

RSA Identity Governance and Lifecycle
Connector Data Sheet for Amazon Web Services



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Purpose

This data sheet provides the configuration information required to create a new Amazon Web Services connector.

Supported Software

RSA Identity Governance and Lifecycle: 7.1.x and above

Application: *Amazon Web Services*

Prerequisites

In order to use Amazon Web Services connector, do the following:

- Using Amazon Web Services account, create new access credentials following the below link :
 - Go to – https://portal.aws.amazon.com/gp/aws/securityCredentials#cred_block
 - Click on “Create New Access Key” and get the security credentials – Access Key and secret Key.

Configuration

The Connector creation is made up of three sections:

General – General details about the Connector; viz. the name, type etc.

Settings – The connection settings required to connect the RSA-IMG and the End-point Application in consideration.

Capabilities – These are the list of “verbs” or capabilities that the RSA-IMG Connector supports; for e.g. “Create, Update, Delete, etc.”

General

The following table helps you with the Parameters asked on the “General” screen while creating the Connector.

Field Name	Value
Name	Amazon Web Services Connector
Description	Amazon Web Services Connector
Server	AFX Server
Connector Template	Amazon AWS
State	Test
Export As Template	N/A

Note: When you are satisfied your connector is configured properly change the state to Active. No automated provisioning will occur while in the Test state. It is recommended that you test all enabled commands using the Test Connector Settings and Test Connector Capabilities prior to changing to the Active state.

Settings

The following table helps you with the Parameters asked on the “Settings” screen while creating the Connector.

Field Name	Value
Access Key	<Amazon Web Services access key is a security credential>
Secret Key	<Amazon Web Services secret key is a security credential>
Proxy Host	<proxy host or IP if you are using proxy server to access internet>
Proxy Port	<proxy port or IP if you are using proxy server to access internet>
Proxy Username	<proxy username if you are using proxy server to access internet>
Proxy Password	<proxy password if you are using proxy server to access internet>

Note: Parameters Proxy Host, Proxy Port, Proxy Username, Proxy Password are needed only if connector needs to run through a proxy server.

Capabilities

The following table(s) helps you with the Parameters asked when enabling the commands (verbs) on the “Capabilities” screen; while creating the Connector.

Following commands are supported by Amazon Web Services AFX adapter:

- Create an Amazon AWS account
- Delete an Amazon AWS account
- Remove a Policy associated with an Amazon AWS account
- Add an Amazon AWS account to a group
- Remove an Amazon AWS account from a group
- Create an Amazon AWS group
- Delete an Amazon AWS group
- Remove a Policy associated with an Amazon AWS group
- Reset Password for an Amazon AWS account

Command Input Parameters

1. Create an AmazonAWS Account

While defining the “Create an Account” verb, certain parameters need to be defined. The following tables will help you define these parameters. Each table is dedicated to one parameter.

Field Name	Value
Parameter Name	UserName
Type	STRING
Default Value	None
Is the parameter required?	Yes
Is the parameter encrypted?	No
Display Name	AmazonAWS username
Mapping	\${User.User_Id}
Description	AmazonAWS UserName

Note: The below parameter “Password” is available from RSA Identity Governance and Lifecycle versions 7.2.1 and above.

Field Name	Value
Parameter Name	Password
Type	STRING
Default Value	None
Is the parameter required?	No

Is the parameter encrypted?	Yes
Display Name	Password
Mapping	\${AccountPassword}
Description	Parameter named 'Password' expects to have new Password of the account

2. Delete an Amazon AWS Account

While defining the “Delete an Account” verb, certain parameters need to be defined. The following tables will help you define these parameters. Each table is dedicated to one parameter.

Field Name	Value
Parameter Name	UserName
Type	STRING
Default Value	None
Is the parameter required?	Yes
Is the parameter encrypted?	No
Display Name	AmazonAWS username
Mapping	\${Account.Name}
Description	AmazonAWS UserName

3. Remove a Policy Associated with an Amazon AWS Account

While defining the “Remove a Policy Associated with an Amazon AWS Account” verb, certain parameters need to be defined. The following tables will help you define these parameters. Each table is dedicated to one parameter.

Field Name	Value
Parameter Name	UserName
Type	STRING
Default Value	None
Is the parameter required?	Yes
Is the parameter encrypted?	No
Display Name	AmazonAWS username
Mapping	\${Account.Name}
Description	AmazonAWS UserName

Field Name	Value
Parameter Name	PolicyName
Type	STRING
Default Value	None
Is the parameter required?	Yes
Is the parameter encrypted?	No
Display Name	AmazonAWS user policy name

Mapping	<code>\${Entitlement.Resource_Name}</code>
Description	AmazonAWS PolicyName (Format of the PolicyName to be given as value is: <code><PolicyName_UserName></code>)

4. Create an Amazon AWS Group

While defining the “Create an Amazon AWS Group” verb, certain parameters need to be defined. The following tables will help you define these parameters. Each table is dedicated to one parameter.

Field Name	Value
Parameter Name	GroupName
Type	STRING
Default Value	None
Is the parameter required?	Yes
Is the parameter encrypted?	No
Display Name	AmazonAWS groupname
Mapping	<code>\${Group.Name}</code>
Description	AmazonAWS GroupName

5. Delete an Amazon AWS Group

While defining the “Delete an Amazon AWS Group” verb, certain parameters need to be defined. The following tables will help you define these parameters. Each table is dedicated to one parameter.

Field Name	Value
Parameter Name	GroupName

Type	STRING
Default Value	None
Is the parameter required?	Yes
Is the parameter encrypted?	No
Display Name	AmazonAWS groupname
Mapping	\${Group.Name}
Description	AmazonAWS GroupName

6. Add an Amazon AWS account to a group

While defining the “Add an Amazon AWS account to a group” verb, certain parameters need to be defined. The following tables will help you define these parameters. Each table is dedicated to one parameter.

Field Name	Value
Parameter Name	UserName
Type	STRING
Default Value	None
Is the parameter required?	Yes
Is the parameter encrypted?	No
Display Name	AmazonAWS username
Mapping	\${Account.Name}
Description	AmazonAWS UserName

Field Name	Value
Parameter Name	GroupName
Type	STRING
Default Value	None
Is the parameter required?	Yes
Is the parameter encrypted?	No
Display Name	AmazonAWS groupname
Mapping	\${Group.Name}
Description	AmazonAWS GroupName

7. Remove an Amazon AWS account from a group

While defining the “Remove an Amazon AWS account to a group” verb, certain parameters need to be defined. The following tables will help you define these parameters. Each table is dedicated to one parameter.

Field Name	Value
Parameter Name	UserName
Type	STRING
Default Value	None
Is the parameter required?	Yes
Is the parameter encrypted?	No
Display Name	AmazonAWS username
Mapping	\${Account.Name}
Description	AmazonAWS UserName

Field Name	Value
Parameter Name	GroupName
Type	STRING
Default Value	None
Is the parameter required?	Yes
Is the parameter encrypted?	No
Display Name	Group name

Mapping	\${Group.Name}
Description	AmazonAWS GroupName

8. Remove a Policy associated with an AmazonAWS group

While defining the “Remove Policy associated with an Amazon AWS account to a group” verb, certain parameters need to be defined. The following tables will help you define these parameters. Each table is dedicated to one parameter.

Field Name	Value
Parameter Name	GroupName
Type	STRING
Default Value	None
Is the parameter required?	Yes
Is the parameter encrypted?	No
Display Name	AmazonAWS groupname
Mapping	\${Group.Name}
Description	AmazonAWS GroupName

Field Name	Value
Parameter Name	PolicyName
Type	STRING
Default Value	None

Is the parameter required?	Yes
Is the parameter encrypted?	No
Display Name	AmazonAWS group policy name
Mapping	\${Entitlement.Resource_Name}
Description	AmazonAWS PolicyName (Format of the PolicyName to be given as value is: <PolicyName_GroupName>)

9. Reset Password for an Amazon AWS account

While defining the “Reset an Account Password” verb, certain parameters need to be defined. The following tables will help you define these parameters. Each table is dedicated to one parameter.

Field Name	Value
Parameter Name	UserName
Type	STRING
Default Value	None
Is the parameter required?	Yes
Is the parameter encrypted?	No
Display Name	UserName
Mapping	\${Account.Name}
Description	AmazonAWS UserName

Field Name	Value
Parameter Name	Password
Type	STRING
Default Value	None
Is the parameter required?	Yes
Is the parameter encrypted?	Yes
Display Name	Password
Mapping	\${AccountPassword}
Description	Parameter named 'Password' expects to have new Password of the account

Note: The capability “Reset an Account Password” is available from RSA Identity Governance and Lifecycle versions 7.2.1 and above.

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