



Micro Focus Security ArcSight Connectors

**SmartConnector for Windows Event Log – Native:
Microsoft Exchange MailBox Store**

Supplemental Configuration Guide

Document Release Date: July 18, 2018

Software Release Date: July 18, 2018

Legal Notices

Warranty

The only warranties for products and services of Micro Focus and its affiliates and licensors ("Micro Focus") are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Micro Focus shall not be liable for technical or editorial errors or omissions contained herein. The information contained herein is subject to change without notice.

Restricted Rights Legend

Confidential computer software. Except as specifically indicated otherwise, a valid license from Micro Focus is required for possession, use or copying. Consistent with FAR 12.211 and 12.212, Commercial Computer Software, Computer Software Documentation, and Technical Data for Commercial Items are licensed to the U.S. Government under vendor's standard commercial license.

Copyright Notice

© Copyright 2010-2018 Micro Focus or one of its affiliates.

Trademark Notices

Adobe™ is a trademark of Adobe Systems Incorporated.

Microsoft® and Windows® are U.S. registered trademarks of Microsoft Corporation.

UNIX® is a registered trademark of The Open Group.

Support

Contact Information

Phone	A list of phone numbers is available on the Technical Support Page: https://softwaresupport.softwaregrp.com/support-contact-information
Support Web Site	https://softwaresupport.softwaregrp.com/
ArcSight Product Documentation	https://community.softwaregrp.com/t5/ArcSight-Product-Documentation/ctp/productdocs

Contents

SmartConnector for Microsoft Exchange Mailbox Store Windows Event Log Native	4
Product Overview	5
Enable Mailbox Store	6
Access the Audited Information	7
Change Default Properties	8
Exclude Service Accounts	9
Connector Installation and Configuration	9
Collect Events from the Event Log	9
Device Event Mapping to ArcSight Fields	11
General Exchange Events Mappings	11
Exchange Events 1016 Mappings	11
Send Documentation Feedback	12

SmartConnector for Microsoft Exchange Mailbox Store Windows Event Log Native

This guide provides information about the SmartConnector for Microsoft Exchange Mailbox Store Windows Event Log Native and its event mappings to ArcSight data fields. This connector supports , Windows Server 2008 R2.

With Exchange Server 2010, Microsoft has added new native audit capabilities, such that the audit logs are maintained in the mailboxes themselves. Being able to get those audit logs is very difficult due to the potential number of mailboxes and the vast amount of data they may contain, and Windows Event Log integration for this will not work.

Therefore, for Microsoft Exchange 2010 and later versions, use the SmartConnector for Microsoft Exchange PowerShell, which retrieves Microsoft Exchange Server 2010 SP1 and 2013 Mailbox Audit logs remotely, and lets you specify the mailboxes to be audited.

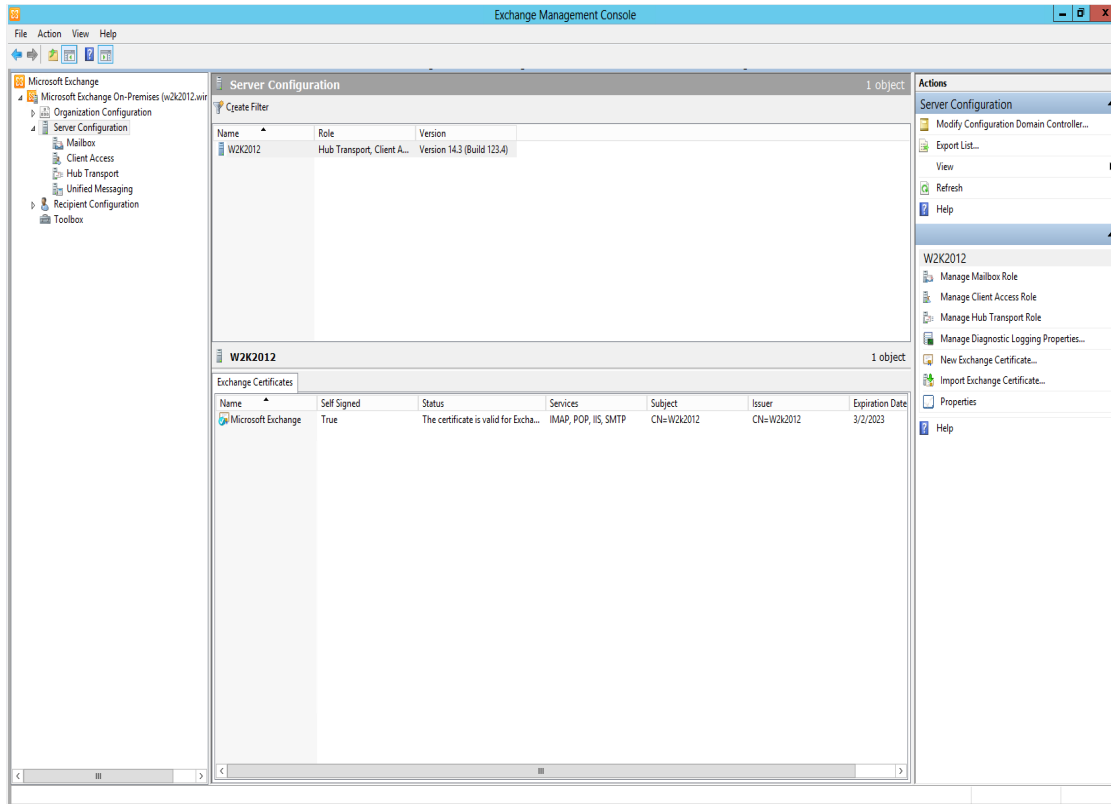
The *SmartConnector for Microsoft Windows Event Log – Native Windows Security Event Mappings* document provides the main mappings for the Windows Event Log SmartConnectors; the field mappings listed in this document are specifically for the SmartConnector for Microsoft Exchange Mailbox Store Windows Event Log Native.

Product Overview

Microsoft Exchange Server is the server side of a client-server, collaborative application product developed by Microsoft. It is part of Microsoft's line of server products, used by enterprises using Microsoft infrastructure solutions. Microsoft Exchange 2010 Service Pack 1 is supported by this SmartConnector.

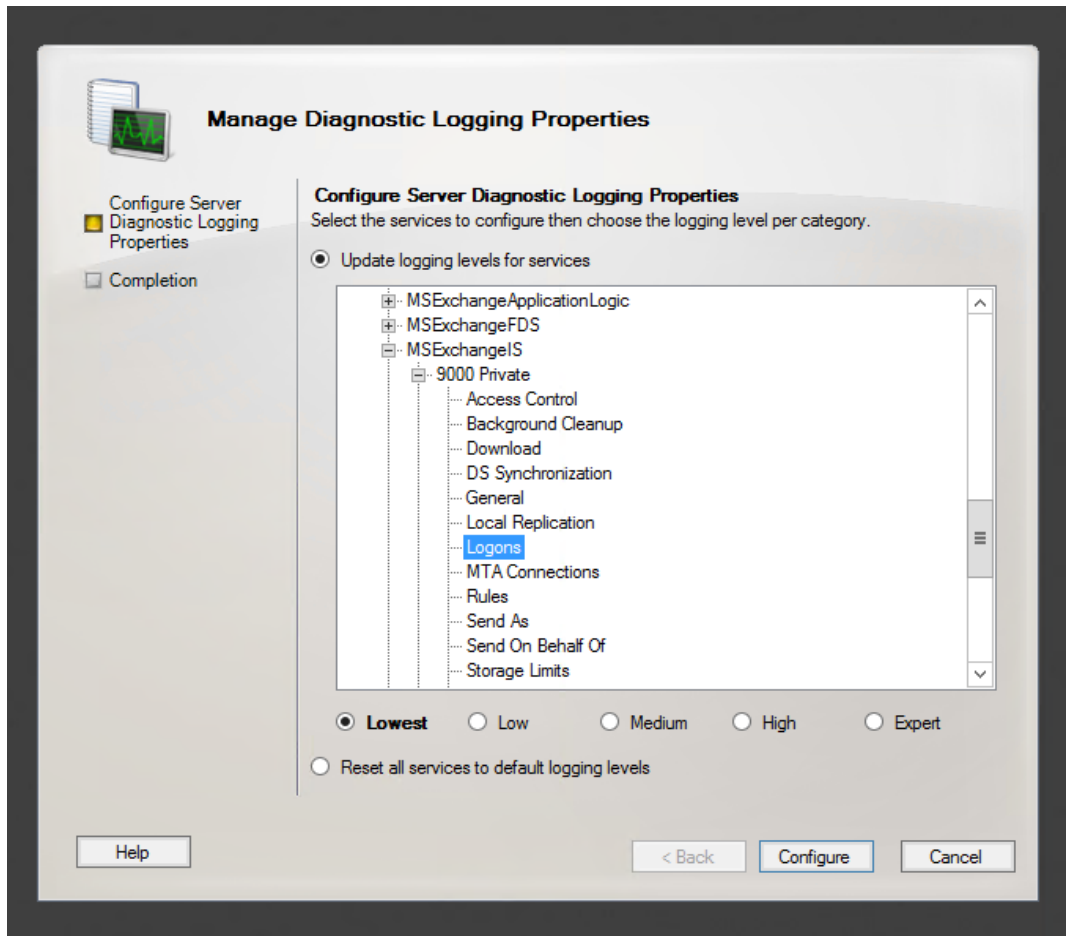
Enable Mailbox Store

To access the configuration area for mailbox store auditing, use the Exchange Management Console. The following figure shows the new **Manage Diagnostic Logging Properties** menu option.



To configure mailbox store auditing on a particular mailbox server:

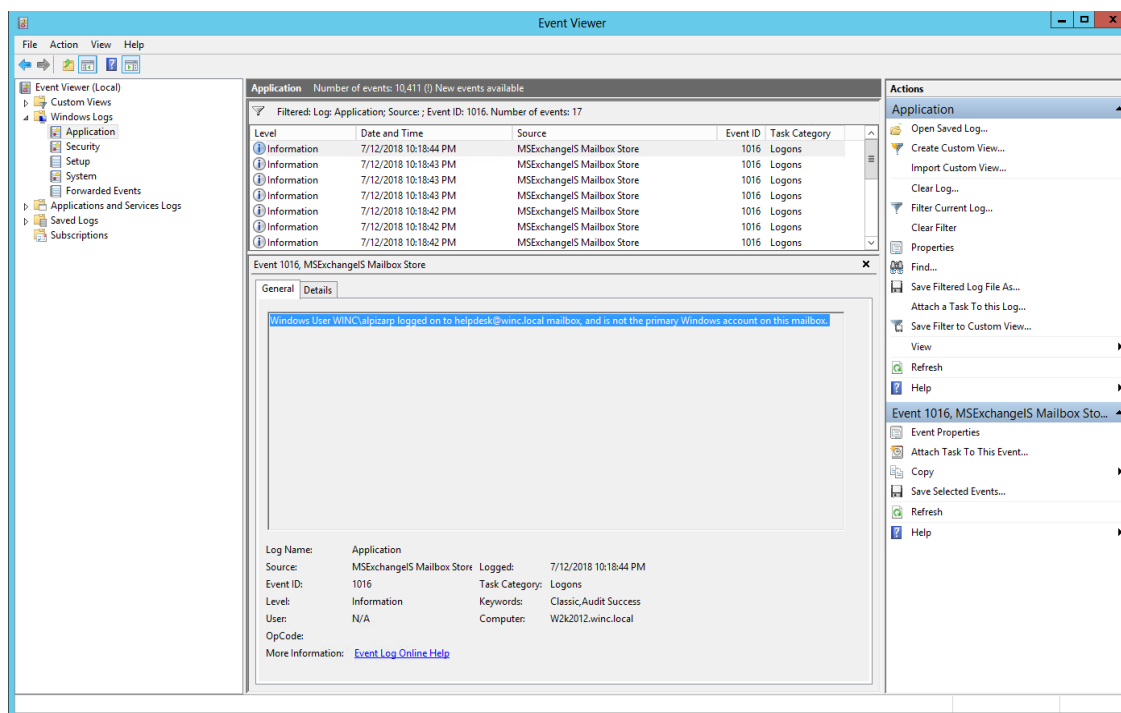
1. Select that server in the Exchange Management Console and then select the **Manage Diagnostics Logging Properties** menu option from the action pane; the **Manage Diagnostics Logging Properties** window is displayed.



2. In this window, expand the **MSExchangeIS** category and then expand the **9000 Private** category.
3. Under the **MSExchangeIS\9000 Private** category, configure MailBox Store for Event 1016 by selecting **Logons**.
4. When you have finished configuring the mailbox store levels, click **Configure**.
5. To view events, go to Windows Event Viewer, 1016 events are saved in Application Windows Events.

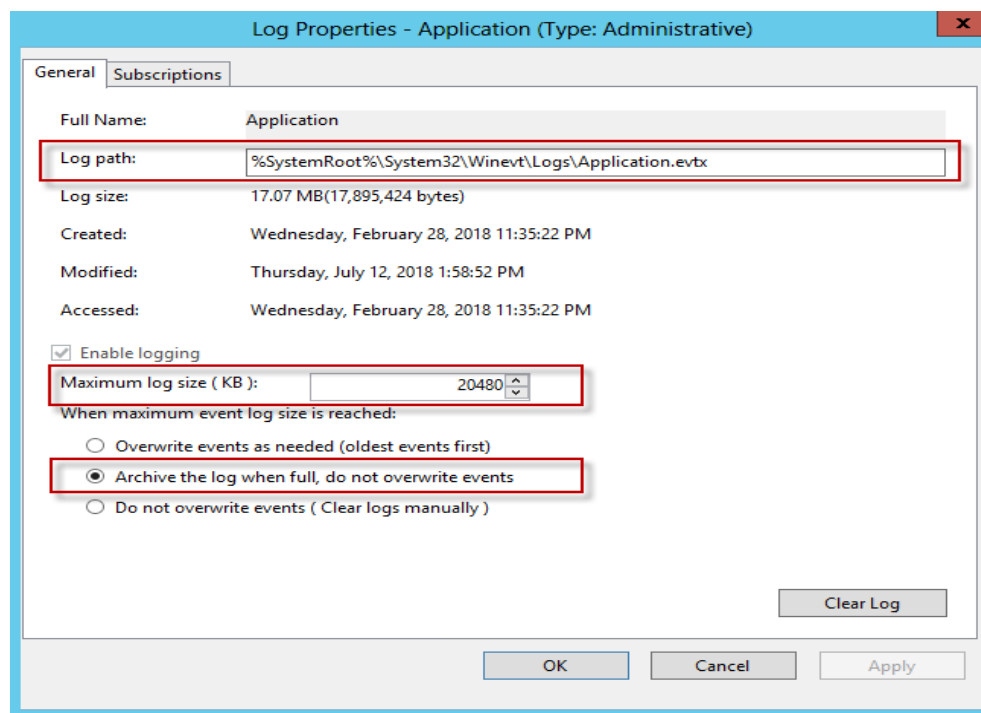
Access the Audited Information

Now that MailBox Store is enabled, you can view the information logged by navigating to **Event Viewer** -> **Windows Logs**-> **Application**.



Change Default Properties

By default, the location for storing the logs is in the Exchange Server installation directory (Drive\Program Files\Microsoft\Exchange Server\Logging\AuditLogs). The default behavior is to archive the logs when it gets full; therefore, the location of the logs should be changed to a drive that has enough free space. You can do this by selecting the properties for the Exchange MailBox Store log and changing the options.



Exclude Service Accounts

To keep from filling up your mailbox store log with events for service accounts that have full access to the mailboxes, you can run the following command to exclude service accounts from being audited.

```
Get-MailboxDatabase -identity "server\sg\dbname" | Add-ADPermission -User
"service account" -ExtendedRights ms-Exch-Store-Bypass-Access-Mailbox
Store-InheritanceType All
```

Connector Installation and Configuration

Follow the installation and configuration procedures in the *SmartConnector Configuration Guide for Microsoft Windows Event Log – Native*, selecting **Microsoft Windows Event Log – Native** as the connector to be configured.

Collect Events from the Event Log

To set up the connector to collect application events:

1. From \$ARCSIGHT_HOME\current\bin, double-click **runagentsetup.bat**.
2. Select **Modify Connector** on the window displayed and click **Next**.
3. Select **Modify connector parameters** and click **Next**.
4. Select Navigate to the **Modify table parameters** window.

5. To collect events from an application log, modify the **Application** field by selecting **true** for event collection in the Application field.

You can specify multiple Custom Log Names in a comma-separated format; for example:

Oracle Audit, Exchange Auditing

6. Click **Next** to update the parameters; when you receive the successful update message, click **Next**.
7. Select **Exit** and click **Next** to exit the configuration wizard.
8. Restart the connector for your changes to take effect.

For more information about application event support, see the *SmartConnector Configuration Guide for Microsoft Windows Event Log – Native*.

Device Event Mapping to ArcSight Fields

The following section lists the mappings of ArcSight data fields to the device's specific event definitions. See *ArcSight 101* for more information about the ArcSight data fields.

General Exchange Events Mappings

ArcSight ESM Field	Device-Specific Field
Device Vendor	Microsoft
Device Product	Exchange Server

Exchange Events 1016 Mappings

ArcSight ESM Field	Device-Specific Field
Device Customer String3	%2 (Mail Box)
Source Nt Domain	%1
Source User Name	%1

Send Documentation Feedback

If you have comments about this document, you can [contact the documentation team](#) by email. If an email client is configured on this computer, click the link above and an email window opens with the following information in the subject line:

Feedback on Supplemental Configuration Guide (Connectors)

Just add your feedback to the email and click send.

If no email client is available, copy the information above to a new message in a web mail client, and send your feedback to arc-doc@hpe.com.

We appreciate your feedback!