RSA NetWitness Logs

Event Source Log Configuration Guide

Microsoft Dynamic Host Configuration Protocol Server

Last Modified: Thursday, June 08, 2017

Event Source Product Information:

Vendor: Microsoft
Event Source: Dynamic Host Configuration Protocol (DHCP) Server
Versions: Windows 2000,Windows 2003, Windows 2008, Windows 2012
Additional Downloads: sftpagent_conf_msdhcpwin2000.txt, sftpagent_conf_msdhcpwin2003.txt sftpagent.conf.msdhcpwin2k8, sftpagent.conf.msdhcpwin2k12

RSA Product Information:

Supported On: NetWitness Suite 10.0 and later
Event Source Log Parser: msdhcp
Collection Method: File
Event Source Class.Subclass: Host.Application Servers

You must complete these tasks to configure Microsoft DHCP Server to work with RSA NetWitness Suite:

I. Configure Microsoft DHCP server.

II. Set up the SFTP Agent

III. Configure the RSA NetWitness Suite Log Collector for File Collection

Configure Microsoft DHCP Server

Follow the appropriate instructions for your version of Microsoft DHCP Server.

To configure Microsoft DHCP Server 2008 or 2012:

1. Open the Microsoft DHCP Service Manager.
2. In the left-hand pane, double-click the server name.
3. To configure IPv4 properties, double-click **IPv4**, and follow these steps:
   a. Right-click **IPv4**, and select **Properties**.
   b. On the **General** tab, make sure that **Enable DHCP audit logging** is selected.
   c. Click the **Advanced** tab, and take note of the audit log file path.

      Note: You will need to supply this path name when you set up the RSA SFTP Agent.

   d. Click **OK**.
4. To configure IPv6 properties, double-click **IPv6,** and follow these steps:
   a. Right-click **IPv6,** and select **Properties**.
   b. On the **General** tab, make sure that **Enable DHCP audit logging** is selected.
   c. Click on **Advanced** tab, and take note of the audit log file path.

      Note: You will need to supply this path name when you set up the RSA SFTP Agent.

   d. Click **OK**.

To configure Microsoft DHCP Server 2000 or 2003:

1. Open the Microsoft DHCP Server administration console.
2. In the left-hand pane, right-click the server name, and select **Properties**.
3. On the **General** tab, make sure that **Enable DHCP audit logging** is selected.
4. Click the **Advanced** tab, and take note of the audit log file path.

   Note: You will need to supply this path name when you set up the RSA SFTP

Agent.

5. Click **OK**.

Set Up SFTP Agent and File Collection

Set Up the SFTP Agent

To set up the SFTP Agent Collector for Windows, see Install and Update SFTP Agent.

Configure the Log Collector for File Collection

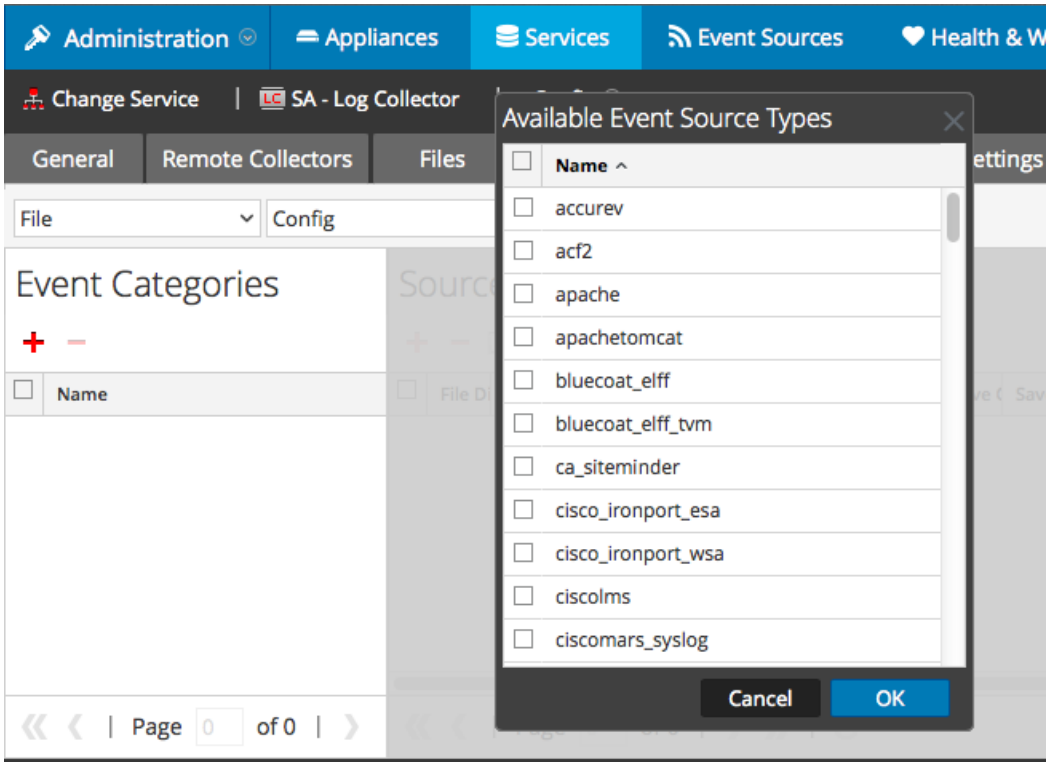
Perform the following steps to configure the Log Collector for File collection.

To configure the Log Collector for file collection:

1. In the **NetWitness** menu, select **Administration** > **Services**.
2. In the Services grid, select a Log Collector, and from the Actions menu, choose **View** > **Config** > **Event Sources**.
3. Select **File/Config** from the drop-down menu.

   The Event Categories panel displays the File event sources that are configured, if any.
4. In the Event Categories panel toolbar, click +.

   The Available Event Source Types dialog is displayed.

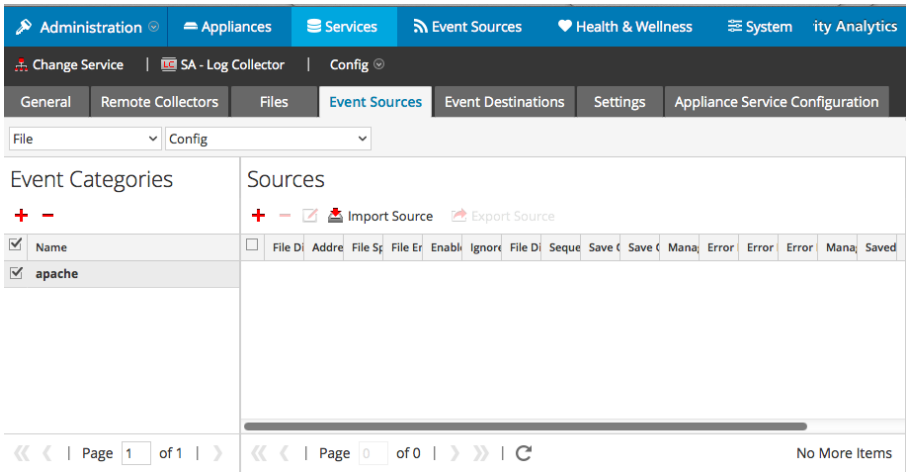


5. Select the correct type from the list, and click **OK**.

   From the **Available Event Source Types** dialog, select the appropriate type, based on your version:

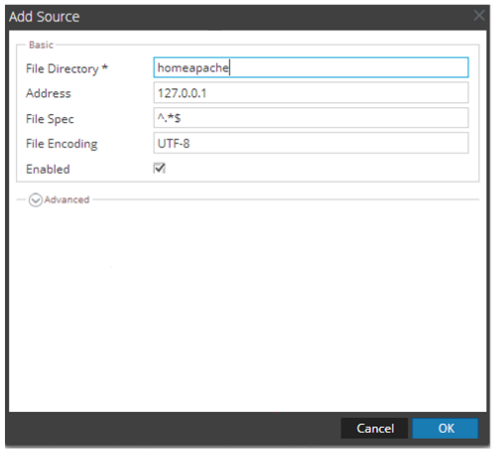
   - If you are using Windows 2000, select **microsoft_dhcp_2000**
   - If you are using Windows 2003, select **microsoft_dhcp_2003**
   - If you are using Windows 2008, select **microsoft_dhcp_2008**
   - If you are using Windows 2012, select **microsoft_dhcp_2012**
   - If you are using Windows 2012, and DHCP for IPv6, select **microsoft_dhcpv6_2012**

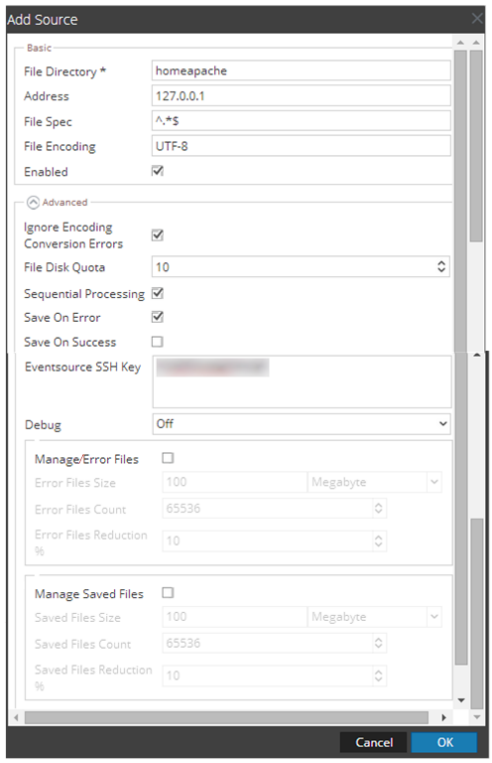
   The newly added event source type is displayed in the Event Categories panel.



6. Select the new type in the Event Categories panel and click + in the Sources panel toolbar.

   The Add Source dialog is displayed.





7. Add a File Directory name, modify any other parameters that require changes, and click **OK**.

8. Stop and Restart File Collection. After you add a new event source that uses file

collection, you must stop and restart the NetWitness File Collection service. This is necessary to add the key to the new event source.

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