.1100.32.1	Processor Device Status Table Entry.
processorDeviceStatusChassis Index	.1.3.6.1.4.1.674.10892.1.1100.32.1.1	Index (one based) of the associated chassis.
processorDeviceStatusIndex	.1.3.6.1.4.1.674.10892.1.1100.32.1.2	Index (one based) of the processor device status probe.
processorDeviceStatusState Capabilities	.1.3.6.1.4.1.674.10892.1.1100.32.1.3	State capabilities of the processor device status probe.
processorDeviceStatusState Settings	.1.3.6.1.4.1.674.10892.1.1100.32.1.4	State settings of the processor device status probe.
processorDeviceStatusStatus	.1.3.6.1.4.1.674.10892.1.1100.32.1.5	Status of the processor device status probe. This status will be joined into the processorDeviceStatus attribute.
processorDeviceStatusReading	.1.3.6.1.4.1.674.10892.1.1100.32.1.6	Reading of the processor device status probe.
processorDeviceStatusLocation Name	.1.3.6.1.4.1.674.10892.1.1100.32.1.7	Location name of the processor device status probe.
processorDeviceStatusPortIndex Reference	.1.3.6.1.4.1.674.10892.1.1100.32.1.8	Index (one based) of the associated processor port in the same chassis.

**cacheDeviceTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
cacheDeviceTableEntry	.1.3.6.1.4.1.674.10892.1.1100.40.1	Cache Device Table Entry.
cacheDevicechassisIndex	.1.3.6.1.4.1.674.10892.1.1100.40.1.1	Index (one based) of the associated chassis.
cacheDeviceIndex	.1.3.6.1.4.1.674.10892.1.1100.40.1.2	Index (one based) of the cache device.
cacheDeviceStateCapabilities	.1.3.6.1.4.1.674.10892.1.1100.40.1.3	State capabilities of the cache device.
cacheDeviceStateSettings	.1.3.6.1.4.1.674.10892.1.1100.40.1.4	State settings of the cache device.

MIB Object	OID	Description
cacheDeviceStatus	.1.3.6.1.4.1.674.10892.1.1100.40.1.5	Status of the cache device.
cacheDeviceprocessorDeviceIndex Reference	.1.3.6.1.4.1.674.10892.1.1100.40.1.6	Index (one based) of the processor device associated with the cache device.
cacheDeviceType	.1.3.6.1.4.1.674.10892.1.1100.40.1.7	Type of cache device.
cacheDeviceLocation	.1.3.6.1.4.1.674.10892.1.1100.40.1.8	Location of the cache device.
cacheDeviceStatusState	.1.3.6.1.4.1.674.10892.1.1100.40.1.9	Status state of the cache device.
cacheDeviceExternalSocketName	.1.3.6.1.4.1.674.10892.1.1100.40.1.10	Name of the external socket name of the cache device if the cache device is socketed.
cacheDeviceLevel	.1.3.6.1.4.1.674.10892.1.1100.40.1.11	Level of the cache device.
cacheDeviceMaximumSize	.1.3.6.1.4.1.674.10892.1.1100.40.1.12	Maximum size of the cache device in KB. Zero indicates the maximum size is unknown.
cacheDeviceCurrentSize	.1.3.6.1.4.1.674.10892.1.1100.40.1.13	Current size of the cache device in KB. Zero indicates the current size is unknown.
cacheDeviceSpeed	.1.3.6.1.4.1.674.10892.1.1100.40.1.14	Speed of the cache device in nanoseconds. Zero indicates the speed is unknown.
cacheDeviceWritePolicy	.1.3.6.1.4.1.674.10892.1.1100.40.1.15	Write policy of the cache device.
cacheDeviceIsSocketed	.1.3.6.1.4.1.674.10892.1.1100.40.1.16	Whether the cache device is socketed.
cacheDeviceECCType	.1.3.6.1.4.1.674.10892.1.1100.40.1.17	Type of error correction in use by the cache device.
cacheDeviceAssociativity	.1.3.6.1.4.1.674.10892.1.1100.40.1.18	Type of associativity in use by the cache device.
cacheDeviceSupportedType	.1.3.6.1.4.1.674.10892.1.1100.40.1.19	Supported SRAM type of the cache device.
cacheDeviceCurrentType	.1.3.6.1.4.1.674.10892.1.1100.40.1.20	Current SRAM type of the cache device.

**memoryDeviceTable**

MIB Object	OID	Description
memoryDeviceTableEntry	.1.3.6.1.4.1.674.10892.1.1100.50.1	Memory Device Table Entry.
memoryDevicechassisIndex	.1.3.6.1.4.1.674.10892.1.1100.50.1.1	Index (one based) of the associated chassis.
memoryDeviceIndex	.1.3.6.1.4.1.674.10892.1.1100.50.1.2	Index (one based) of the memory device.
memoryDeviceStateCapabilities	.1.3.6.1.4.1.674.10892.1.1100.50.1.3	State capabilities of the memory device.
memoryDeviceStateSettings	.1.3.6.1.4.1.674.10892.1.1100.50.1.4	State settings of the memory device.
memoryDeviceStatus	.1.3.6.1.4.1.674.10892.1.1100.50.1.5	Status of the memory device.
memoryDeviceMemoryPortIndex Reference	.1.3.6.1.4.1.674.10892.1.1100.50.1.6	Index (one based) of the memory port that this memory device is part of.
memoryDeviceType	.1.3.6.1.4.1.674.10892.1.1100.50.1.7	Type of the memory device.
memoryDeviceLocationName	.1.3.6.1.4.1.674.10892.1.1100.50.1.8	Location of the memory device.
memoryDeviceErrorCount	.1.3.6.1.4.1.674.10892.1.1100.50.1.9	Total number of ECC corrections for the memory device. Writing a 0 (zero) to this variable will reset the error counts for the device.
		<hr/> <p><b>Note:</b> This attribute is deprecated and replaced by <code>memoryDeviceFailureModes</code>.</p> <hr/> <p>The value will always be zero. Writing a 0 (zero) has no effect.</p>
memoryDeviceBankLocationName	.1.3.6.1.4.1.674.10892.1.1100.50.1.10	Location of the bank for the memory device.
memoryDeviceTypeDetails	.1.3.6.1.4.1.674.10892.1.1100.50.1.11	Detailed type of the memory device.
memoryDeviceFormFactor	.1.3.6.1.4.1.674.10892.1.1100.50.1.12	Form factor of the memory device.

MIB Object	OID	Description
memoryDeviceSet	.1.3.6.1.4.1.674.10892.1.1100.50.1.13	Whether the memory device is a part of a set. Zero indicates it is not part of a set; 2,147,483,647 indicates it is unknown if it is a part of a set.
memoryDeviceSize	.1.3.6.1.4.1.674.10892.1.1100.50.1.14	Size in KB of the memory device. Zero indicates no memory installed; 2,147,483,647 indicates an unknown memory size.
memoryDeviceSpeed	.1.3.6.1.4.1.674.10892.1.1100.50.1.15	Speed in nanoseconds of the memory device. Zero indicates an unknown speed.
memoryDeviceTotalBusWidth	.1.3.6.1.4.1.674.10892.1.1100.50.1.16	Total number of bits, including ECC, used by the memory device. 2,147,483,647 indicates an unknown number of bits.
memoryDeviceTotalDataBusWidth	.1.3.6.1.4.1.674.10892.1.1100.50.1.17	Total number of data bits used by the memory device. 2,147,483,647 indicates an unknown number of bits.
memoryDeviceSingleBitError Count	.1.3.6.1.4.1.674.10892.1.1100.50.1.18	Total number of single bit ECC corrections for the memory device.  <b>Note:</b> This attribute is deprecated and replaced by <u>memoryDeviceFailureModes</u> .  The value will always be zero.
memoryDeviceMultiBitErrorCount	.1.3.6.1.4.1.674.10892.1.1100.50.1.19	Total number of multibit ECC errors for the memory device.  <b>Note:</b> This attribute is deprecated and replaced by <u>memoryDeviceFailureModes</u> .  The value will always be zero.

MIB Object	OID	Description
memoryDeviceFailureModes	.1.3.6.1.4.1.674.10892.1.1100.50.1.20	Failure modes of the memory device when the memoryDeviceStatus attribute is not ok(3). It is a bit field that can be used to report more than one type of failure mode by using a combination of the defined bit masks.  <b>Note:</b> This attribute replaces the memory device error count attributes.  When the memoryDeviceStatus attribute is not ok(3), this attribute should be used to determine the reason for that instead of the error count attributes.
memoryDeviceManufacturerName	.1.3.6.1.4.1.674.10892.1.1100.50.1.21	Manufacturer of the memory device.
memoryDevicePartNumberName	.1.3.6.1.4.1.674.10892.1.1100.50.1.22	Manufacturer's part number for the memory device.
memoryDeviceSerialNumberName	.1.3.6.1.4.1.674.10892.1.1100.50.1.23	Serial number of the memory device.
memoryDeviceAssetTagName	.1.3.6.1.4.1.674.10892.1.1100.50.1.24	Asset tag of the memory device.
memoryDeviceSpeedName	.1.3.6.1.4.1.674.10892.1.1100.50.1.25	Speed of the memory device in string format with units specified in string.
memoryDeviceRank	.1.3.6.1.4.1.674.10892.1.1100.50.1.26	Rank of the memory device (DIMM). Zero indicates an unknown.

**memoryDeviceMappedAddressTable**

MIB Object	OID	Description
memoryDeviceMappedAddressTableEntry	.1.3.6.1.4.1.674.10892.1.1100.60.1	Memory Device Mapped Address Table Entry.
memoryDeviceMappedAddressChassisIndex	.1.3.6.1.4.1.674.10892.1.1100.60.1.1	Index (one based) of the associated chassis.

MIB Object	OID	Description
memoryDeviceMappedAddress Index	.1.3.6.1.4.1.674.10892.1.1100.60.1.2	Index (one based) of the memory device mapped address.
memoryDeviceMappedAddress StateCapabilities	.1.3.6.1.4.1.674.10892.1.1100.60.1.3	State capabilities of the memory device mapped address.
memoryDeviceMappedAddress StateSettings	.1.3.6.1.4.1.674.10892.1.1100.60.1.4	State settings of the memory device mapped address.
memoryDeviceMappedAddress Status	.1.3.6.1.4.1.674.10892.1.1100.60.1.5	Status of the memory device mapped address.
memoryDeviceIndexReference	.1.3.6.1.4.1.674.10892.1.1100.60.1.6	Index (one based) of the memory device associated with the memory device mapped address.
memoryDeviceMappedAddress RowPosition	.1.3.6.1.4.1.674.10892.1.1100.60.1.7	Position of the referenced memory in a row of the memory device mapped address. 2,147,483,647 indicates an unknown position.
memoryDeviceMappedAddress InterleavePosition	.1.3.6.1.4.1.674.10892.1.1100.60.1.8	Position of the referenced memory in an interleave of the memory device mapped address. 2,147,483,647 indicates an unknown position.
memoryDeviceMappedAddress InterleaveDepth	.1.3.6.1.4.1.674.10892.1.1100.60.1.9	Maximum number of consecutive rows from the referenced memory device that are accessed in a single interleaved transfer in the memory device mapped address. 2,147,483,647 indicates an unknown number of rows.
memoryDeviceMappedAddress StartingAddress	.1.3.6.1.4.1.674.10892.1.1100.60.1.10	Physical starting address in KB of the memory device mapped address.
memoryDeviceMappedAddress EndingAddress	.1.3.6.1.4.1.674.10892.1.1100.60.1.11	Physical ending address in KB of the memory device mapped address.



**genericDeviceTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
genericDeviceTableEntry	.1.3.6.1.4.1.674.10892.1.1100.70.1	Generic Device Table Entry.
genericDevicechassisIndex	.1.3.6.1.4.1.674.10892.1.1100.70.1.1	Index (one based) of the associated chassis.
genericDeviceIndex	.1.3.6.1.4.1.674.10892.1.1100.70.1.2	Index (one based) of the generic device.
genericDeviceStateCapabilities	.1.3.6.1.4.1.674.10892.1.1100.70.1.3	State capabilities of the generic device.
genericDeviceStateSettings	.1.3.6.1.4.1.674.10892.1.1100.70.1.4	State settings of the generic device.
genericDeviceStatus	.1.3.6.1.4.1.674.10892.1.1100.70.1.5	Status of the generic device.
genericDeviceSystemSlotIndex Reference	.1.3.6.1.4.1.674.10892.1.1100.70.1.6	Index (one based) of the system slot that the generic device is in.
genericDeviceType	.1.3.6.1.4.1.674.10892.1.1100.70.1.7	Type of the generic device.
genericDeviceName	.1.3.6.1.4.1.674.10892.1.1100.70.1.8	Name of the generic device.

**pCIDeviceTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
pCIDeviceTableEntry	.1.3.6.1.4.1.674.10892.1.1100.80.1	PCI Device Table Entry.
pCIDevicechassisIndex	.1.3.6.1.4.1.674.10892.1.1100.80.1.1	Index (one based) of the associated chassis.
pCIDeviceIndex	.1.3.6.1.4.1.674.10892.1.1100.80.1.2	Index (one based) of the PCI device.
pCIDeviceStateCapabilities	.1.3.6.1.4.1.674.10892.1.1100.80.1.3	State capabilities of the PCI device.
pCIDeviceStateSettings	.1.3.6.1.4.1.674.10892.1.1100.80.1.4	State settings of the PCI device.
pCIDeviceStatus	.1.3.6.1.4.1.674.10892.1.1100.80.1.5	Status of the PCI device.
pCIDeviceSystemSlotIndex Reference	.1.3.6.1.4.1.674.10892.1.1100.80.1.6	Index (one based) of the system slot that the PCI Device is in.
pCIDeviceDataBusWidth	.1.3.6.1.4.1.674.10892.1.1100.80.1.7	Width of the data bus of the PCI device.

MIB Object	OID	Description
pCIDeviceManufacturerName	.1.3.6.1.4.1.674.10892.1.1100.80.1.8	Name of the manufacturer of the PCI device.
pCIDeviceDescriptionName	.1.3.6.1.4.1.674.10892.1.1100.80.1.9	Description of the PCI device.
pCIDeviceSpeed	.1.3.6.1.4.1.674.10892.1.1100.80.1.10	Bus speed in MHz of the PCI device. Zero indicates the speed is unknown.
pCIDeviceAdapterFault	.1.3.6.1.4.1.674.10892.1.1100.80.1.11	Whether the PCI device has detected a fault or not.

### pCIDeviceConfigurationSpaceTable

MIB Object	OID	Description
pCIDeviceConfigurationSpaceTableEntry	.1.3.6.1.4.1.674.10892.1.1100.82.1	PCI Device Configuration Space Table Entry.
pCIDeviceConfigurationSpace chassisIndex	.1.3.6.1.4.1.674.10892.1.1100.82.1.1	Index (one based) of the associated chassis.
pCIDeviceConfigurationSpace Index	.1.3.6.1.4.1.674.10892.1.1100.82.1.2	Index (one based) of the PCI device configuration space.
pCIDeviceConfigurationSpace StateCapabilities	.1.3.6.1.4.1.674.10892.1.1100.82.1.3	State capabilities of the PCI device configuration space.
pCIDeviceConfigurationSpace StateSettings	.1.3.6.1.4.1.674.10892.1.1100.82.1.4	State settings of the PCI device configuration space.
pCIDeviceConfigurationSpace Status	.1.3.6.1.4.1.674.10892.1.1100.82.1.5	Status of the PCI device configuration space.
pCIDeviceIndexReference	.1.3.6.1.4.1.674.10892.1.1100.82.1.6	Index (one based) of the PCI device that this PCI device configuration space applies to.
pCIDeviceConfigurationSpaceBus Number	.1.3.6.1.4.1.674.10892.1.1100.82.1.7	Bus number of the PCI device configuration space.
pCIDeviceConfigurationSpace DeviceNumber	.1.3.6.1.4.1.674.10892.1.1100.82.1.8	Device number of the PCI device configuration space.
pCIDeviceConfigurationSpace FunctionNumber	.1.3.6.1.4.1.674.10892.1.1100.82.1.9	Function number of the PCI device configuration space.
pCIDeviceConfigurationSpace Header	.1.3.6.1.4.1.674.10892.1.1100.82.1.10	Header of the PCI device configuration space.

**networkDeviceTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
networkDeviceTableEntry	.1.3.6.1.4.1.674.10892.1.1100.90.1	Network Device Table Entry.
networkDeviceChassisIndex	.1.3.6.1.4.1.674.10892.1.1100.90.1.1	Index (one based) of the chassis that contains the network device.
networkDeviceIndex	.1.3.6.1.4.1.674.10892.1.1100.90.1.2	Index (one based) of the network device.
networkDeviceStatus	.1.3.6.1.4.1.674.10892.1.1100.90.1.3	Status of the network device.
networkDeviceConnectionStatus	.1.3.6.1.4.1.674.10892.1.1100.90.1.4	Connection status of the network device.
networkDeviceDescriptionName	.1.3.6.1.4.1.674.10892.1.1100.90.1.5	Description of the network device.
networkDeviceProductName	.1.3.6.1.4.1.674.10892.1.1100.90.1.6	Product name of the network device.
networkDeviceVendorName	.1.3.6.1.4.1.674.10892.1.1100.90.1.7	Name of the vendor of the network device.
networkDeviceServiceName	.1.3.6.1.4.1.674.10892.1.1100.90.1.8	Service name of the network device.
networkDeviceDriverImagePath Name	.1.3.6.1.4.1.674.10892.1.1100.90.1.9	Path to the binary image of the driver for the network device.
networkDeviceDriverVersionName	.1.3.6.1.4.1.674.10892.1.1100.90.1.10	Version of the driver for the network device.
networkDeviceIPAddress	.1.3.6.1.4.1.674.10892.1.1100.90.1.11	IP address of the network device.
networkDeviceIPSubnetMask	.1.3.6.1.4.1.674.10892.1.1100.90.1.12	IP subnet mask for the IP address currently assigned to the network device.
networkDeviceDefaultGatewayIP Address	.1.3.6.1.4.1.674.10892.1.1100.90.1.13	IP address of the default gateway for the network device.
networkDeviceDHCP Server IP Address	.1.3.6.1.4.1.674.10892.1.1100.90.1.14	IP address of the DHCP server that was used to obtain the IP address of the network device, if DHCP is used to configure the network device.

MIB Object	OID	Description
networkDeviceCurrentMAC Address	.1.3.6.1.4.1.674.10892.1.1100.90.1.15	Current MAC address of the network device.
networkDevicePermanentMAC Address	.1.3.6.1.4.1.674.10892.1.1100.90.1.16	Permanent MAC address of the network device.
networkDevicePCIBusNumber	.1.3.6.1.4.1.674.10892.1.1100.90.1.17	PCI bus number of the network device.
networkDevicePCIDeviceNumber	.1.3.6.1.4.1.674.10892.1.1100.90.1.18	PCI device number of the network device.
networkDevicePCIFunction Number	.1.3.6.1.4.1.674.10892.1.1100.90.1.19	PCI function number of the network device.
networkDeviceIRQ	.1.3.6.1.4.1.674.10892.1.1100.90.1.20	Interrupt request number of the network device.
networkDeviceBaseIOPortAddress	.1.3.6.1.4.1.674.10892.1.1100.90.1.21	Base input/output port address of the network device.
networkDeviceTeamingFlags	.1.3.6.1.4.1.674.10892.1.1100.90.1.22	Teaming features of the network device.
networkDeviceTOECapability Flags	.1.3.6.1.4.1.674.10892.1.1100.90.1.23	TCP/IP Offload Engine (TOE) capability flags of the network device.
networkDeviceTOEEnabled	.1.3.6.1.4.1.674.10892.1.1100.90.1.24	Whether TOE is enabled for the network device.
networkDeviceRDMACapability Flags	.1.3.6.1.4.1.674.10892.1.1100.90.1.25	Remote Direct Memory Access (RDMA) capability flags of the network device.
networkDeviceRDMAEnabled	.1.3.6.1.4.1.674.10892.1.1100.90.1.26	Whether RDMA is enabled for the network device.
networkDeviceiSCSICapability Flags	.1.3.6.1.4.1.674.10892.1.1100.90.1.27	Internet Small Computer System Interface (iSCSI) capability flags of the network device.
networkDeviceiSCSIEnabled	.1.3.6.1.4.1.674.10892.1.1100.90.1.28	Whether SCSI is enabled for the network device.

MIB Object	OID	Description
networkDeviceCapabilities	.1.3.6.1.4.1.674.10892.1.1100.90.1.29	<p>Capabilities of the network device.</p> <p>If the supported (1) bit is on, use this attribute determine the network device capabilities If this value is notSupported (0), use the following attributes to determine the network device capabilities:</p> <ul style="list-style-type: none"> <li>• networkDeviceTOECapabilityFlags</li> <li>• networkDeviceTOEEnabled</li> <li>• networkDeviceRDMACapabilityFlags</li> <li>• networkDeviceRDMAEnabled</li> <li>• networkDeviceiSCSICapabilityFlags</li> <li>• networkDeviceiSCSIEnabled</li> </ul> <p>NOTE: For a network device on Converged Network Adapter (CNA), this attribute provides capability information for the CNA and not for the network device. For more information read the vendor documentation.</p>

## Slot Group

The following table lists the available slot group MIB objects.

### systemSlotTable

MIB Object	OID	Description
systemSlotTableEntry	.1.3.6.1.4.1.674.10892.1.1200.10.1	System Slot Table Entry.
systemSlotchassisIndex	.1.3.6.1.4.1.674.10892.1.1200.10.1.1	Index (one based) of the associated chassis.
systemSlotIndex	.1.3.6.1.4.1.674.10892.1.1200.10.1.2	Index (one based) of the system slot.
systemSlotStateCapabilitiesUnique	.1.3.6.1.4.1.674.10892.1.1200.10.1.3	State capabilities of the system slot.
systemSlotStateSettingsUnique	.1.3.6.1.4.1.674.10892.1.1200.10.1.4	State settings of the system slot.
systemSlotStatus	.1.3.6.1.4.1.674.10892.1.1200.10.1.5	Status of the system slot.
systemSlotCurrentUsage	.1.3.6.1.4.1.674.10892.1.1200.10.1.6	Current usage of the system slot.
systemSlotType	.1.3.6.1.4.1.674.10892.1.1200.10.1.7	Type of the system slot.
systemSlotSlotExternalSlotName	.1.3.6.1.4.1.674.10892.1.1200.10.1.8	Name of the external connector name of the system slot.
systemSlotLength	.1.3.6.1.4.1.674.10892.1.1200.10.1.9	Length of the system slot.
systemSlotSlotID	.1.3.6.1.4.1.674.10892.1.1200.10.1.10	Slot identification number of the system slot.
systemSlotCategory	.1.3.6.1.4.1.674.10892.1.1200.10.1.11	Category of the system slot.
systemSlotHotPlugBusWidth	.1.3.6.1.4.1.674.10892.1.1200.10.1.12	Bus width of the hot plug system slot.
systemSlotHotPlugSlotSpeed	.1.3.6.1.4.1.674.10892.1.1200.10.1.13	Slot speed in MHz of the hot plug system slot. Zero indicates the slot speed is unknown.
systemSlotHotPlugAdapterSpeed	.1.3.6.1.4.1.674.10892.1.1200.10.1.14	Adapter speed in MHz of the hot plug system slot. Zero indicates the adapter speed is unknown.

## Memory Group

The following tables list the available memory group MIB objects.

### physicalMemoryArrayTable

MIB Object	OID	Description
physicalMemoryArrayTableEntry	.1.3.6.1.4.1.674.10892.1.1300.10.1	Physical Memory Array Table Entry.
physicalMemoryArraychassisIndex	.1.3.6.1.4.1.674.10892.1.1300.10.1.1	Index (one based) of the associated chassis.
physicalMemoryArrayIndex	.1.3.6.1.4.1.674.10892.1.1300.10.1.2	Index (one based) of the physical memory array.
physicalMemoryArrayState Capabilities	.1.3.6.1.4.1.674.10892.1.1300.10.1.3	State capabilities of the physical memory array.
physicalMemoryArrayState Settings	.1.3.6.1.4.1.674.10892.1.1300.10.1.4	State settings of the physical memory array.
physicalMemoryArrayStatus	.1.3.6.1.4.1.674.10892.1.1300.10.1.5	Status of the physical memory array.
physicalMemoryArrayUse	.1.3.6.1.4.1.674.10892.1.1300.10.1.6	Use of the physical memory array.
physicalMemoryArrayECCType	.1.3.6.1.4.1.674.10892.1.1300.10.1.7	Error correction type used by the physical memory array.
physicalMemoryArrayLocation	.1.3.6.1.4.1.674.10892.1.1300.10.1.8	Location of the physical memory array.
physicalMemoryArrayMaximum Size	.1.3.6.1.4.1.674.10892.1.1300.10.1.9	Maximum size in KB of the physical memory array. Zero indicates no memory is installed. 2,147,483,647 indicates an unknown maximum size.
physicalMemoryArrayTotal NumberSockets	.1.3.6.1.4.1.674.10892.1.1300.10.1.10	Total number of memory sockets available for the physical memory array. 2,147,483,647 indicates an unknown number of sockets.
physicalMemoryArrayInUse NumberSockets	.1.3.6.1.4.1.674.10892.1.1300.10.1.11	Total number of memory sockets in use by the physical memory array. 2,147,483,647 indicates an unknown number of sockets.

MIB Object	OID	Description
physicalMemoryArrayECCErrorNonRecoverableThreshold	.1.3.6.1.4.1.674.10892.1.1300.10.1.12	Value of the physical memory array ECC error nonrecoverable threshold. The value is an integer representing the number of errors detected.
physicalMemoryArrayECCErrorCriticalThreshold	.1.3.6.1.4.1.674.10892.1.1300.10.1.13	Value of the physical memory array ECC error critical threshold. The value is an integer representing the number of errors detected.
physicalMemoryArrayECCErrorNonCriticalThreshold	.1.3.6.1.4.1.674.10892.1.1300.10.1.14	Value of the physical memory array ECC error noncritical threshold. The value is an integer representing the number of errors detected.
physicalMemoryArrayRedundantMemoryUnitIndexReference	.1.3.6.1.4.1.674.10892.1.1300.10.1.15	Index to the associated redundant memory unit if this physical memory array is part of a redundant memory unit.

**physicalMemoryArrayMappedTable**

MIB Object	OID	Description
physicalMemoryArrayMappedTableEntry	.1.3.6.1.4.1.674.10892.1.1300.20.1	Physical Memory Array Mapped Table Entry.
physicalMemoryArrayMappedchassisIndex	.1.3.6.1.4.1.674.10892.1.1300.20.1.1	Index (one based) of the associated chassis.
physicalMemoryArrayMappedIndex	.1.3.6.1.4.1.674.10892.1.1300.20.1.2	Index (one based) of the physical memory array mapped address.
physicalMemoryArrayMappedStateCapabilities	.1.3.6.1.4.1.674.10892.1.1300.20.1.3	State capabilities of the physical memory array mapped address.
physicalMemoryArrayMappedStateSettings	.1.3.6.1.4.1.674.10892.1.1300.20.1.4	State settings of the physical memory array mapped address.
physicalMemoryArrayMappedStatus	.1.3.6.1.4.1.674.10892.1.1300.20.1.5	Status of the physical memory array mapped address.
physicalMemoryArrayIndexReference	.1.3.6.1.4.1.674.10892.1.1300.20.1.6	Index (one based) of the associated physical memory array.



MIB Object	OID	Description
physicalMemoryArrayMapped StartingAddress	.1.3.6.1.4.1.674.10892.1.1300.20.1.7	Physical starting address in KB of the physical memory array mapped address.
physicalMemoryArrayMapped EndingAddress	.1.3.6.1.4.1.674.10892.1.1300.20.1.8	Physical ending address in KB of the physical memory array mapped address.
physicalMemoryArrayMapped PartitionWidth	.1.3.6.1.4.1.674.10892.1.1300.20.1.9	Number of memory devices that form a single row in the memory array mapped address. 2,147,483,647 indicates an unknown number of memory devices.

**physicalMemoryConfigTable**

MIB Object	OID	Description
physicalMemoryConfigTableEntry	.1.3.6.1.4.1.674.10892.1.1300.30.1	Physical Memory Configuration Table Entry.
physicalMemoryConfigChassis Index	.1.3.6.1.4.1.674.10892.1.1300.30.1.1	Index (one based) of the associated chassis.
physicalMemoryConfigIndex	.1.3.6.1.4.1.674.10892.1.1300.30.1.2	Index (one based) of the physical memory configuration.
physicalMemoryConfigState Capabilities	.1.3.6.1.4.1.674.10892.1.1300.30.1.3	State capabilities of the physical memory configuration.
physicalMemoryConfigState Settings	.1.3.6.1.4.1.674.10892.1.1300.30.1.4	State settings of the physical memory configuration.
physicalMemoryConfigStatus	.1.3.6.1.4.1.674.10892.1.1300.30.1.5	Status of the physical memory configuration.
physicalMemoryConfigRedundant Capabilities	.1.3.6.1.4.1.674.10892.1.1300.30.1.6	Redundant capabilities of the physical memory.
physicalMemoryConfigRedundant Settings	.1.3.6.1.4.1.674.10892.1.1300.30.1.7	Redundant settings of the physical memory.
physicalMemoryConfigMOM Capabilities	.1.3.6.1.4.1.674.10892.1.1300.30.1.8	Memory Operating Mode capabilities of the physical memory.
physicalMemoryConfigMOM Settings	.1.3.6.1.4.1.674.10892.1.1300.30.1.9	Memory Operating Mode settings of the physical memory.

**physicalMemoryLoggingTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
physicalMemoryLoggingTableEntry	.1.3.6.1.4.1.674.10892.1.1300.40.1	Physical Memory Logging Table Entry.
physicalMemoryLoggingChassisIndex	.1.3.6.1.4.1.674.10892.1.1300.40.1.1	Index (one based) of the associated chassis.
physicalMemoryLoggingIndex	.1.3.6.1.4.1.674.10892.1.1300.40.1.2	Index (one based) of the physical memory logging.
physicalMemoryLoggingCapabilities	.1.3.6.1.4.1.674.10892.1.1300.40.1.3	Capabilities of the physical memory logging.
physicalMemoryLoggingSettings	.1.3.6.1.4.1.674.10892.1.1300.40.1.4	Settings of the physical memory logging.
physicalMemoryLoggingStatus	.1.3.6.1.4.1.674.10892.1.1300.40.1.5	Status of the physical memory logging.

**redundantMemoryUnitTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
redundantMemoryUnitTableEntry	.1.3.6.1.4.1.674.10892.1.1300.50.1	Redundant Memory Unit Table Entry.
redundantMemoryUnitChassisIndex	.1.3.6.1.4.1.674.10892.1.1300.50.1.1	Index (one based) of the associated chassis.
redundantMemoryUnitIndex	.1.3.6.1.4.1.674.10892.1.1300.50.1.2	Index (one based) of the redundant memory unit.
redundantMemoryUnitStateCapabilities	.1.3.6.1.4.1.674.10892.1.1300.50.1.3	State capabilities of the redundant memory unit.
redundantMemoryUnitStateSettings	.1.3.6.1.4.1.674.10892.1.1300.50.1.4	State settings of the redundant memory unit.
redundantMemoryUnitRedundancyStatus	.1.3.6.1.4.1.674.10892.1.1300.50.1.5	Redundancy status of the redundant memory unit.
redundantMemoryUnitName	.1.3.6.1.4.1.674.10892.1.1300.50.1.6	Name of the redundant memory unit.
redundantMemoryUnitStatus	.1.3.6.1.4.1.674.10892.1.1300.50.1.7	Status of the redundant memory unit.

**physicalMemoryCardTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
physicalMemoryCardTableEntry	.1.3.6.1.4.1.674.10892.1.1300.60.1	Physical Memory Card Table Entry.
physicalMemoryCardChassisIndex	.1.3.6.1.4.1.674.10892.1.1300.60.1.1	Index (one based) of the associated chassis.
physicalMemoryCardIndex	.1.3.6.1.4.1.674.10892.1.1300.60.1.2	Index (one based) of the physical memory card.
physicalMemoryCardState Capabilities	.1.3.6.1.4.1.674.10892.1.1300.60.1.3	State capabilities of the physical memory card.
physicalMemoryCardStateSettings	.1.3.6.1.4.1.674.10892.1.1300.60.1.4	State settings of the physical memory card.
physicalMemoryCardStatus	.1.3.6.1.4.1.674.10892.1.1300.60.1.5	Status of the physical memory card.
physicalMemoryCardName	.1.3.6.1.4.1.674.10892.1.1300.60.1.6	Name of the physical memory card.
physicalMemoryCardTotalNumber Sockets	.1.3.6.1.4.1.674.10892.1.1300.60.1.7	Total number of memory sockets available on the physical memory card. 2,147,483,647 indicates an unknown number of sockets.
physicalMemoryCardInUse NumberSockets	.1.3.6.1.4.1.674.10892.1.1300.60.1.8	Number of memory sockets in use on the physical memory card. Zero indicates that the physical memory card is not installed or has a configuration error. 2,147,483,647 indicates an unknown number of sockets.
physicalMemoryCardPhyMem ArrayIndexReference	.1.3.6.1.4.1.674.10892.1.1300.60.1.9	Index (one based) of the Physical Memory Array Table entry for the physical memory array with the same chassis index that this physical memory card is associated with.

## BIOS Setup Control Group

The following tables list the available BIOS setup control group MIB objects.

### biosSetUpControlTable

MIB Object	OID	Description
biosSetUpControlTableEntry	.1.3.6.1.4.1.674.10892.1.1400.10.1	BIOS Setup Control Table Entry.
biosSetUpControlchassisIndex	.1.3.6.1.4.1.674.10892.1.1400.10.1.1	Index (one based) of the associated chassis.
bSUCpointingDeviceControl Capabilities	.1.3.6.1.4.1.674.10892.1.1400.10.1.2	BIOS setup control capabilities of the pointing device.
bSUCpointingDeviceControl Settings	.1.3.6.1.4.1.674.10892.1.1400.10.1.3	BIOS setup control settings of the pointing device.
bSUCpointingDeviceControlStatus	.1.3.6.1.4.1.674.10892.1.1400.10.1.4	BIOS setup control status of the pointing device.
bSUCpointingDeviceControlName	.1.3.6.1.4.1.674.10892.1.1400.10.1.5	BIOS setup control name of the pointing device.
bSUCnumLockControlCapabilities	.1.3.6.1.4.1.674.10892.1.1400.10.1.6	BIOS setup control capabilities of the numeric lock.
bSUCnumLockControlSettings	.1.3.6.1.4.1.674.10892.1.1400.10.1.7	BIOS setup control settings of the numeric lock.
bSUCnumLockControlStatus	.1.3.6.1.4.1.674.10892.1.1400.10.1.8	BIOS setup control status of the numeric lock.
bSUCnumLockControlName	.1.3.6.1.4.1.674.10892.1.1400.10.1.9	BIOS setup control name of the numeric lock.
bSUCprocessorSerialNumber ControlCapabilities	.1.3.6.1.4.1.674.10892.1.1400.10.1.10	BIOS setup control capabilities of the processor serial number.
bSUCprocessorSerialNumber ControlSettings	.1.3.6.1.4.1.674.10892.1.1400.10.1.11	BIOS setup control settings of the processor serial number.
bSUCprocessorSerialNumber ControlStatus	.1.3.6.1.4.1.674.10892.1.1400.10.1.12	BIOS setup control status of the processor serial number.
bSUCprocessorSerialNumber ControlName	.1.3.6.1.4.1.674.10892.1.1400.10.1.13	BIOS setup control name of the processor serial number.
bSUCspeakerControlCapabilities Unique	.1.3.6.1.4.1.674.10892.1.1400.10.1.14	BIOS setup control capabilities of the speaker.

MIB Object	OID	Description
bSUCspeakerControlSettingsUnique	.1.3.6.1.4.1.674.10892.1.1400.10.1.15	BIOS setup control settings of the speaker.
bSUCspeakerControlStatus	.1.3.6.1.4.1.674.10892.1.1400.10.1.16	BIOS setup control status of the speaker.
bSUCspeakerControlName	.1.3.6.1.4.1.674.10892.1.1400.10.1.17	BIOS setup control name of the speaker.
bSUCnIFwakeonLanControlCapabilitiesUnique	.1.3.6.1.4.1.674.10892.1.1400.10.1.18	BIOS setup control capabilities of the NIF wake on Lan.
bSUCnIFwakeonLanControlSettingsUnique	.1.3.6.1.4.1.674.10892.1.1400.10.1.19	BIOS setup control settings of the NIF wake on Lan.
bSUCnIFwakeonLanControlStatus	.1.3.6.1.4.1.674.10892.1.1400.10.1.20	BIOS setup control status of the NIF wake on Lan.
bSUCnIFwakeonLanControlName	.1.3.6.1.4.1.674.10892.1.1400.10.1.21	BIOS setup control name of the NIF wake on Lan.
bSUCbootSequenceControlCapabilitiesUnique	.1.3.6.1.4.1.674.10892.1.1400.10.1.22	BIOS setup control capabilities of the boot sequence.
bSUCbootSequenceControlSettingsUnique	.1.3.6.1.4.1.674.10892.1.1400.10.1.23	BIOS setup control settings of the boot sequence.
bSUCbootSequenceControlStatus	.1.3.6.1.4.1.674.10892.1.1400.10.1.24	BIOS setup control status of the boot sequence.
bSUCbootSequenceControlName	.1.3.6.1.4.1.674.10892.1.1400.10.1.25	BIOS setup control name of the boot sequence.
bSUCadministratorPasswordControlCapabilitiesUnique	.1.3.6.1.4.1.674.10892.1.1400.10.1.26	BIOS setup control capabilities of the administrator password.
bSUCadministratorPasswordControlSettingsUnique	.1.3.6.1.4.1.674.10892.1.1400.10.1.27	BIOS setup control settings of the administrator password.
bSUCadministratorPasswordControlStatus	.1.3.6.1.4.1.674.10892.1.1400.10.1.28	BIOS setup control status of the administrator password.
bSUCadministratorPasswordPasswordVerifyName	.1.3.6.1.4.1.674.10892.1.1400.10.1.29	BIOS setup control value of the current administrator password.

MIB Object	OID	Description
bSUCadministratorPasswordNew PasswordName	.1.3.6.1.4.1.674.10892.1.1400.10.1.30	BIOS setup control value of the new administrator password. To set a new administrator password, a successful set of the current administrator password must have been done immediately preceding this set.
bSUCuserPasswordControl CapabilitiesUnique	.1.3.6.1.4.1.674.10892.1.1400.10.1.31	BIOS setup control capabilities of the user password.
bSUCuserPasswordControlSettings Unique	.1.3.6.1.4.1.674.10892.1.1400.10.1.32	BIOS setup control settings of the user password.
bSUCuserPasswordControlStatus	.1.3.6.1.4.1.674.10892.1.1400.10.1.33	BIOS setup control status of the user password.
bSUCuserPasswordPassword VerifyName	.1.3.6.1.4.1.674.10892.1.1400.10.1.34	BIOS setup control value of the current user password.
bSUCuserPasswordNewPassword Name	.1.3.6.1.4.1.674.10892.1.1400.10.1.35	BIOS setup control value of the new user password. To set a new user password, a successful set of the current user password must have been done immediately preceding this set.
bSUCtpmSecurityControl Capabilities	.1.3.6.1.4.1.674.10892.1.1400.10.1.36	BIOS setup control capabilities of Trusted Platform Module (TPM) security.
bSUCtpmSecurityControlSetting	.1.3.6.1.4.1.674.10892.1.1400.10.1.37	BIOS setup control setting of Trusted Platform Module (TPM) security.
bSUCtpmSecurityControlStatus	.1.3.6.1.4.1.674.10892.1.1400.10.1.38	BIOS setup control status of Trusted Platform Module (TPM) security.
bSUCtpmSecurityControlName	.1.3.6.1.4.1.674.10892.1.1400.10.1.39	BIOS setup control name of Trusted Platform Module (TPM) security.

**sCSISControlTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
sCSISControlTableEntry	.1.3.6.1.4.1.674.10892.1.1400.20.1	Small Computer Systems Interface (SCSI) Control Table Entry.
sCSISControlchassisIndex	.1.3.6.1.4.1.674.10892.1.1400.20.1.1	Index (one based) of the associated chassis.
sCSISControlIndex	.1.3.6.1.4.1.674.10892.1.1400.20.1.2	Index (one based) of the SCSI control.
sCSISControlCapabilities	.1.3.6.1.4.1.674.10892.1.1400.20.1.3	State capabilities of the SCSI control.
sCSISControlSettings	.1.3.6.1.4.1.674.10892.1.1400.20.1.4	State settings of the SCSI control.
sCSISControlStatus	.1.3.6.1.4.1.674.10892.1.1400.20.1.5	Status of the SCSI control.
sCSISControlName	.1.3.6.1.4.1.674.10892.1.1400.20.1.6	BIOS setup control name of the SCSI device.

**parallelPortControlTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
parallelPortControlTableEntry	.1.3.6.1.4.1.674.10892.1.1400.30.1	Parallel Port Control Table Entry.
parallelPortControlchassisIndex	.1.3.6.1.4.1.674.10892.1.1400.30.1.1	Index (one based) of the associated chassis.
parallelPortControlIndex	.1.3.6.1.4.1.674.10892.1.1400.30.1.2	Index (one based) of the parallel port control.
parallelPortControlCapabilities Unique	.1.3.6.1.4.1.674.10892.1.1400.30.1.3	Port capabilities of the parallel port control.
parallelPortControlSettingsUnique	.1.3.6.1.4.1.674.10892.1.1400.30.1.4	Port settings of the parallel port control.
parallelPortControlStatus	.1.3.6.1.4.1.674.10892.1.1400.30.1.5	Status of the parallel port control.
parallelPortControlName	.1.3.6.1.4.1.674.10892.1.1400.30.1.6	BIOS setup control name of the parallel port.
parallelPortControlMode CapabilitiesUnique	.1.3.6.1.4.1.674.10892.1.1400.30.1.7	Mode capabilities of the parallel port control.
parallelPortControlModeSettings Unique	.1.3.6.1.4.1.674.10892.1.1400.30.1.8	Mode settings of the parallel port control.

**serialPortControlTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
serialPortControlTableEntry	.1.3.6.1.4.1.674.10892.1.1400.40.1	Serial Port Control Table Entry.
serialPortControlchassisIndex	.1.3.6.1.4.1.674.10892.1.1400.40.1.1	Index (one based) of the associated chassis.
serialPortControlIndex	.1.3.6.1.4.1.674.10892.1.1400.40.1.2	Index (one based) of the serial port control.
serialPortControlCapabilities Unique	.1.3.6.1.4.1.674.10892.1.1400.40.1.3	Port capabilities of the serial port control.
serialPortControlSettingsUnique	.1.3.6.1.4.1.674.10892.1.1400.40.1.4	Port settings of the serial port control.
serialPortControlStatus	.1.3.6.1.4.1.674.10892.1.1400.40.1.5	Status of the serial port control.
serialPortControlName	.1.3.6.1.4.1.674.10892.1.1400.40.1.6	BIOS setup control name of the serial port.

**usbControlTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
usbControlTableEntry	.1.3.6.1.4.1.674.10892.1.1400.50.1	Universal Serial Bus (USB) Control Table Entry.
usbControlchassisIndex	.1.3.6.1.4.1.674.10892.1.1400.50.1.1	Index (one based) of the associated chassis.
usbControlIndex	.1.3.6.1.4.1.674.10892.1.1400.50.1.2	Index (one based) of the USB control.
usbControlCapabilities	.1.3.6.1.4.1.674.10892.1.1400.50.1.3	State capabilities of the USB control.
usbControlSettings	.1.3.6.1.4.1.674.10892.1.1400.50.1.4	State settings of the USB control.
usbControlStatus	.1.3.6.1.4.1.674.10892.1.1400.50.1.5	Status of the USB control.
usbControlName	.1.3.6.1.4.1.674.10892.1.1400.50.1.6	BIOS setup control name of the USB device.



**ideControlTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
ideControlTableEntry	.1.3.6.1.4.1.674.10892.1.1400.60.1	Integrated Device Electronics (IDE) Control Table Entry.
ideControlchassisIndex	.1.3.6.1.4.1.674.10892.1.1400.60.1.1	Index (one based) of the associated chassis.
ideControlIndex	.1.3.6.1.4.1.674.10892.1.1400.60.1.2	Index (one based) of the IDE control.
ideControlCapabilitiesUnique	.1.3.6.1.4.1.674.10892.1.1400.60.1.3	Capabilities of the IDE control.
ideControlSettingsUnique	.1.3.6.1.4.1.674.10892.1.1400.60.1.4	Settings of the IDE control.
ideControlStatus	.1.3.6.1.4.1.674.10892.1.1400.60.1.5	State of the IDE control.
ideControlName	.1.3.6.1.4.1.674.10892.1.1400.60.1.6	BIOS setup control name of the IDE device.

**disketteControlTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
disketteControlTableEntry	.1.3.6.1.4.1.674.10892.1.1400.70.1	Diskette Control Table Entry.
disketteControlchassisIndex	.1.3.6.1.4.1.674.10892.1.1400.70.1.1	Index (one based) of the associated chassis.
disketteControlIndex	.1.3.6.1.4.1.674.10892.1.1400.70.1.2	Index (one based) of the diskette control.
disketteControlCapabilitiesUnique	.1.3.6.1.4.1.674.10892.1.1400.70.1.3	Capabilities of the diskette control.
disketteControlSettingsUnique	.1.3.6.1.4.1.674.10892.1.1400.70.1.4	Settings of the diskette control.
disketteControlStatus	.1.3.6.1.4.1.674.10892.1.1400.70.1.5	Status of the diskette control.
disketteControlName	.1.3.6.1.4.1.674.10892.1.1400.70.1.6	BIOS setup control name of the diskette device.

**networkInterfaceControlTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
networkInterfaceControlTableEntry	.1.3.6.1.4.1.674.10892.1.1400.80.1	Network Interface Control Table Entry.
networkInterfaceControlchassisIndex	.1.3.6.1.4.1.674.10892.1.1400.80.1.1	Index (one based) of the associated chassis.
networkInterfaceControlIndex	.1.3.6.1.4.1.674.10892.1.1400.80.1.2	Index (one based) of the network interface control.
networkInterfaceControlCapabilitiesUnique	.1.3.6.1.4.1.674.10892.1.1400.80.1.3	Capabilities of the network interface control.
networkInterfaceControlSettingsUnique	.1.3.6.1.4.1.674.10892.1.1400.80.1.4	Settings of the network interface control.
networkInterfaceControlStatus	.1.3.6.1.4.1.674.10892.1.1400.80.1.5	Status of the network interface control.
networkInterfaceControlName	.1.3.6.1.4.1.674.10892.1.1400.80.1.6	BIOS setup control name of the network interface.

**biosSettingTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
biosSettingChassisIndex	.1.3.6.1.4.1.674.10892.1.1400.90.1.1	Index (one based) of the associated chassis.
biosSettingIndex	.1.3.6.1.4.1.674.10892.1.1400.90.1.2	Index (one based) of the BIOS setting.
biosSettingName	.1.3.6.1.4.1.674.10892.1.1400.90.1.3	Name of the BIOS setting.
biosSettingDisplayName	.1.3.6.1.4.1.674.10892.1.1400.90.1.4	Display name of the BIOS setting.
biosSettingValueType	.1.3.6.1.4.1.674.10892.1.1400.90.1.5	Type of the BIOS setting value.
biosSettingCurrentValue	.1.3.6.1.4.1.674.10892.1.1400.90.1.6	Current value of the BIOS setting. If value type is orderedList(4), value is an ordered comma-separated list of values if there is more than one value.

MIB Object	OID	Description
biosSettingPendingValue	.1.3.6.1.4.1.674.10892.1.1400.90.1.7	Pending value of the BIOS setting. This value will not take effect until some point in the future. This would typically be used to represent a value that could not be changed until a system reset. If value type is orderedList(4), value is an ordered comma-separated list of values if there is more than one value.
biosSettingDefaultValue	.1.3.6.1.4.1.674.10892.1.1400.90.1.8	Default value of the BIOS setting. If value type is orderedList(4), value is an ordered comma-separated list of values if there is more than one value.
biosSettingPossibleValues	.1.3.6.1.4.1.674.10892.1.1400.90.1.9	Possible values of the BIOS setting. If value type is integer(1) or string(2), no value is returned. If value type is enumeration(3) or orderedList(4), value is a comma-separated list of values if there is more than one value.
biosSettingDisplayOrder	.1.3.6.1.4.1.674.10892.1.1400.90.1.10	Recommended display order of the BIOS setting within its BIOS setting group. This value can be used to display BIOS settings from lowest number to highest number.
biosSettingGroupDisplayName	.1.3.6.1.4.1.674.10892.1.1400.90.1.11	Display name of the BIOS setting group for the BIOS setting.
biosSettingFQDD	.1.3.6.1.4.1.674.10892.1.1400.90.1.12	Fully Qualified Device Descriptor (FQDD) for the BIOS setting.

## Local Response Agent Group

The following tables list the available local response agent (LRA) group MIB objects.

### IRAGlobalSettingsTable

MIB Object	OID	Description
IRAGlobalSettingsTableEntry	.1.3.6.1.4.1.674.10892.1.1500.10.1	Local Response Agent (LRA) Global Settings Table Entry.
IRAGlobalchassisIndex	.1.3.6.1.4.1.674.10892.1.1500.10.1.1	Index (one based) of the associated chassis.
IRAGlobalState	.1.3.6.1.4.1.674.10892.1.1500.10.1.2	State settings of the Local Response Agent.
IRAGlobalSettingsDisableTimeout Value	.1.3.6.1.4.1.674.10892.1.1500.10.1.3	Time-out duration in seconds that the Local Response Agent will be disabled after a machine shutdown and reboot.
IRAGlobalSettingsCapabilities Unique	.1.3.6.1.4.1.674.10892.1.1500.10.1.4	Global settings capabilities that all Local Response Agents may or may not allow to be set or reset.
IRAGlobalThermalShutdown CapabilitiesUnique	.1.3.6.1.4.1.674.10892.1.1500.10.1.5	Thermal shutdown capabilities of the Local Response Agent.
IRAGlobalThermalShutdownState SettingsUnique	.1.3.6.1.4.1.674.10892.1.1500.10.1.6	Thermal shutdown settings of the Local Response Agent.

### IRAActionTableTable

MIB Object	OID	Description
IRAActionTableTableEntry	.1.3.6.1.4.1.674.10892.1.1500.20.1	Local Response Agent (LRA) Action Table Entry.
IRAActionTablechassisIndex	.1.3.6.1.4.1.674.10892.1.1500.20.1.1	Index (one based) of the associated chassis.

MIB Object	OID	Description
IRAActionTableActionNumber Index	.1.3.6.1.4.1.674.10892.1.1500.20.1.2	<p>Action number index of the LRA action. The currently supported values are the following:</p> <ul style="list-style-type: none"> <li>• 160 temperature failure action definition</li> <li>• 168 cooling device failure action definition</li> <li>• 172 voltage failure action definition</li> <li>• 200 temperature warning action definition</li> <li>• 202 voltage warning action definition</li> <li>• 204 cooling device warning action definition</li> <li>• 206 amperage failure action definition</li> <li>• 208 amperage warning action definition</li> <li>• 210 redundancy unit redundancy lost action definition</li> <li>• 212 redundancy unit redundancy degraded action definition</li> <li>• 214 power supply failure action definition</li> <li>• 220 chassis intrusion action definition</li> <li>• 228 memory device noncritical action definition</li> <li>• 474 memory device critical action definition</li> <li>• 1006 automatic system recovery (ASR) action definition</li> <li>• 1353 power supply warning action definition</li> <li>• 1553 log near full action definition</li> <li>• 1554 log full action definition</li> <li>• 1603 processor warning action definition</li> <li>• 1604 processor failure action definition</li> <li>• 1703 battery warning action definition</li> <li>• 1704 battery failure action definition</li> </ul>

MIB Object	OID	Description
IRAActionTableUserApplication Name	.1.3.6.1.4.1.674.10892.1.1500.20.1.3	Name of the user application executable path and file name to execute by the Local Response Agent if the value executeApplication was set.
IRAActionTableSettingsUnique	.1.3.6.1.4.1.674.10892.1.1500.20.1.4	Settings for the LRA action.

### Cost of Ownership Group

The following tables list the available cost of ownership (COO) group MIB objects.

#### cooTableEntry

MIB Object	OID	Description
cooTableEntry	.1.3.6.1.4.1.674.10892.1.1600.10.1	Cost Of Ownership (COO) Table Entry.
coochassisIndex	.1.3.6.1.4.1.674.10892.1.1600.10.1.1	Index (one based) of the associated chassis.
cooState	.1.3.6.1.4.1.674.10892.1.1600.10.1.2	State settings of the COO information.
cooAquisitionPurchaseCost	.1.3.6.1.4.1.674.10892.1.1600.10.1.3	Purchase cost of the system.
cooAquisitionWayBillNumber	.1.3.6.1.4.1.674.10892.1.1600.10.1.4	Waybill number of the system.
cooAquisitionInstallDateName	.1.3.6.1.4.1.674.10892.1.1600.10.1.5	Install date and time of the system. Dates are defined in the ASCII format: yyyyMMddhhmmss . uuuuuu+ fff or yyyyMMddhhmmss . uuuuuu- fff where yyyy is the year, MM is the month, dd is the day, hh are the hours, mm are the minutes, ss are the seconds, uuuuuu are the microseconds, and +fff or -fff is the offset from UTC in minutes.
cooAquisitionPurchaseOrder	.1.3.6.1.4.1.674.10892.1.1600.10.1.6	Purchase order number of the system.

MIB Object	OID	Description
cooAquisitionPurchaseDateName	.1.3.6.1.4.1.674.10892.1.1600.10.1.7	<p>Purchase date and time of the system. Dates are defined in the ASCII format:</p> <p>yyyyMMddhhmmss .uuuuuu+fff</p> <p>or</p> <p>yyyyMMddhhmmss .uuuuuu-fff</p> <p>where <i>yyyy</i> is the year, <i>MM</i> is the month, <i>dd</i> is the day, <i>hh</i> are the hours, <i>mm</i> are the minutes, <i>ss</i> are the seconds, <i>uuuuuu</i> are the microseconds, and <i>+fff</i> or <i>-fff</i> is the offset from UTC in minutes.</p>
cooAquisitionSigningAuthorityName	.1.3.6.1.4.1.674.10892.1.1600.10.1.8	Name of the signing authority for the system.
cooOriginalMachineConfigurationExpensed	.1.3.6.1.4.1.674.10892.1.1600.10.1.9	Whether the purchase of the system was expensed.
cooOriginalMachineConfigurationVendorName	.1.3.6.1.4.1.674.10892.1.1600.10.1.10	Name of the vendor of the system.
cooCostCenterInformationVendorName	.1.3.6.1.4.1.674.10892.1.1600.10.1.11	Cost center name of the system.
cooUserInformationUserName	.1.3.6.1.4.1.674.10892.1.1600.10.1.12	Name of the user of the system.
cooExtendedWarrantyStartDateName	.1.3.6.1.4.1.674.10892.1.1600.10.1.13	<p>Extended warranty start date and time for the system. Dates are defined in the ASCII format:</p> <p>yyyyMMddhhmmss .uuuuuu+fff</p> <p>or</p> <p>yyyyMMddhhmmss .uuuuuu-fff</p> <p>where <i>yyyy</i> is the year, <i>MM</i> is the month, <i>dd</i> is the day, <i>hh</i> are the hours, <i>mm</i> are the minutes, <i>ss</i> are the seconds, <i>uuuuuu</i> are the microseconds and <i>+fff</i> or <i>-fff</i> is the offset from UTC in minutes.</p>

MIB Object	OID	Description
cooExtendedWarrantyEndDateName	.1.3.6.1.4.1.674.10892.1.1600.10.1.14	Extended warranty end date and time for the system. Dates are defined in the ASCII format:  yyyyMMddhhmmss .uuuuuu+fff  or  yyyyMMddhhmmss .uuuuuu-fff where yyyy is the year, MM is the month, dd is the day, hh are the hours, mm are the minutes, ss are the seconds, uuuuuu are the microseconds, and +fff or -fff is the offset from UTC in minutes.
cooExtendedWarrantyCost	.1.3.6.1.4.1.674.10892.1.1600.10.1.15	Extended warranty cost for the system.
cooExtendedWarrantyProviderName	.1.3.6.1.4.1.674.10892.1.1600.10.1.16	Name of the extended warranty provider for the system.
cooOwnershipCode	.1.3.6.1.4.1.674.10892.1.1600.10.1.17	Ownership code for the system.
cooCorporateOwnerName	.1.3.6.1.4.1.674.10892.1.1600.10.1.18	Name of the corporate owner of the system.
cooHazardousWasteCodeName	.1.3.6.1.4.1.674.10892.1.1600.10.1.19	Hazardous waste code name for the system.
cooDeploymentDateLength	.1.3.6.1.4.1.674.10892.1.1600.10.1.20	Deployment time length for the system.
cooDeploymentDurationType	.1.3.6.1.4.1.674.10892.1.1600.10.1.21	Deployment duration time unit for the Dell System.
cooTrainingName	.1.3.6.1.4.1.674.10892.1.1600.10.1.22	Training name for the system.
cooOutsourcingProblemDescriptionName	.1.3.6.1.4.1.674.10892.1.1600.10.1.23	Outsourcing problem description for the system.
cooOutsourcingServiceFeeName	.1.3.6.1.4.1.674.10892.1.1600.10.1.24	Outsourcing service fee for the system.
cooOutsourcingSigningAuthorityName	.1.3.6.1.4.1.674.10892.1.1600.10.1.25	Name of the person who has signing authority for service.
cooOutsourcingProviderFeeName	.1.3.6.1.4.1.674.10892.1.1600.10.1.26	Additional outsourcing charge for service.



MIB Object	OID	Description
cooOutsourcingProviderServiceLevelName	.1.3.6.1.4.1.674.10892.1.1600.10.1.27	Service level agreement for service.
cooInsuranceCompanyName	.1.3.6.1.4.1.674.10892.1.1600.10.1.28	Name of the company insuring the system.
cooBoxAssetTagName	.1.3.6.1.4.1.674.10892.1.1600.10.1.29	Name the system asset tag.
cooBoxSystemName	.1.3.6.1.4.1.674.10892.1.1600.10.1.30	Name of the system.
cooBoxCPUSerialNumberName	.1.3.6.1.4.1.674.10892.1.1600.10.1.31	Name of the CPU serial number in the system.
cooOperatingSystemUpgradeTypeName	.1.3.6.1.4.1.674.10892.1.1600.10.1.32	Name the operating system on the system.
cooOperatingSystemUpgradePatchLevelName	.1.3.6.1.4.1.674.10892.1.1600.10.1.33	Operating system patch level of the system.
cooOperatingSystemUpgradeDate	.1.3.6.1.4.1.674.10892.1.1600.10.1.34	Operating system upgrade date of the system.
cooDepreciationDuration	.1.3.6.1.4.1.674.10892.1.1600.10.1.35	Depreciation duration time for the system.
cooDepreciationDurationType	.1.3.6.1.4.1.674.10892.1.1600.10.1.36	Depreciation duration time unit for the system.
cooDepreciationPercentage	.1.3.6.1.4.1.674.10892.1.1600.10.1.37	Percentage of depreciation for the system.
cooDepreciationMethodName	.1.3.6.1.4.1.674.10892.1.1600.10.1.38	Method of depreciation for the system.
cooRegistrationIsRegistered	.1.3.6.1.4.1.674.10892.1.1600.10.1.39	Whether the system is registered.

**cooServiceContractTable**

MIB Object	OID	Description
cooServiceContractTableEntry	.1.3.6.1.4.1.674.10892.1.1600.20.1	Cost Of Ownership (COO) Service Contract Table Entry.
cooServiceContractchassisIndex	.1.3.6.1.4.1.674.10892.1.1600.20.1.1	Index (one based) of the associated chassis.
cooServiceContractIndex	.1.3.6.1.4.1.674.10892.1.1600.20.1.2	Index (one based) of the COO service contract.

MIB Object	OID	Description
cooServiceContractState	.1.3.6.1.4.1.674.10892.1.1600.20.1.3	State settings of the COO service contract.
cooServiceContractWasRenewed	.1.3.6.1.4.1.674.10892.1.1600.20.1.4	Whether COO service contract was renewed.
cooServiceContractTypeName	.1.3.6.1.4.1.674.10892.1.1600.20.1.5	Name of the type of COO service contract.
cooServiceContractVendorName	.1.3.6.1.4.1.674.10892.1.1600.20.1.6	Name of the provider of the COO service contract.

### cooCostEventLogTable

MIB Object	OID	Description
cooCostEventLogTableEntry	.1.3.6.1.4.1.674.10892.1.1600.30.1	Cost Of Ownership (COO) Cost Event Log Table Entry.
cooCostEventLogchassisIndex	.1.3.6.1.4.1.674.10892.1.1600.30.1.1	Index (one based) of the associated chassis.
cooCostEventLogIndex	.1.3.6.1.4.1.674.10892.1.1600.30.1.2	Index (one based) of the COO cost event log entry.
cooCostEventLogState	.1.3.6.1.4.1.674.10892.1.1600.30.1.3	State settings of the COO cost event log entry.
cooCostEventLogDuration	.1.3.6.1.4.1.674.10892.1.1600.30.1.4	Duration of the COO cost event.
cooCostEventLogDurationType	.1.3.6.1.4.1.674.10892.1.1600.30.1.5	Duration type of the COO cost event.
cooCostEventLogDescription Name	.1.3.6.1.4.1.674.10892.1.1600.30.1.6	Description of the COO cost event.

### cooWarrantyTable

MIB Object	OID	Description
cooWarrantyTableEntry	.1.3.6.1.4.1.674.10892.1.1600.40.1	Cost Of Ownership (COO) Warranty Table Entry.
cooWarrantychassisIndex	.1.3.6.1.4.1.674.10892.1.1600.40.1.1	Index (one based) of the associated chassis.
cooWarrantyIndex	.1.3.6.1.4.1.674.10892.1.1600.40.1.2	Index (one based) of the COO warranty.

MIB Object	OID	Description
cooWarrantyState	.1.3.6.1.4.1.674.10892.1.1600.40.1.3	State settings of the COO warranty.
cooWarrantyDuration	.1.3.6.1.4.1.674.10892.1.1600.40.1.4	Duration of the COO warranty.
cooWarrantyDurationType	.1.3.6.1.4.1.674.10892.1.1600.40.1.5	Duration type of the COO warranty.
cooWarrantyEndDateName	.1.3.6.1.4.1.674.10892.1.1600.40.1.6	End date of the COO warranty. Dates are defined in the ASCII format: yyyyMMddhhmmss .uuuuuu+fff or yyyyMMddhhmmss .uuuuuu-fff where yyyy is the year, MM is the month, dd is the day, hh are the hours, mm are the minutes, ss are the seconds, uuuuuu are the microseconds, and +fff or -fff is the offset from UTC in minutes.
cooWarrantyCost	.1.3.6.1.4.1.674.10892.1.1600.40.1.7	Cost of the COO warranty.

**cooLeaseInformationTable**

MIB Object	OID	Description
cooLeaseInformationTableEntry	.1.3.6.1.4.1.674.10892.1.1600.50.1	Cost Of Ownership (COO) Lease Information Table Entry.
cooLeaseInformationchassisIndex	.1.3.6.1.4.1.674.10892.1.1600.50.1.1	Index (one based) of the associated chassis.
cooLeaseInformationIndex	.1.3.6.1.4.1.674.10892.1.1600.50.1.2	Index (one based) of the COO lease information.
cooLeaseInformationState	.1.3.6.1.4.1.674.10892.1.1600.50.1.3	State settings of the COO lease information.
cooLeaseInformationMultiple Schedules	.1.3.6.1.4.1.674.10892.1.1600.50.1.4	Whether there are multiple schedules for this lease.
cooLeaseInformationBuyOut Amount	.1.3.6.1.4.1.674.10892.1.1600.50.1.5	Buy out amount for this lease.
cooLeaseInformationLeaseRate Factor	.1.3.6.1.4.1.674.10892.1.1600.50.1.6	Rate factor for this lease.

MIB Object	OID	Description
cooLeaseInformationEndDate Name	.1.3.6.1.4.1.674.10892.1.1600.50.1.7	End date for this lease. Dates are defined in the ASCII format: <code>yyyyMMddhhmmss .uuuuuu+fff</code> or <code>yyyyMMddhhmmss .uuuuuu-fff</code> where <i>yyyy</i> is the year, <i>MM</i> is the month, <i>dd</i> is the day, <i>hh</i> are the hours, <i>mm</i> are the minutes, <i>ss</i> are the seconds, <i>uuuuuu</i> are the microseconds, and <i>+fff</i> or <i>-fff</i> is the offset from UTC in minutes.
cooLeaseInformationFairMarket Value	.1.3.6.1.4.1.674.10892.1.1600.50.1.8	Fair market value for this lease.
cooLeaseInformationLessorName	.1.3.6.1.4.1.674.10892.1.1600.50.1.9	Name of the lessor for this lease.

**cooScheduleNumberTable**

MIB Object	OID	Description
cooScheduleNumberTableEntry	.1.3.6.1.4.1.674.10892.1.1600.60.1	Cost Of Ownership (COO) Schedule Number Table Entry.
cooScheduleNumberchassisIndex	.1.3.6.1.4.1.674.10892.1.1600.60.1.1	Index (one based) of the associated chassis.
cooScheduleNumberIndex	.1.3.6.1.4.1.674.10892.1.1600.60.1.2	Index (one based) of the COO schedule number.
cooScheduleNumberState	.1.3.6.1.4.1.674.10892.1.1600.60.1.3	State settings of the COO schedule number.
cooScheduleNumberLease InformationIndexReference	.1.3.6.1.4.1.674.10892.1.1600.60.1.4	Index (one based) of the COO lease information associated with the COO schedule number.
cooScheduleNumberDescription Name	.1.3.6.1.4.1.674.10892.1.1600.60.1.5	Description of the COO schedule number.

**cooOptionsTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
cooOptionsTableEntry	.1.3.6.1.4.1.674.10892.1.1600.70.1	Cost Of Ownership (COO) Options Table Entry.
cooOptionschassisIndex	.1.3.6.1.4.1.674.10892.1.1600.70.1.1	Index (one based) of the associated chassis.
cooOptionsIndex	.1.3.6.1.4.1.674.10892.1.1600.70.1.2	Index (one based) of the COO options.
cooOptionsState	.1.3.6.1.4.1.674.10892.1.1600.70.1.3	State settings of the COO options.
cooOptionsLeaseInformationIndex Reference	.1.3.6.1.4.1.674.10892.1.1600.70.1.4	Index (one based) of the COO lease information associated with the COO options.
cooOptionsDescriptionName	.1.3.6.1.4.1.674.10892.1.1600.70.1.5	Description of the COO options.

**cooMaintenanceTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
cooMaintenanceTableEntry	.1.3.6.1.4.1.674.10892.1.1600.80.1	Cost Of Ownership (COO) Maintenance Table Entry.
cooMaintenancechassisIndex	.1.3.6.1.4.1.674.10892.1.1600.80.1.1	Index (one based) of the associated chassis.
cooMaintenanceIndex	.1.3.6.1.4.1.674.10892.1.1600.80.1.2	Index (one based) of the COO maintenance.
cooMaintenanceState	.1.3.6.1.4.1.674.10892.1.1600.80.1.3	State settings of the COO maintenance.
cooMaintenanceStartDateName	.1.3.6.1.4.1.674.10892.1.1600.80.1.4	Start date of the COO maintenance. Dates are defined in the ASCII format: yyyyMMddhhmmss . uuuuuu+ f f f or yyyyMMddhhmmss . uuuuuu- f f f where yyyy is the year, MM is the month, dd is the day, hh are the hours, mm are the minutes, ss are the seconds, uuuuuu are the microseconds, and +fff or -fff is the offset from UTC in minutes.

MIB Object	OID	Description
cooMaintenanceEndDateName	.1.3.6.1.4.1.674.10892.1.1600.80.1.5	End date of the COO maintenance. Dates are defined in the ASCII format: yyyyMMddhhmmss .uuuuuu+fff or yyyyMMddhhmmss .uuuuuu-fff where yyyy is the year, MM is the month, dd is the day, hh are the hours, mm are the minutes, ss are the seconds, uuuuuu are the microseconds, and +fff or -fff is the offset from UTC in minutes.
cooMaintenanceProviderName	.1.3.6.1.4.1.674.10892.1.1600.80.1.6	Name of the provider of the COO maintenance.
cooMaintenanceRestrictionsName	.1.3.6.1.4.1.674.10892.1.1600.80.1.7	Text of the maintenance agreement restrictions.

**cooRepairTable**

MIB Object	OID	Description
cooRepairTableEntry	.1.3.6.1.4.1.674.10892.1.1600.90.1	Cost Of Ownership (COO) Repair Table Entry.
cooRepairchassisIndex	.1.3.6.1.4.1.674.10892.1.1600.90.1.1	Index (one based) of the associated chassis.
cooRepairIndex	.1.3.6.1.4.1.674.10892.1.1600.90.1.2	Index (one based) of the COO repair.
cooRepairState	.1.3.6.1.4.1.674.10892.1.1600.90.1.3	State setting of the COO repair.
cooRepairCounter	.1.3.6.1.4.1.674.10892.1.1600.90.1.4	Number of repairs this system has had.
cooRepairVendorName	.1.3.6.1.4.1.674.10892.1.1600.90.1.5	Repair vendors's name.

**cooSupportInformationTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
cooSupportInformationTableEntry	.1.3.6.1.4.1.674.10892.1.1600.100.1	Cost Of Ownership (COO) Support Information Table Entry.
cooSupportInformationchassisIndex	.1.3.6.1.4.1.674.10892.1.1600.100.1.1	Index (one based) of the associated chassis.
cooSupportInformationIndex	.1.3.6.1.4.1.674.10892.1.1600.100.1.2	Index (one based) of the COO support information.
cooSupportInformationState	.1.3.6.1.4.1.674.10892.1.1600.100.1.3	State setting of the COO support information.
cooSupportInformationIs Outsourced	.1.3.6.1.4.1.674.10892.1.1600.100.1.4	Whether support is outsourced.
cooSupportInformationType	.1.3.6.1.4.1.674.10892.1.1600.100.1.5	Type of the component, system, or network problem that occurred.
cooSupportInformationHelpDesk Name	.1.3.6.1.4.1.674.10892.1.1600.100.1.6	Help Desk support information provided.
cooSupportInformationFixType Name	.1.3.6.1.4.1.674.10892.1.1600.100.1.7	Method used to fix the problem.

**cooTroubleTicketTable**

<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
cooTroubleTicketTableEntry	.1.3.6.1.4.1.674.10892.1.1600.110.1	Cost Of Ownership (COO) Trouble Ticket Table Entry.
cooTroubleTicketchassisIndex	.1.3.6.1.4.1.674.10892.1.1600.110.1.1	Index (one based) of the associated chassis.
cooTroubleTicketIndex	.1.3.6.1.4.1.674.10892.1.1600.110.1.2	Index (one based) of the COO trouble ticket.
cooTroubleTicketState	.1.3.6.1.4.1.674.10892.1.1600.110.1.3	State settings of the COO trouble ticket.
cooTroubleTicketSupport InformationIndexReference	.1.3.6.1.4.1.674.10892.1.1600.110.1.4	Index (one based) of the COO support information associated with the COO trouble ticket.
cooTroubleTicketNumberName	.1.3.6.1.4.1.674.10892.1.1600.110.1.5	Name of the COO trouble ticket.

## Cluster Group

The following table lists the available cluster group MIB objects.

### clusterTable

MIB Object	OID	Description
clusterTableEntry	.1.3.6.1.4.1.674.10892.1.1800.10.1	Cluster Table Entry.
clusterChassisIndex	.1.3.6.1.4.1.674.10892.1.1800.10.1.1	Index (one based) of the associated chassis.
clusterIndex	.1.3.6.1.4.1.674.10892.1.1800.10.1.2	Index (one based) of the cluster.
clusterStateCapabilities	.1.3.6.1.4.1.674.10892.1.1800.10.1.3	State capabilities of the cluster.
clusterStateSettings	.1.3.6.1.4.1.674.10892.1.1800.10.1.4	State settings of the cluster.
clusterStatus	.1.3.6.1.4.1.674.10892.1.1800.10.1.5	Status of the cluster.
clusterType	.1.3.6.1.4.1.674.10892.1.1800.10.1.6	Type of the cluster.
clusterTypeDescriptionName	.1.3.6.1.4.1.674.10892.1.1800.10.1.7	Description name for the type of the cluster.
clusterName	.1.3.6.1.4.1.674.10892.1.1800.10.1.8	Name of the cluster.

## Baseboard Management Controller Group

The following tables list the available baseboard management controller (BMC) group MIB objects.

### bmcTable

MIB Object	OID	Description
bmcTableEntry	.1.3.6.1.4.1.674.10892.1.1900.10.1	Baseboard Management Controller (BMC) Table Entry.
bmcChassisIndex	.1.3.6.1.4.1.674.10892.1.1900.10.1.1	Index (one based) of the associated chassis.
bmcIndex	.1.3.6.1.4.1.674.10892.1.1900.10.1.2	Index (one based) of the BMC.
bmcStateCapabilities	.1.3.6.1.4.1.674.10892.1.1900.10.1.3	State capabilities of the BMC.
bmcStateSettings	.1.3.6.1.4.1.674.10892.1.1900.10.1.4	State settings of the BMC.
bmcStatus	.1.3.6.1.4.1.674.10892.1.1900.10.1.5	Status of the BMC.
bmcDisplayName	.1.3.6.1.4.1.674.10892.1.1900.10.1.6	Display name of the BMC.
bmcDescriptionName	.1.3.6.1.4.1.674.10892.1.1900.10.1.7	Description of the BMC.



MIB Object	OID	Description
bmcIPMIVersionName	.1.3.6.1.4.1.674.10892.1.1900.10.1.8	Version of the Intelligent Platform Management Interface (IPMI) specification that the BMC supports.
bmcGUID	.1.3.6.1.4.1.674.10892.1.1900.10.1.9	Globally Unique ID (GUID) of the BMC.
bmcType	.1.3.6.1.4.1.674.10892.1.1900.10.1.10	Type of the BMC.
bmcModuleName	.1.3.6.1.4.1.674.10892.1.1900.10.1.11	Module name for the BMC. The module name is present only on certain systems such as blade systems.
bmcIPv4URLName	.1.3.6.1.4.1.674.10892.1.1900.10.1.12	IPv4 URL for the BMC. The URL is not present on all systems.
bmcIPv6URLName	.1.3.6.1.4.1.674.10892.1.1900.10.1.13	IPv6 URL for the BMC. The URL is not present on all systems.

#### bmcSerialInterfaceTable

MIB Object	OID	Description
bmcSerialInterfaceTableEntry	.1.3.6.1.4.1.674.10892.1.1900.20.1	Baseboard Management Controller (BMC) Serial Interface Table Entry.
bmcSerialInterfaceChassisIndex	.1.3.6.1.4.1.674.10892.1.1900.20.1.1	Index (one based) of the associated chassis.
bmcSerialInterfaceBMCIndex	.1.3.6.1.4.1.674.10892.1.1900.20.1.2	Index (one based) of the associated BMC.
bmcSerialInterfaceIndex	.1.3.6.1.4.1.674.10892.1.1900.20.1.3	Index (one based) of the BMC serial interface.
bmcSerialInterfaceState Capabilities	.1.3.6.1.4.1.674.10892.1.1900.20.1.4	State capabilities of the BMC serial interface.
bmcSerialInterfaceStateSettings	.1.3.6.1.4.1.674.10892.1.1900.20.1.5	State settings of the BMC serial interface.
bmcSerialInterfaceStatus	.1.3.6.1.4.1.674.10892.1.1900.20.1.6	Status of the BMC serial interface.

MIB Object	OID	Description
bmcSerialInterfaceChannelNumber	.1.3.6.1.4.1.674.10892.1.1900.20.1.7	BMC channel number of the BMC serial interface.
bmcSerialInterfaceConnectionModeCapabilities	.1.3.6.1.4.1.674.10892.1.1900.20.1.8	Connection mode capabilities of the BMC serial interface.
bmcSerialInterfaceConnectionModeSettings	.1.3.6.1.4.1.674.10892.1.1900.20.1.9	Connection mode settings of the BMC serial interface.
bmcSerialInterfaceFlowControl	.1.3.6.1.4.1.674.10892.1.1900.20.1.10	Flow control type of the BMC serial interface.
bmcSerialInterfaceBitRate	.1.3.6.1.4.1.674.10892.1.1900.20.1.11	Bit rate of the BMC serial interface.

**bmcLANInterfaceTable**

MIB Object	OID	Description
bmcLANInterfaceTableEntry	.1.3.6.1.4.1.674.10892.1.1900.30.1	Baseboard Management Controller (BMC) LAN Interface Table Entry.
bmcLANInterfaceChassisIndex	.1.3.6.1.4.1.674.10892.1.1900.30.1.1	Index (one based) of the associated chassis.
bmcLANInterfaceBMCIndex	.1.3.6.1.4.1.674.10892.1.1900.30.1.2	Index (one based) of the associated BMC.
bmcLANInterfaceIndex	.1.3.6.1.4.1.674.10892.1.1900.30.1.3	Index (one based) of the BMC LAN interface.
bmcLANInterfaceStateCapabilities	.1.3.6.1.4.1.674.10892.1.1900.30.1.4	State capabilities of the BMC LAN interface.
bmcLANInterfaceStateSettings	.1.3.6.1.4.1.674.10892.1.1900.30.1.5	State settings of the BMC LAN interface.
bmcLANInterfaceStatus	.1.3.6.1.4.1.674.10892.1.1900.30.1.6	Status of the BMC LAN interface.
bmcLANInterfaceChannelNumber	.1.3.6.1.4.1.674.10892.1.1900.30.1.7	BMC channel number of the BMC LAN interface.

MIB Object	OID	Description
bmcLANInterfaceIPAddressSource	.1.3.6.1.4.1.674.10892.1.1900.30.1.8	Source type of the IP address of the BMC LAN interface.
bmcLANInterfaceIPAddress	.1.3.6.1.4.1.674.10892.1.1900.30.1.9	IP address of the BMC LAN interface.
bmcLANInterfaceSubnetMask Address	.1.3.6.1.4.1.674.10892.1.1900.30.1.10	Subnet mask of the BMC LAN interface.
bmcLANInterfaceDefaultGateway Address	.1.3.6.1.4.1.674.10892.1.1900.30.1.11	IP address of the default gateway for the BMC LAN interface.
bmcLANInterfaceMACAddress	.1.3.6.1.4.1.674.10892.1.1900.30.1.12	MAC address of the BMC LAN interface.
bmcLANInterfaceAlertCommunity Name	.1.3.6.1.4.1.674.10892.1.1900.30.1.13	SNMP community used for BMC LAN alerts (traps) sent on the BMC LAN interface.

## Alert Group

The following table lists the available alert group MIB objects.

MIB Object	OID	Description
alertSystem	.1.3.6.1.4.1.674.10892.1.5000.10.1	Name of the system generating the alert.
alertTableIndexOID	.1.3.6.1.4.1.674.10892.1.5000.10.2	OID for the index attribute in the table that contains the object causing the alert. This value can be used to uniquely identify the object causing the alert and to correlate different alerts caused by an object. If not applicable, the value will be 0.0.
alertMessage	.1.3.6.1.4.1.674.10892.1.5000.10.3	Message describing the alert.
alertCurrentStatus	.1.3.6.1.4.1.674.10892.1.5000.10.4	Current status of object causing the alert.
alertPreviousStatus	.1.3.6.1.4.1.674.10892.1.5000.10.5	Previous status of object causing the alert.
alertData	.1.3.6.1.4.1.674.10892.1.5000.10.6	Alert data.
alertMsgID	.1.3.6.1.4.1.674.10892.1.5000.10.7	Alert message ID.

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<b>MIB Object</b>	<b>OID</b>	<b>Description</b>
alertSystemFQDN	.1.3.6.1.4.1.674.10892.1.5000.10.8	Fully qualified domain name of the system generating the alert.
alertServiceTag	.1.3.6.1.4.1.674.10892.1.5000.10.9	Service tag of the system generating the alert.
alertChassisServiceTag	.1.3.6.1.4.1.674.10892.1.5000.10.10	Chassis service tag of the system generating the alert.

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# A

## Management Information Base Objects for SNMP GETS for Unreleased Agents

### Management Information Base Objects for SNMP GETS for Unreleased Agents

The Authentication Manager MIB file contains the following MIB objects for authentication agents that will be released in future.

#### Agent Configuration Service

The following table lists the agent configuration service MIB objects. All values are for use by RSA. They are intended for diagnostic and troubleshooting purposes only.

MIB Object	OID	Description
amCfgBootstrapConfigsSent Total	0.3.6.1.4.1.2197.30.10.1	Total number of initial bootstrap configurations sent to agents.
amCfgUpdateConfigsSentTo tal	0.3.6.1.4.1.2197.30.10.2	Total number of configuration updates sent to agents.
amCfgAgentsNotFoundTotal	0.3.6.1.4.1.2197.30.10.3	Total number of agents in requests that were not found.
amCfgAgentsFoundDisabled Total	0.3.6.1.4.1.2197.30.10.4	Total number of times requests for disabled agents were received.
amCfgMalformedRequestsT otal	0.3.6.1.4.1.2197.30.10.5	Total number of malformed configuration service requests received.
amCfgResponseTimeAverag e	0.3.6.1.4.1.2197.30.10.6	Average time to process a configuration request.
amCfgRateSampleTimeS	0.3.6.1.4.1.2197.30.10.7	Sample rate for average configuration response time.

## Message Key Service

The following table lists the MIB objects for the message key service. All values are for use by RSA. They are intended for diagnostic and troubleshooting purposes only.

MIB Object	OID	Description
amMkmNegotiationsTotal	0.3.6.1.4.1.2197.30.11.1	Total number successful or unsuccessful key negotiation requests.
amMkmLookupsTotal	0.3.6.1.4.1.2197.30.11.2	Total number of successful or unsuccessful key lookup requests.
amMkmDeletionsTotal	0.3.6.1.4.1.2197.30.11.3	Total number of successful or unsuccessful key deletion requests.
amMkmRmtLookupsTotal	0.3.6.1.4.1.2197.30.11.4	Total number of key lookup requests for keys negotiated on other servers.
amMkmRmtDeletionsTotal	0.3.6.1.4.1.2197.30.11.5	Total number of key lookup requests for keys negotiated on other servers.
amMkmFailedNegotiationsTotal	0.3.6.1.4.1.2197.30.11.6	Total number of key negotiation requests that did not complete.
amMkmFailedLookupsTotal	0.3.6.1.4.1.2197.30.11.7	The total number of key lookup requests that were unsuccessful.
amMkmFailedDeletionsTotal	0.3.6.1.4.1.2197.30.11.8	The total number of key deletion requests that were unsuccessful.
amMkmFailedCredentialsTotal	0.3.6.1.4.1.2197.30.11.9	The total number of key negotiation failures due to agent credential (secret key) errors.
amMkmNegotiationRatePerSec	0.3.6.1.4.1.2197.30.11.10	Key negotiations per second that occurred over the last 30 seconds.
amMkmLookupRatePerSec	0.3.6.1.4.1.2197.30.11.11	Key lookups per second that occurred over the last 30 seconds.
getAmMkmRateSampleTimeSec	0.3.6.1.4.1.2197.30.11.12	Time over which the “per second” rates are sampled. (30)

## Authentication Service

The following table lists the MIB objects for the authentication service. All values are for use by RSA. They are intended for diagnostic and troubleshooting purposes only.

MIB Object	OID	Description
amAuthsvcMalformedXmlReqTotal	0.3.6.1.4.1.2197.30.12.1	Total number of malformed XML authentication requests
amAuthsvcSuccessAuthnTotal	0.3.6.1.4.1.2197.30.12.2	Total number authentication requests which were successful
amAuthsvcAuthnRatePerSec	0.3.6.1.4.1.2197.30.12.3	Number of authentication requests received per second, over the last 60 seconds
amAuthsvcAuthnSuccessRatePerSec	0.3.6.1.4.1.2197.30.12.4	Number of successful authentication requests received per second, over the last 60 seconds.
amAuthsvcMalformedCmsTotal	0.3.6.1.4.1.2197.30.12.5	Total number of authentication requests received with malformed CMS data
amAuthsvcInvalidMkTotal	0.3.6.1.4.1.2197.30.12.6	Total number of authentication requests received with invalid message keys
amAuthsvcAuthnReqTotal	0.3.6.1.4.1.2197.30.12.7	Total number of authentication requests received

