



ArcSight SmartConnectors

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Configuration Guide for ArcSight Common Event Format Multiple File SmartConnector

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Configuration Guide for ArcSight Common Event Format Multiple File SmartConnector

This guide provides information to the SmartConnector for ArcSight Common Event Format (CEF) Multiple File and to configure the device for event collection. This SmartConnector is supported on the Microsoft Windows and Linux platform.

Intended Audience

This guide provides information for IT administrators who are responsible for managing the ArcSight software and its environment.

Additional Documentation

The ArcSight SmartConnector documentation library includes the following resources:

- [Technical Requirements Guide for SmartConnector](#), which provides information about operating system, appliance, browser, and other support details for SmartConnector.
- [Installation and User Guide for SmartConnectors](#), which provides detailed information about installing SmartConnectors.
- [Configuration Guides for ArcSight SmartConnectors](#), which provides information about configuring SmartConnectors to collect events from different sources.
- [Configuration Guide for SmartConnector Load Balancer](#), which provides detailed information about installing Load Balancer.

For the most recent version of this guide and other ArcSight SmartConnector documentation resources, visit the [documentation site for ArcSight SmartConnectors 8.4](#).

Contact Information

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Product Overview

CEF is an open log management standard that improves the interoperability of security-related information from different security and network devices and applications. CEF is based on ArcSight's expertise from building over 230 connectors across 30 different solution categories, and is the first log management standard to support a broad range of device types.

The CEF connector enables ArcSight ESM to connect, aggregate, filter, correlate, and analyze events from applications and devices with CEF standard log output. You can use this powerful, text-based log format to collect logs from customized applications when you modify the output to the CEF standard.

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Preparing to install the SmartConnector

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Before installing the SmartConnector, make sure that the following are available:

- Local access to the machine where the SmartConnector is to be installed
- Administrator passwords

Installing and Configuring the SmartConnector

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1. Select **ArcSight Common Event Format Multiple File** from **Type** drop-down, then click **Next**.
2. Specify the following information:

Parameter	Description
Folder	The absolute path to the location of the log files. For example: <ul style="list-style-type: none">• On Windows: c:\Program Files\CEF_Multi_File\logs\• On Linux: /var/log/cefmultifile/
Wildcard	The log file name ('*.cef') has two parts: Part 1: ('*') is the file name Part 2: ('.cef') is the file type. For example: 'cefmulti.cef' See the section "Log Rotation - File Name Pattern" for details on log file rotation.
Log File Type	Select the appropriate option from the drop-down list: 'cef'. NOTE: To add additional log files, click Add again. You can change folder paths if required.

3. To export the host name data you have entered into the table into a CSV file click **Export**.
4. To select a CSV file to import into the table rather than add the data manually click **Import..**
5. Click **Next**.

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Configuring Log Rotation

To configure [Log Rotation](#), you can edit the agent.properties file after the installation of SmartConnector

1. Open the agent.properties file located at \$ARCSIGHT_HOME\current\user\agent.
2. To enable Daily log rotation, set rotationscheme to Daily, and set rotationschemeparams, as shown in the following example:

```
agents[x].rotationscheme="Daily"  
agents[x].rotationschemeparams="FilePrefix,DateFormat,FileSuffix"
```

Where, for a data file name of foo.2013-09-23.log

```
FilePrefix = foo  
DateFormat = yyyy-mm-dd  
FileSuffix = .log
```

3. To enable Index log rotation, set rotationscheme to Index, and set rotationschemeparams, as shown in the example below:

```
agents[x].rotationscheme="Index"  
agents  
[x].rotationschemeparams="FilePrefix,FileSuffix,Digits,Count,Optional true  
or false"
```

Where for a data file name of foo.log.%03d,001,999,false

4. Save the file and restart the connector for your changes to take effect.

Device Event Mapping to ArcSight Data Fields

For device mappings for a product, refer to the vendor CEF documentation.

Information from vendors is formatted according to the CEF standard and sent to the ArcSight SmartConnector, which translates the data into an ArcSight event.



In a key value parser strings do not require tokenization. They work by default.

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