NetWitness® Platform

EMC Isilon Event Source Log Configuration Guide

NETWITNESS
Platform

EMC Isilon

Last Modified: Monday, June 10, 2024

Event Source Product Information:

Vendor: EMC

Event Source: Isilon

Versions: 6.5.3.32, 6.5.5.7, 7.x, 8.x

Note: NetWitness supports the major version. In case of any configuration changes or logs not parsing in a minor version, please open a case in the NetWitness Community Portal for support.

Additional Download: nicsftpagent.conf.emcisilon

RSA Product Information:

Supported On: NetWitness Platform 12.0 and later

Event Source Log Parser: emcisilon

Collection Method: File, Syslog (7.1.1 and later)

Event Source Class.Subclass: Storage.Storage

Contact Information

NetWitness Community at https://community.netwitness.com contains a knowledge base that answers common questions and provides solutions to known problems, product documentation, community discussions, and case management.

Trademarks

License Agreement

Third-Party Licenses

Note on Encryption Technologies

Distribution

Miscellaneous

February, 2024

Contents

To configure EMC Isilon, complete these tasks:

- Enable Protocol and Configuration Auditing on EMC Isilon
- Set up File Collection
- For versions 7.1.1 and later, you can collect access logs via Syslog
  - Configure EMC Isilon to send Syslog
  - Configure NetWitness Platform for Syslog Collection

Enable Protocol and Configuration Auditing

To Enable Protocol and Configuration auditing on EMC Isilon:

1. Log onto the Administration interface for EMC Isilon with administrative privileges.
2. Go to **Cluster Management** > **Auditing**.
3. Under **Edit Settings**, select the following two boxes:
   - Enable Configuration Change Auditing
   - Enable Protocol Access Auditing
4. Under **Audited Zones**, ensure that at least one zone has been added.
5. Click **Save Changes**.

Set up File Collection

- Set Up the SFTP Agent
- Configure the Log Collector for File Collection

Set Up the SFTP Agent

To set up the SFTP Agent Collector, download the appropriate PDF from NetWitness Link:

- To set up the SFTP agent on Windows, seeInstall and Update SFTP Agent
- To set up the SFTP agent on Linux, see Configure SFTP Shell Script File Transfer

You can download the SFTP Agent sample file for EMC Isilon here: https://community.netwitness.com/t5/netwitness-platform-integrations/emc-isilon-event-source-configuration-guide/ta-p/560316. You need to edit the SFTP Agent sample file, updating the fields as follows:

```
#SILENT=false
PATH=/usr/xpg6/bin:/usr/xpg4/bin:/usr/css/bin:$PATH
RSA NetWitness Platform=<set this to the IP address of the RSA NetWitness Platform Log Decoder>
DATA_DIRECTORY=/var/log/
SA_DIRECTORY=/upload/emcisilon/<Directory name as specified in the SA UI>
PERSINFO_DIRECTORY=/usr/local/sa
TRANSFER_METHOD=SFTP
USERNAME=sftp
IDENTITY=~/.ssh/id_rsa
FILESPEC=audit_*.log
UPLOAD_SPEC=tmp
FLAG_REMOVE_FILE_AFTER_SEND=no
```

Note: For EMC Isilon version 6.5.3.32, and 6.5.5.7, set the Data Directory value as follows:

```
DATA_DIRECTORY=/var/log/:/var/log/audit
```

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:

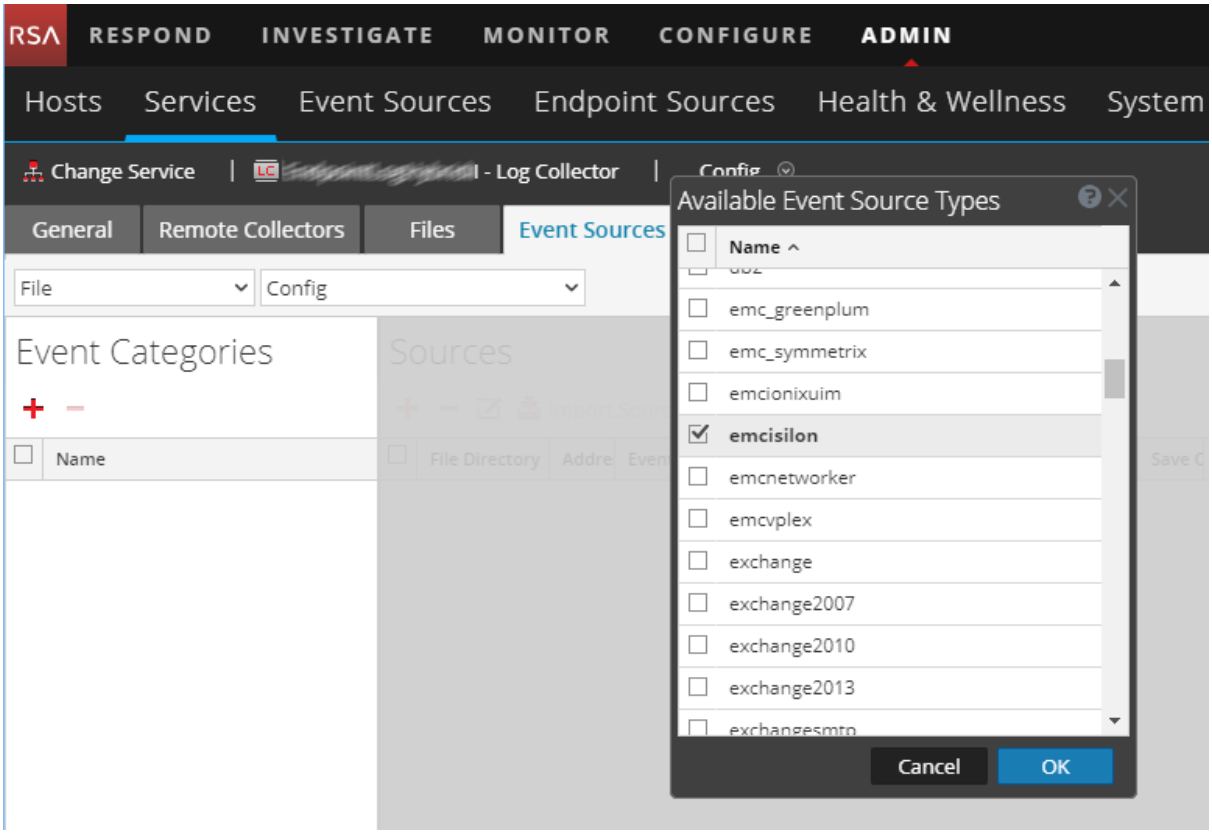
1. In the **NetWitness** menu, select **ADMIN > Services**.
2. In the Services grid, select a Log Collector, and from the Actions menu, choose **View** > **Config** > **Event Sources**.

3. Select **File/Config** from the drop-down menu.

   The Event Categories panel displays the File event sources that are configured, if any.

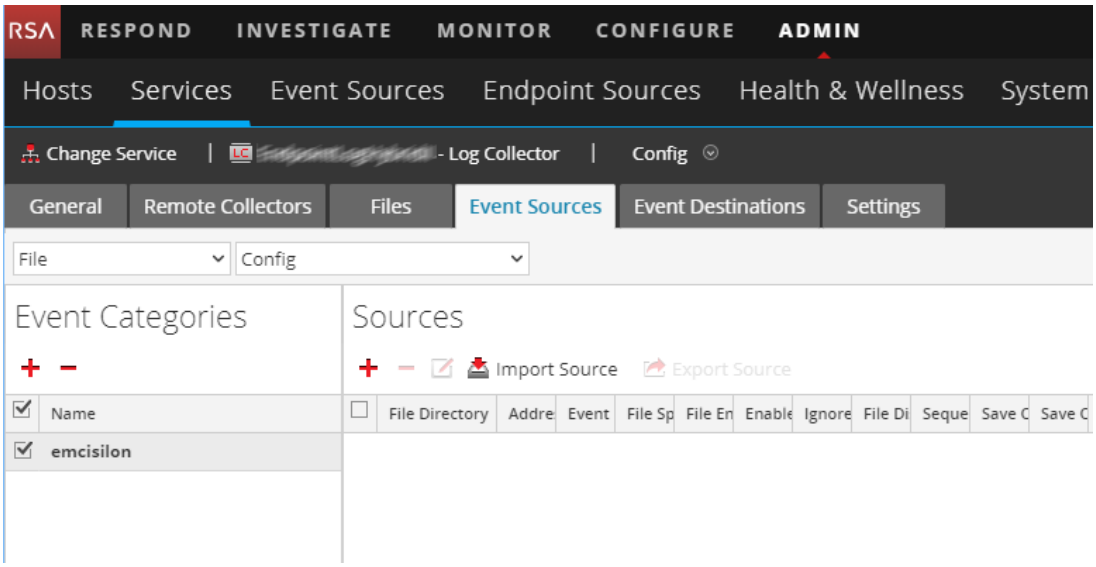
4. In the Event Categories panel toolbar, click +.

   The Available Event Source Types dialog is displayed.



5. Select **emcisilon** from the list, and click **OK**.

   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.

Set up Syslog

Perform the following tasks to set up Syslog collection for EMC Isilon:

- Configure EMC Isilon to send Syslog
- Ensure the required parser is enabled
- Configure NetWitness Platform for Syslog Collection

Configure EMC Isilon to send Syslog

Syslog collection is available only on EMC Isilon versions 7.1.1 and later.

To Enable EMC Isilon to send Syslog:

1. SSH to Isilon using administrative credentials.
2. Run the following command to enable protocol auditing, configuration auditing and syslog forwarding on the cluster:

   ```
   isi audit settings modify --config-auditing-enabled=yes
    --protocol-auditing-enabled=yes
   ```

3. Run the following command to enable Syslog forwarding for a Zone:

   ```
   isi zone zones modify zone_name --syslog-forwarding-enabled=yes
    --syslog-audit-events=all
   ```

   where ***zone_name*** is the name of the zone.

4. Update the Syslog Configuration to forward events:

   a. Find the `/etc/mcp/override/syslog.conf` file. If it does not exist, create it.

   b. Add or modify the following audit entries:

      ```
      !audit_protocol
      *.* @serverIP
      !audit_config
      *.* @serverIP
      ```

      where ***serverIP*** is the IP address of the NetWitness Log Decoder or Remote Log Collector.

   c. Save the file.

Ensure the Required Parser is Enabled

If you do not see your parser in the list while performing this procedure, you need to download it in NetWitness Platform Live.

Ensure that the parser for your event source is available:

1. In the **NetWitness** menu, select (Admin) > **Services**.
2. In the **Services** grid, select a Log Decoder, and from the **Actions (** **)** menu, choose **View** > **Config**.
3. In the **Service Parsers Configuration** panel, search for your event source, and ensure that the **Config Value** field for your event source is selected.

Note: The required parser is **emcisilon**.

Configure RSA NetWitness Platform for Syslog Collection

Note: You only need to configure Syslog collection the first time that you set up an event source that uses Syslog to send its output to NetWitness. You only need to configure either the Log Decoder or the Remote Log Collector for Syslog, not both.

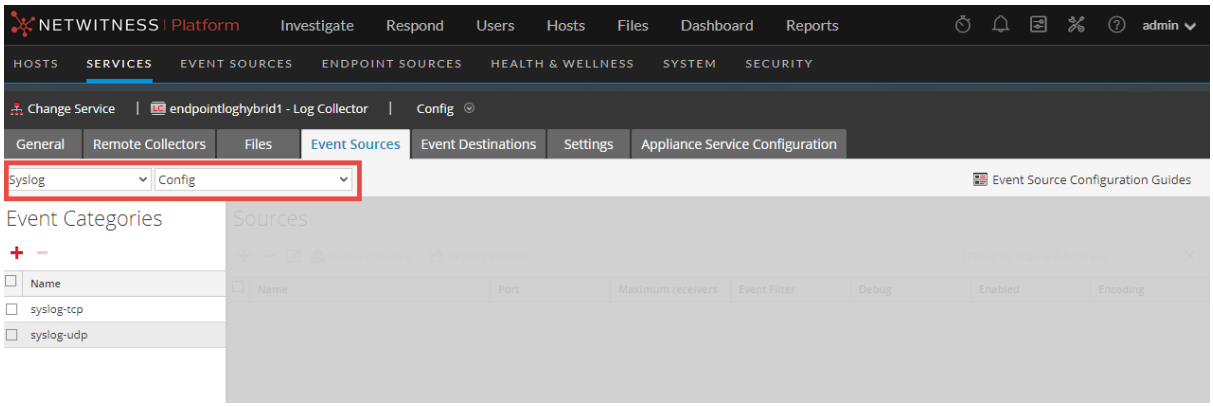
To configure Log Decoder for Syslog Collection

1. In the NetWitness Platform menu, select (Admin) > **Services**.
2. In the **Services** grid, choose a Log Decoder and from the **Actions (** **)** menu, choose **View** > **System**.
3. Depending on the icon you see, do one of the following:
   - If you see Start Capture, click the icon to start capturing Syslog.
   - If you see Stop Capture, you do not need to do anything; this Log Decoder is already capturing Syslog.

To configure Remote Log Collector for Syslog Collection

1. In the NetWitness Platform menu, go to (Admin) > **Services**.
2. In the **Services** grid, select a Remote Log Collector and from the **Actions (**) menu, choose **View** > **Config** > **Event Sources**.
3. Select **Syslog / Config** from the drop-down menu.

   The **Event Categories** panel displays the Syslog event sources that are configured, if any.



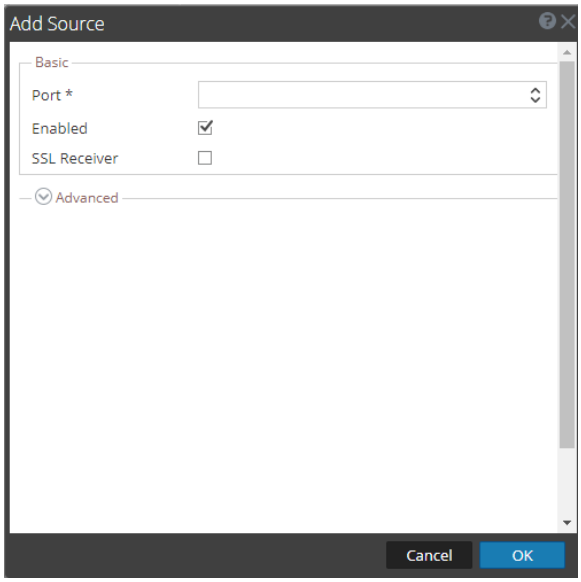
4. In the **Event Categories** panel toolbar, click +.

   The **Available Event Source Types** dialog will appear.

5. Choose either **syslog-tcp** or **syslog-udp**. You can set up either or both, depending on the needs of your organization.

6. Choose the **New Type** in the **Event Categories** panel and click + in the **Sources** panel toolbar.

   The **Add Source** dialog will appear.



7. Enter **514** for the port and choose **Enabled**. Optionally, configure any of the Advanced parameters as necessary.

   Click **OK** to accept your changes and close the dialog box.

After you configure one or both syslog types, the Log Decoder or Remote Log Collector collects those types of messages from all available event sources. You can continue to add Syslog event sources to your system without a need to do any further configuration in NetWitness Platform.

Getting Help with NetWitness Platform

Self-Help Resources

There are several options that provide you with help as you need it for installing and using NetWitness:

- See the documentation for all aspects of NetWitness here: https://community.netwitness.com/t5/netwitness-platform/ct-p/netwitness-documentation.
- Use the **Search** and **Create a Post** fields in NetWitness Community portal to find specific information here: https://community.netwitness.com/t5/netwitness-discussions/bd-p/netwitness-discussions.
- See the NetWitness Knowledge Base: https://community.netwitness.com/t5/netwitness-knowledge-base/tkb-p/netwitness-knowledge-base.
- See the documentation for Logstash JDBC input plugin here: https://www.elastic.co/guide/en/logstash/current/plugins-inputs-jdbc.html.
- See Troubleshooting section in the guides.
- See also NetWitness® Platform Blog Posts.
- If you need further assistance, Contact NetWitness Support.

Contact NetWitness Support

When you contact NetWitness Support, please provide the following information:

- The version number of the NetWitness Platform or application you are using.
- Logs information, even source version, and collection method.
- If you have problem with an event source, enable **Debug** parameter (set this parameter to **On** or **Verbose**) and collect the debug logs to share with the NetWitness Support team.

Use the following contact information if you have any questions or need assistance.

NetWitness Community Portal	https://community.netwitness.com In the main menu, click **Support > Case Portal > View My Cases**.
International Contacts (How to Contact NetWitness Support)	https://community.netwitness.com/t5/support/ct-p/support
Community	https://community.netwitness.com/t5/netwitness-discussions/bd-p/netwitness-discussions

Feedback on Product Documentation

You can send an email to feedbacknwdocs@netwitness.com to provide feedback on NetWitness Platform documentation.