

Integrate Microsoft ActiveSync with EventTracker

Abstract

Exchange ActiveSync enables mobile phone users to access their e-mail, calendar, contacts, and tasks allowing them to continue to have access to this information while they are working offline. This guide provides instructions to monitor mobile devices with ActiveSync using EventTracker.

Scope

The configurations detailed in this guide are consistent with **EventTracker** version 7.X and later, and Exchange Server 2007/2010.

Audience

Exchange Server administrators who wish to monitor ActiveSync usage using EventTracker Manager.

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Introduction

Microsoft Exchange ActiveSync is a synchronization protocol that enables users of mobile devices to access email, calendar, contacts, and tasks from their organization's Microsoft Exchange server.

With EventTracker's built-in knowledge packs, administrators can monitor all servers running Microsoft Exchange ActiveSync from a single view, and generate reports on the following:

- Exchange ActiveSync activity on a user-by-user basis.
- ActiveSync usage data based on user agent information.
- Mailbox server's usage data based on mobile device clients.
- Exchange ActiveSync clients that are currently in compliance with established ActiveSync policies.
- Spot network usage trends.

Integrate Microsoft ActiveSync to EventTracker

Prerequisites

- **Exchange Server 2007/2010** must be installed.
- **Exchange ActiveSync** must be enabled.
- PowerShell script execution must be enabled and execution policy must be set to **bypass or unrestricted**.
- Administrator access to **Microsoft Exchange**.
- **IIS 7.0 and later** must be installed.
- **IIS logging** must be enabled.

Verify IIS logging

For generating Active Sync reports, ensure IIS logging is enabled on the Exchange server.

1. Start **Internet Information Services (IIS) Manager**.
2. Navigate to **ServerName>Sites** to view configured websites.
3. Select the Exchange's **Web Site** for which logging is required to be enabled.

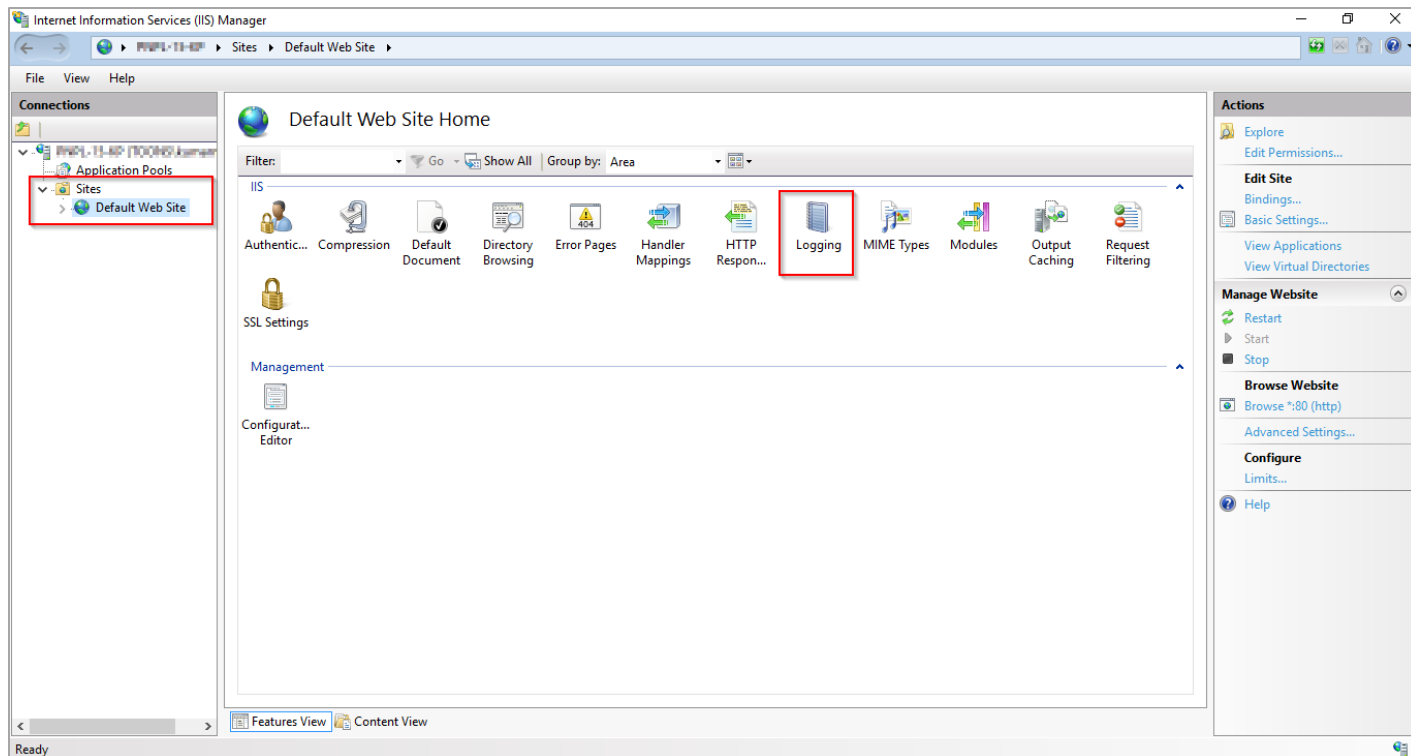


Figure 1

4. Click to select the **Logging** option.

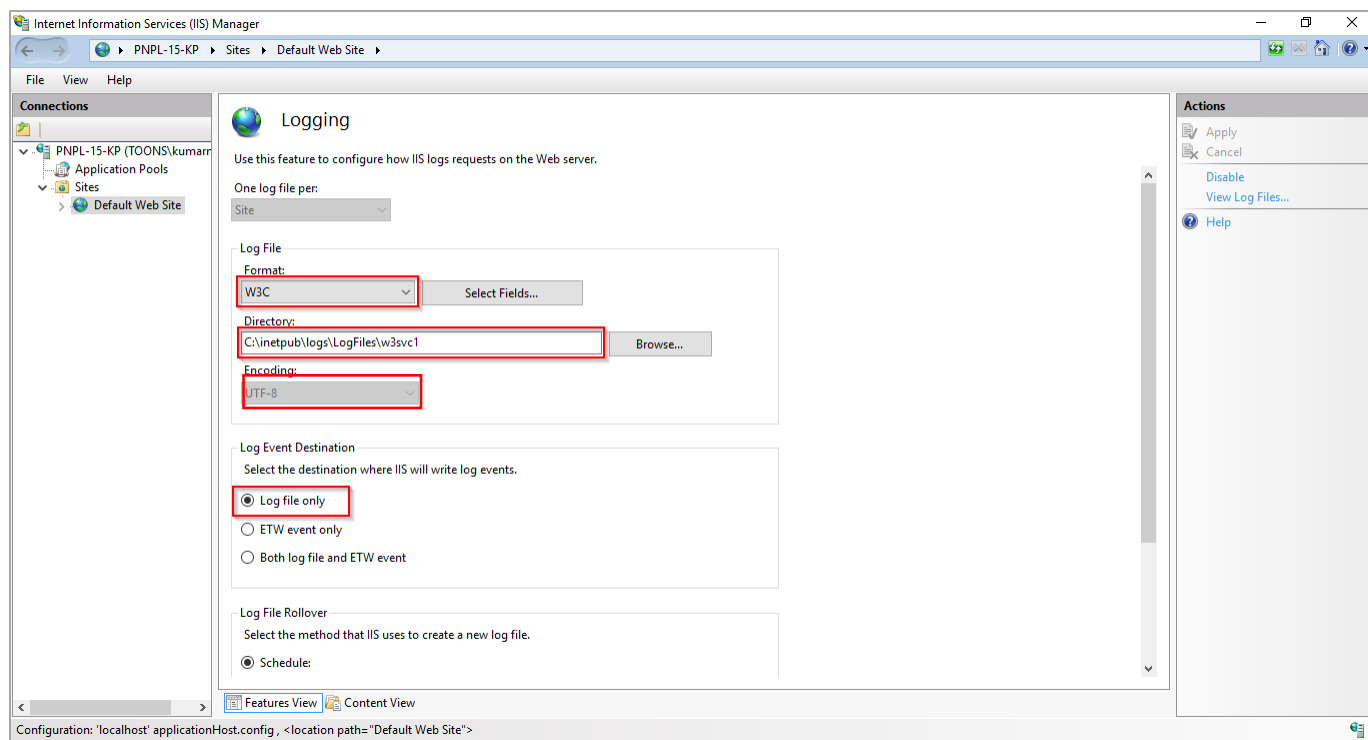


Figure 2

5. Verify following settings in **Logging** pane:

- Under **Log File** section, **W3C** is selected from the **Log File Format** drop down.
- Under **Log File** section, take a note of IIS log file directory. By default, log file path is **“C:\inetpub\logs\LogFiles\W3SVCwebsiteid”**.
- Under **Log Event Destination** section, **Log file only** radio button is selected.
- Under **Log File Rollover** section, **Daily schedule** is selected.

6. If any changes were made, click **Apply** under **Actions** pane.

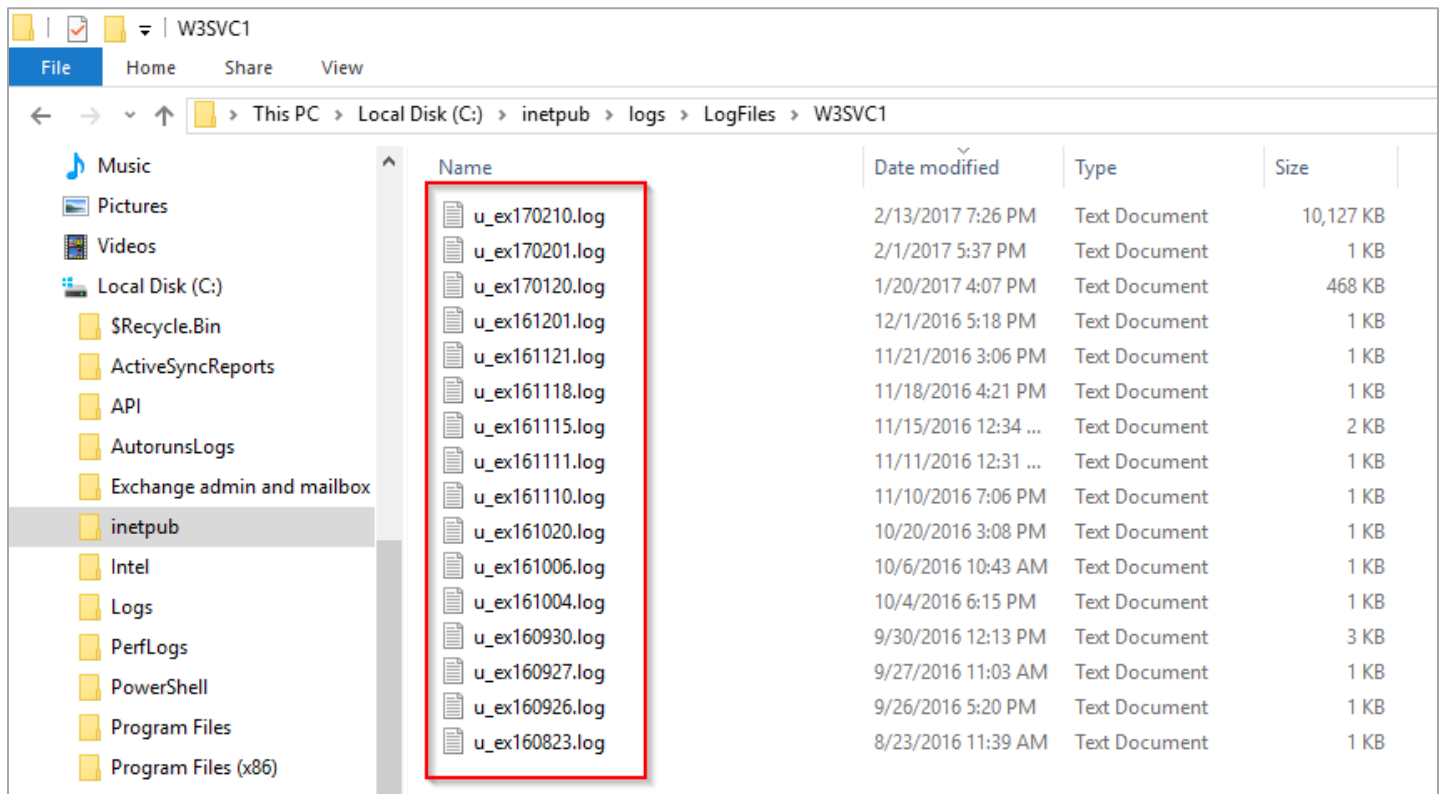


Figure 3

7. Navigate to IIS log file directory mentioned above to view generated log files.

Import Scheduled Task

1. Request ActiveSync script pack from [EventTracker Support](#).
2. Download and extract the files provided at a preferred path.
3. Open task scheduler by navigating to **Control Panel -> System and Security -> Administrative Tools -> Task Scheduler**.

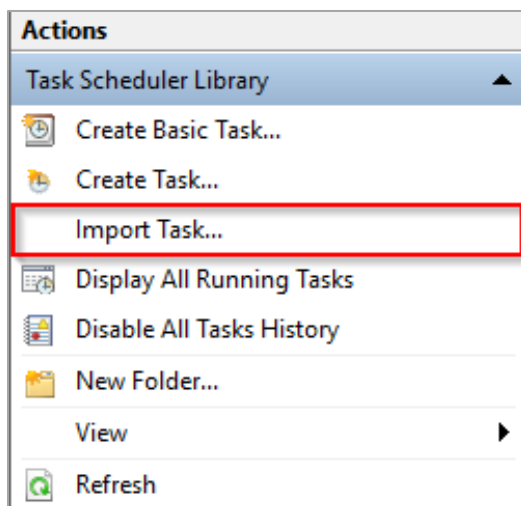


Figure 4

4. In Task scheduler windows, click on **Import Task** in **Actions** pane.
5. Browse and select the xml file named **ActiveSync Reporting.xml** from earlier mentioned extraction location.

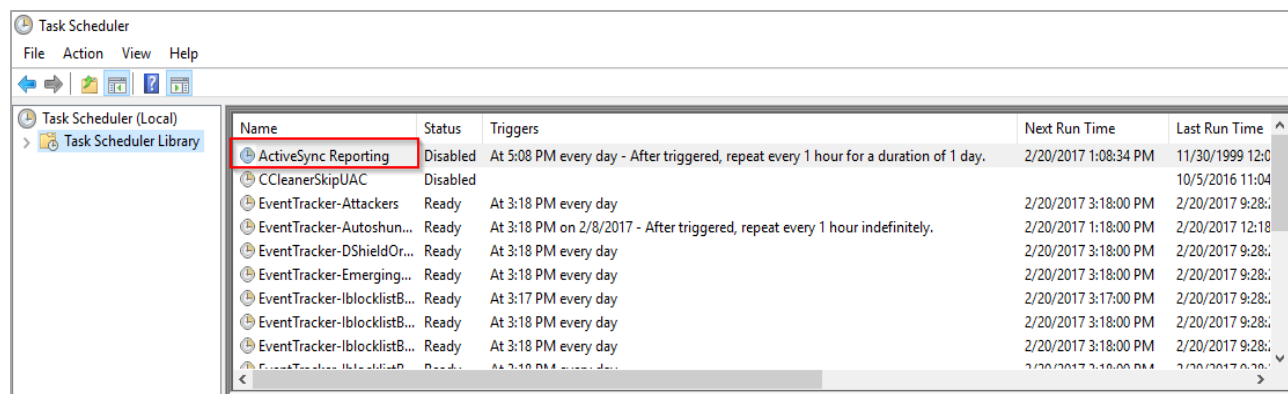


Figure 5

6. Double-click to edit the imported task named **ActiveSync Reporting**.

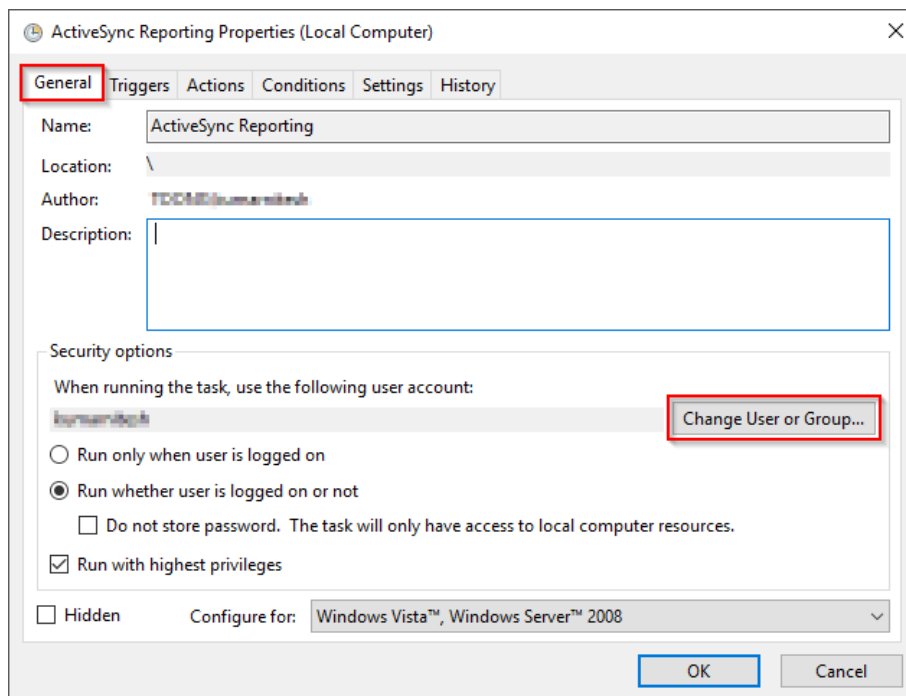


Figure 6

7. Click **General** tab and change the user account settings in **Security options** section. Please ensure concerned user has exchange admin privileges.

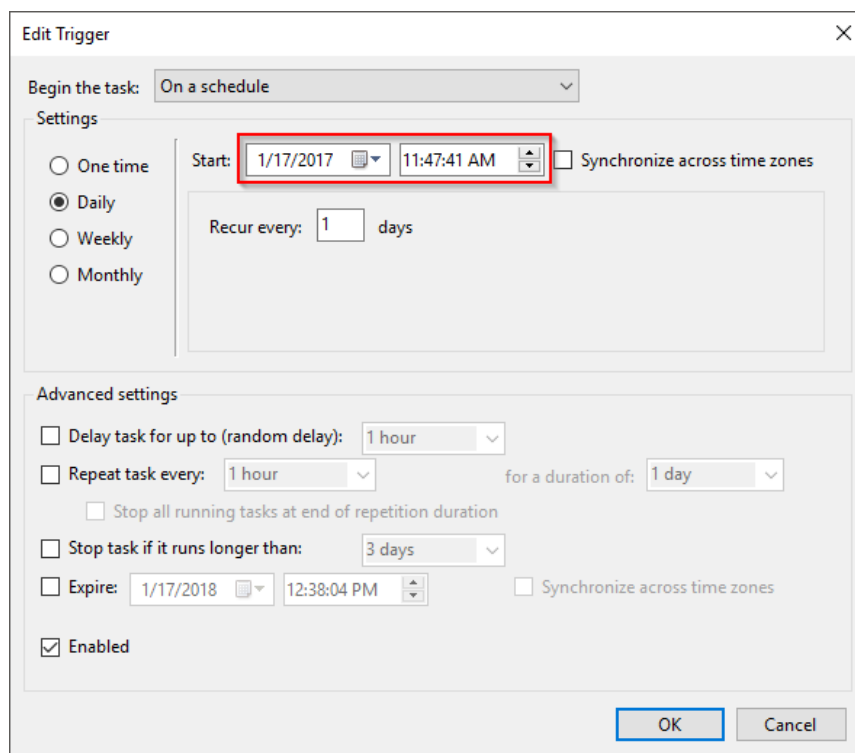


Figure 7

8. Click **Triggers** tab and select **Edit**. Please select an appropriate time for script execution.

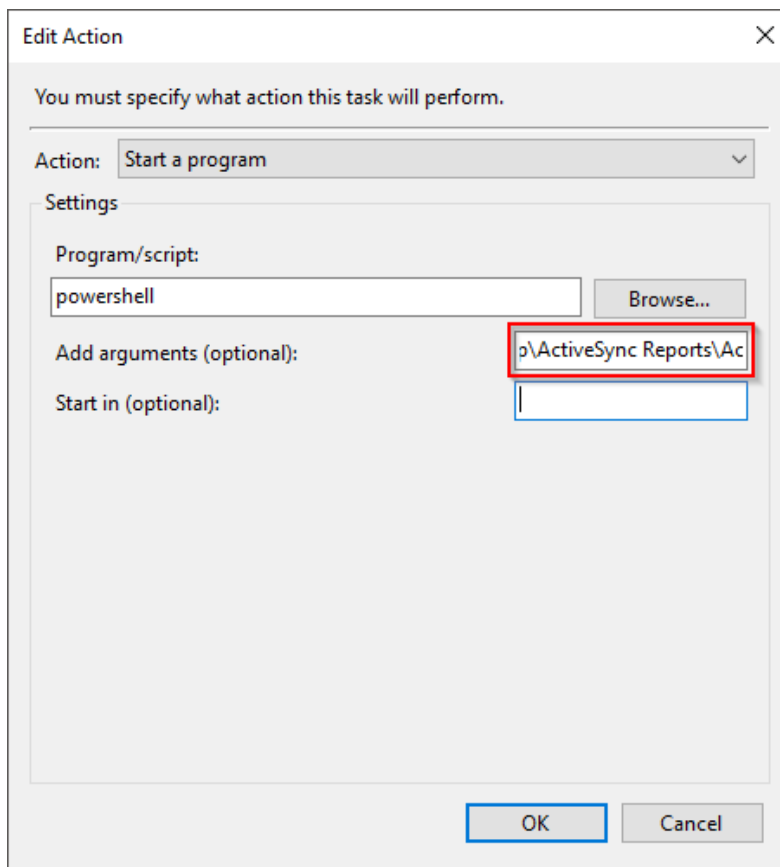


Figure 8

9. Click **Actions** tab and select **Edit**. Alter expression provided in **Add parameters** as shown below.

-file "C:\Exchange ActiveSync\ ActiveSync Report Exporter.ps1"

■ Script Location

10. Click **OK** to apply the changes.
11. When the script is executed, reports named **Hourly, PolicyCompliance, Servers, StatusCodes, UserAgents and Users** will be generated in CSV format at the script location in **ActiveSyncReports** folder.

EventTracker Agent LFM Configuration

1. Logon to Exchange server.
2. Navigate to <%EventTracker install directory%>\Prism Microsystems\EventTracker\Agent\.

Name	Date modified	Type	Size
ET82UA16-010-log.txt	9/20/2016 3:01 PM	TXT File	1 KB
ET82UA16-011-log.txt	9/20/2016 3:03 PM	TXT File	1 KB
ET82UA16-012-log.txt	9/20/2016 3:03 PM	TXT File	2 KB
ET82UA16-015-log.txt	9/20/2016 3:06 PM	TXT File	1 KB
ET82UA16-018-log.txt	9/20/2016 3:07 PM	TXT File	2 KB
ET82UA16-020-log.txt	9/20/2016 3:08 PM	TXT File	2 KB
ET82UA16-022-log.txt	9/20/2016 3:09 PM	TXT File	2 KB
etaconfig.exe	9/19/2016 6:59 AM	Application	2,301 KB
etaconfig.exe.manifest	3/1/2016 12:48 AM	MANIFEST File	3 KB
etaconfig.ini	1/17/2017 12:09 PM	Configuration sett...	63 KB
EtaDataDispatcher.exe	9/6/2016 4:04 PM	Application	793 KB
etagent.dll	9/17/2016 1:48 AM	Application extens...	1,424 KB
etagent.exe	9/8/2016 6:43 AM	Application	447 KB

Figure 9

3. Right-click **etaconfig.exe** and select **run as administrator**.

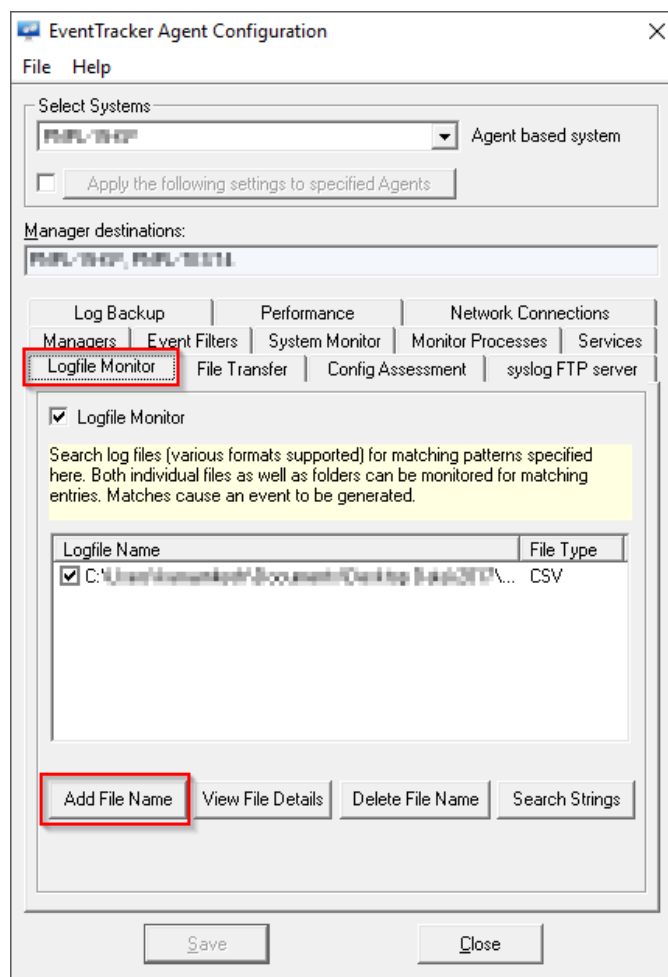


Figure 10

4. Select **Logfile Monitor** tab and click **Add File Name**.

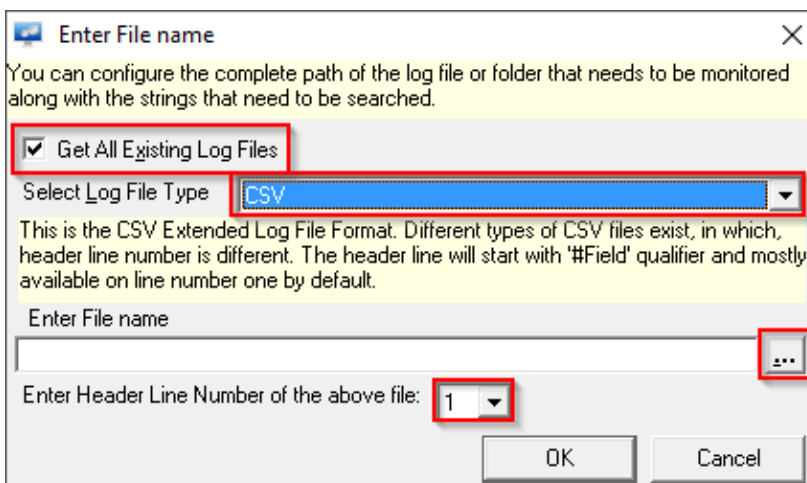


Figure 11

5. Select **Get All Existing Log Files** checkbox.
6. Select **CSV** from **Log File Type** drop-down.

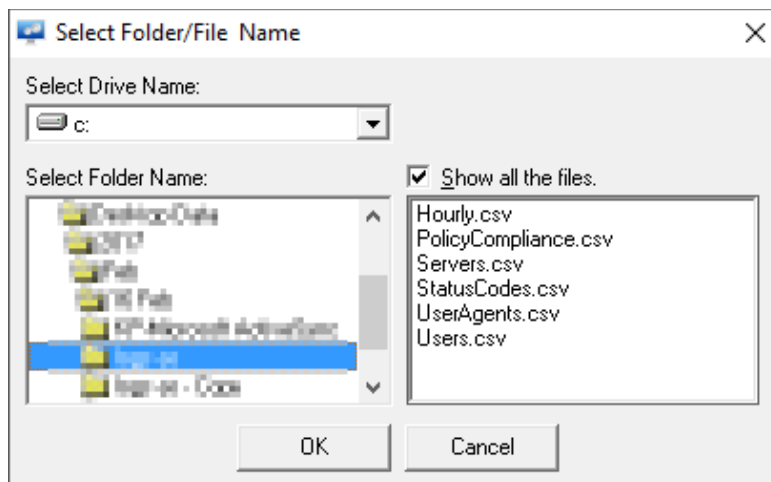


Figure 12

7. Click **Browse** and browse to the earlier selected log file path. Select **Show all the files** checkbox.

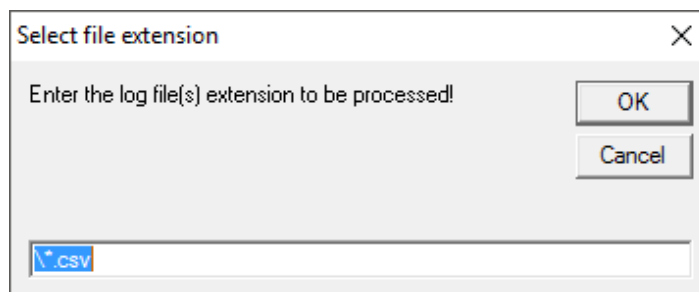


Figure 13

- Type `\.*.csv` as file extension and click OK.

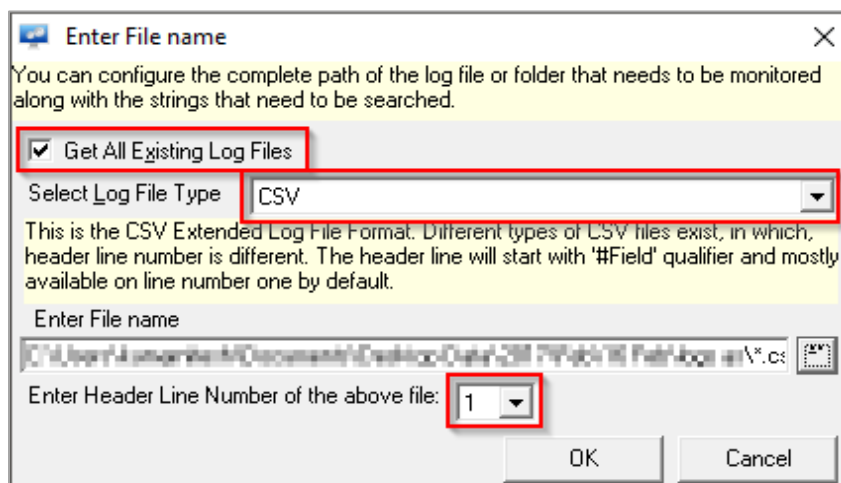


Figure 14

- Select **1** from **Header Line Number** drop-down and click **OK**.

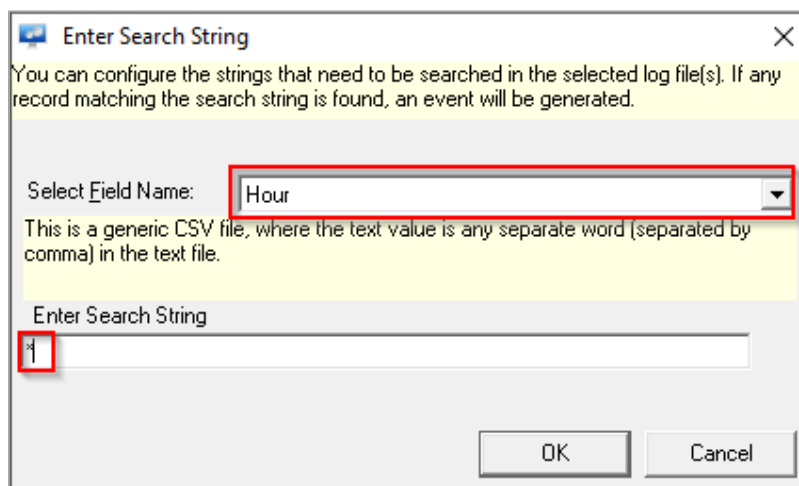


Figure 15

- Select **Hour** from **Field Name** drop-down.
- Type * (asterisk) as **Search String**.
- Click **Ok** and **Save**.

Verify Logs on EventTracker Manager

- Logon to EventTracker manager with appropriate credentials.

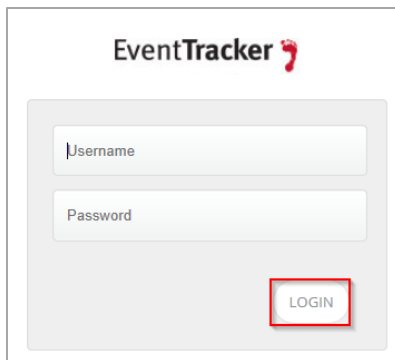


Figure 16

2. Click **Search** from EventTracker homepage ribbon.

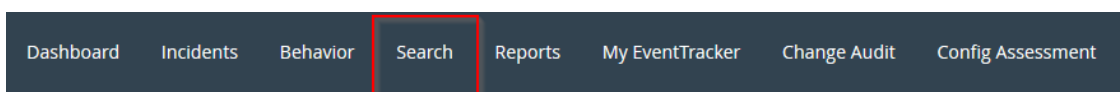


Figure 17

3. In log search window, initiate search with following criteria.

- Select **File Transfer** checkbox and choose appropriate systems.
- Select appropriate time duration.
- In Custom Criteria, **Event Id** contains **3230**.
- In Custom Criteria, **Source** contains **EventTracker**.

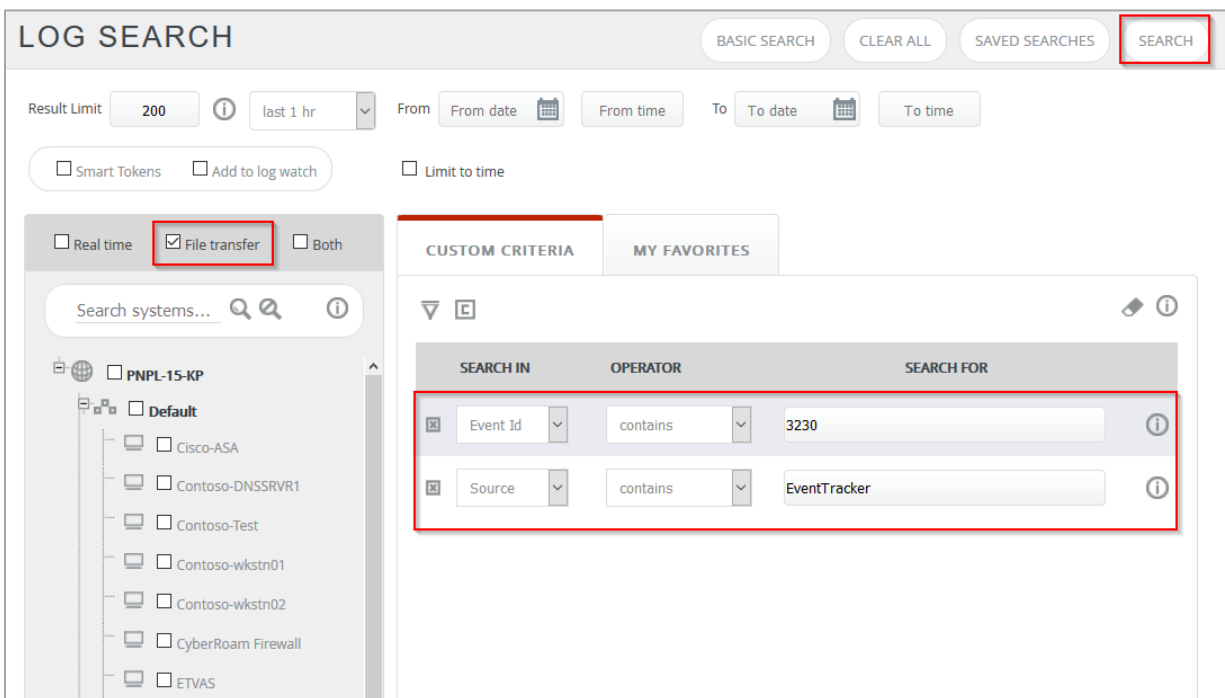


Figure 18

LOG TIME	EVENT ID	SITE / COMPUTER	USER	DOMAIN	SOURCE
2/20/2017 1:00:18 PM	3230	IPMFI-10-807V-1000-001	SYSTEM	NT AUTHORITY	EventTracker

Event Type: Information
Log Type: System
Category Id: 2

Description:
ENTRY:
Day: Sunday
Hour: 3
Unique Devices: 0
Sync Related Requests: 0
FILE:C:\Users\user\OneDrive\OneDrive\OneDrive Data\2017\Feb\18 Feb\logs.es\Hourly.csv
TYPE:CSV
FIELD: *

Figure 19

4. Consumed logs will be displayed as shown below.

EventTracker KP for Microsoft ActiveSync

Once ActiveSync logs are consumed in EventTracker, following Knowledge Packs are available to support ActiveSync monitoring:

Flex Reports

- Microsoft ActiveSync-Policy Compliance Statistics:** This report supplies the number of Exchange ActiveSync clients that are currently in compliance with established ActiveSync policies. Although this report doesn't provide detailed data, it can help target deficiencies. For example, the report won't tell you why a client is not compliant with the ActiveSync policy, but it will tell you how many clients are compliant, how many are not compliant, how many are partially compliant and the number of clients in an unknown state.

Sample Report

LogTime	Computer	Compliance Type	Device Count	Device Ratio
02/15/2017 05:38:16 PM	mail.contoso.com	Unknown	25	5
02/15/2017 05:38:16 PM	mail.contoso.com	Compliant	320	60
02/15/2017 05:38:16 PM	mail.contoso.com	Partially Compliant	128	30
02/15/2017 05:38:16 PM	mail.contoso.com	Not Compliant	30	5

Figure 20

Sample Log

LOG TIME	EVENT ID	SITE / COMPUTER	USER	DOMAIN	SOURCE
2/15/2017 5:38:16 PM	3230	mail.contoso.com	SYSTEM	NT AUTHORITY	EventTracker
Event Type: Information Log Type: System Category Id: 2		Description: ENTRY: Compliance Type: Unknown Total: 25 Ratio: 5 FILE:C:\Users\user\Documents\OutlookApp\Compat\PolicyCompliance.csv TYPE:CSV FIELD:*			

Figure 21

- Microsoft ActiveSync-Server Statistics:** This report essentially tells you which mailbox servers are used most frequently by mobile device clients. It provides total number of synchronization requests processed and total bytes sent and received by CAS server.

Sample Report

LogTime	Server Name	Host Name	Host Address	Average Unique Device Count	Hit Count	Total Bytes Sent	Total Bytes Received
02/15/2017 05:38:16 PM	mail.contoso.com	Support-34	192.168.1.25	9	754	41524	145214
02/15/2017 05:38:16 PM	mail.contoso.com	Wkst-3	192.168.1.29	13	214	15236	98564
02/16/2017 04:11:09 PM	mail.contoso.com	Mkt-11	192.168.1.3	1	123	34560	31260
02/16/2017 04:11:09 PM	mail.contoso.com	Mgr-12	192.168.1.56	3	345	98765	95665

Figure 22

Sample Log

LOG TIME	EVENT ID	SITE / COMPUTER	USER	DOMAIN	SOURCE
2/15/2017 5:38:16 PM	3230	MAIL34	SYSTEM	NT AUTHORITY	EventTracker

Event Type: Information
Log Type: System
Category Id: 2

Description:
 ENTRY:
 Server: mail34.com
 Host: MAIL34
 IP Address: 192.168.1.25
 Average Unique Devices: 9
 Hits: 754
 Total Bytes Sent: 41524
 Total Bytes Received: 145214
 FILE:C:\Users\administrator\Documents\loggers - Copy\Servers.csv
 TYPE:CSV
 FIELD:*

Figure 23

- Microsoft ActiveSync-HTTP Status Statistics:** This report enlists HTTP response codes and their respective hit counts. An administrator can use this report to troubleshoot failed requests and monitor performance of ActiveSync. More information about status codes is available [here](#).

Sample Report

LogTime	Computer	HTTP Status	HTTP SubStatus	Hit Count	Hit Ratio
02/15/2017 05:38:16 PM	mail.contoso.com	403	3	45	2
02/15/2017 05:38:16 PM	mail.contoso.com	401	1	142	9
02/15/2017 05:38:16 PM	mail.contoso.com	101	0	1000	89

Figure 24

Sample Log

LOG TIME	EVENT ID	SITE / COMPUTER	USER	DOMAIN	SOURCE
2/15/2017 5:38:16 PM	3230	mail.contoso.com	SYSTEM	NT AUTHORITY	EventTracker

Event Type: Information
Log Type: System
Category Id: 2

Description:
 ENTRY:
Status: 403
SubStatus: 3
 Hits: 45
 Ratio: 2
 FILE: C:\Users\user\Documents\log-a-Copy\StatusCodes.csv
 TYPE: CSV
 FIELD: *

Figure 25

- Microsoft ActiveSync-User Agent Statistics:** This report generates ActiveSync usage data based on user agent information. The term “user agent” refers to the operating system and builds number, the mobile device used. This report details which mobile device operating systems were in use, how many mobile devices using a particular user agent connected on a given day and how many hits each user agent generated.

Sample Report

LogTime	Computer	User Agent Type	Hit Count	Unique Device Count
02/15/2017 05:38:16 PM	mail.contoso.com	Apple- iPhone32w/901.234	9	3
02/15/2017 05:38:16 PM	mail.contoso.com	Samsung-GT-45677a/100.231	2	1
02/15/2017 05:38:16 PM	mail.contoso.com	Apple-MacBook78w/412.785	4	2
02/15/2017 05:38:16 PM	mail.contoso.com	Samsung-ZQ-48754a/785.256	1	1

Figure 26

Sample Log

LOG TIME	EVENT ID	SITE / COMPUTER	USER	DOMAIN	SOURCE
2/15/2017 5:38:16 PM	3230	MAIL.MAIL / EXCH01	SYSTEM	NT AUTHORITY	EventTracker
Event Type: Information Log Type: System Category Id: 2		Description: ENTRY: User Agent: Apple-iPhone32w/901.234 Hits: 23 Unique Devices: 5 FILE:C:\Users\administrator\Desktop\log...-Copy\UserAgents.csv TYPE:CSV FIELD:*			

Figure 27

- Microsoft ActiveSync-User Activity Statistics:** This report lets you analyze Exchange ActiveSync activity on a user-by-user basis. For example, you can see what type of mobile device individuals use to access Exchange Server. You can also see the number of items each user sends and receives.

Sample Report

LogTime	Computer	User Name	Device ID	Device Type	Items Sent	Items Received	Hit Count	Total Bytes Sent	Total Bytes Received	Total Emails Sent	Total Emails Received	Total Calendar Sent	Total Calendar Received	Total Contacts Sent	Total Contacts Received	Total Tasks Sent	Total Tasks Received	Total Notes Sent
02/15/2017 05:38:16 PM	mail.contoso.com	john.t@contoso.com	Apple45612-56	iPhone	2	9	7	128	120	1	0	0	1	0	0	1	0	0
02/15/2017 05:38:16 PM	mail.contoso.com	mary.j@contoso.com	Android678934-9	android phone	4	6	2	385	254	0	2	0	0	6	0	0	2	0
02/15/2017 05:38:16 PM	mail.contoso.com	kevin.l@contoso.com	AppleMAC78902-56	MACbook	1	3	1	178	213	1	0	0	1	0	0	1	0	0
02/15/2017 05:38:16 PM	mail.contoso.com	justin.l@contoso.com	Android888934-8	android phone	1	2	2	741	442	0	2	0	0	6	0	0	2	0
02/15/2017 05:38:16 PM	mail.contoso.com	*** Total ***			8	20	12	1412	1029	2	4	0	2	6	0	2	4	0

Figure 28

Sample Log

LOG TIME	EVENT ID	SITE / COMPUTER	USER	DOMAIN	SOURCE
2/15/2017 5:38:16 PM	3230	MAIL.TLDP / [REDACTED]	SYSTEM	NT AUTHORITY	EventTracker

Event Type: Information
Log Type: System
Category Id: 2

Description:
 ENTRY:
 User Name: [REDACTED]
 Device ID: Apple45612-56
 Device Type: iPhone
 Items Sent: 2
 Items Received: 9
 Hits: 7
 Total Bytes Sent: 128
 Total Bytes Received: 120
 Total Emails Sent: 1
 Total Emails Received: 0
 Total Calendar Sent: 0

Figure 29

- Microsoft ActiveSync-Hourly Sync Statistics:** This report assists in spotting network usage trends. You can find out the number of unique mobile devices that synchronized with your Exchange server within a given hour. Because this report tracks activity throughout the day, it is easy to discover peak usage periods.

Sample Report

LogTime	Computer	Day	Hour	Unique Device Count	Sync Request Count
02/15/2017 05:38:16 PM	mail.contoso.com	Monday	11	20	115
02/15/2017 05:38:16 PM	mail.contoso.com	Monday	0	15	93
02/15/2017 05:38:16 PM	mail.contoso.com	Monday	21	40	135
02/15/2017 05:38:16 PM	mail.contoso.com	Monday	20	38	133
02/15/2017 05:38:16 PM	mail.contoso.com	Monday	19	36	131
02/15/2017 05:38:16 PM	mail.contoso.com	Monday	18	34	129
02/15/2017 05:38:16 PM	mail.contoso.com	Monday	17	32	127

Figure 30

Sample Log

LOG TIME	EVENT ID	SITE / COMPUTER	USER	DOMAIN	SOURCE
2/15/2017 5:38:16 PM	3230	IP: 192.168.1.100	SYSTEM	NT AUTHORITY	EventTracker
Event Type: Information Log Type: System Category Id: 2		Description: ENTRY: Day: Tuesday Hour: 18 Unique Devices: 82 Sync Related Requests: 177 FILE: C:\Users\user\AppData\Local\Temp\log... Copy\Hourly.csv TYPE: CSV FIELD: *			

Figure 31

Import EventTracker KP for Microsoft ActiveSync

1. Launch **EventTracker Control Panel**.
2. Double click **Export Import Utility**.

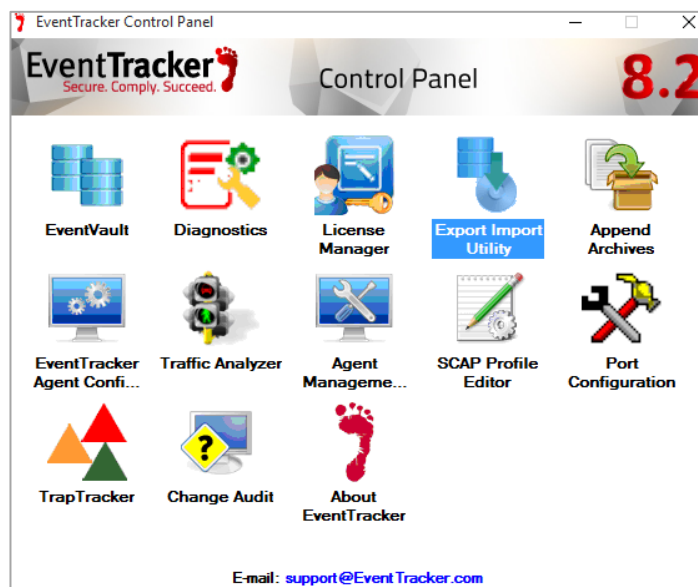


Figure 32

3. Import knowledge pack items in the following sequence:
 - Parsing Rules
 - Flex Reports

Parsing Rules

1. Select **Import** tab, choose **Token value** from **Options** dialog box.
2. Click the browse button in Location section.

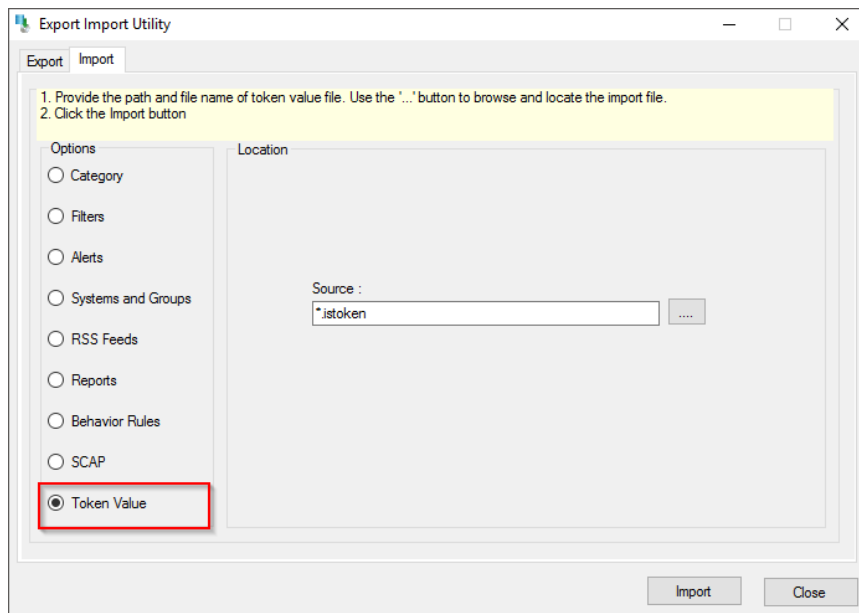


Figure 33

3. Locate the **ActiveSync Parsing Rules.istoken** file, and then click the **Open** button.
4. To import tokens, click the **Import** button.

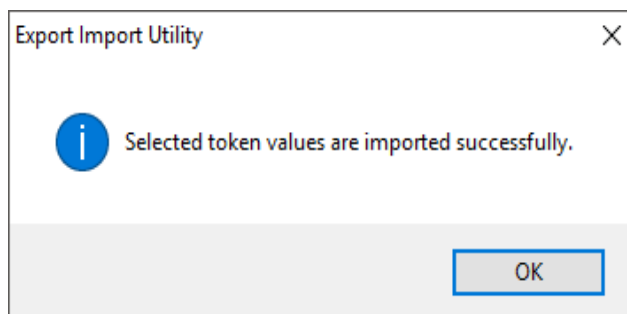


Figure 34

5. Click **OK**, and then click the **Close** button.

Flex Reports

1. Select **Import** tab, choose **Reports** from **Options** dialog box.

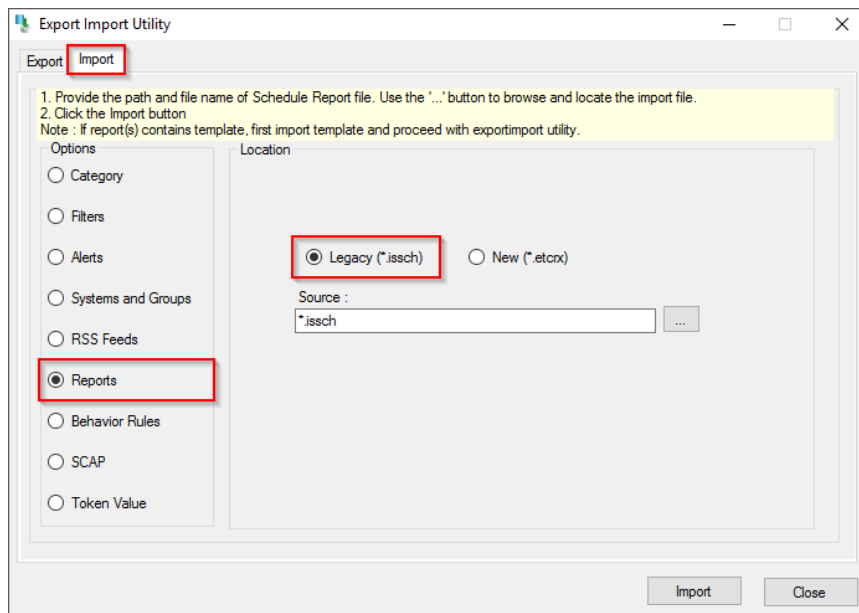



Figure 35

2. Select Legacy (*.issch) from location dialog box, click the 'browse'  button.
3. Locate **ActiveSync Reports.issch** file, and then click the **Open** button.
4. To import scheduled reports from selected file, click the **Import** button.

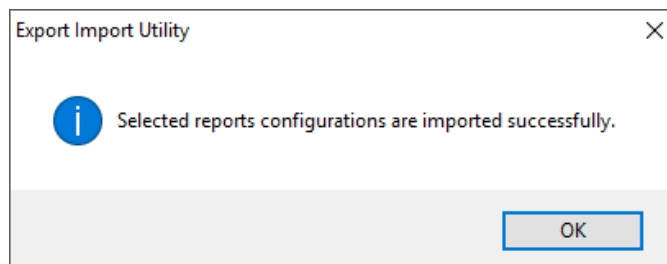


Figure 36

5. Click **OK** and **Close**.

Verify EventTracker KP for Microsoft ActiveSync

Parsing Rules

1. Logon to **EventTracker Enterprise**.
2. Click the **Admin** dropdown, and then click **Parsing rule**.
3. Scroll down and select **Microsoft ActiveSync** from **Groups**. Imported Token-Values are shown in right pane.

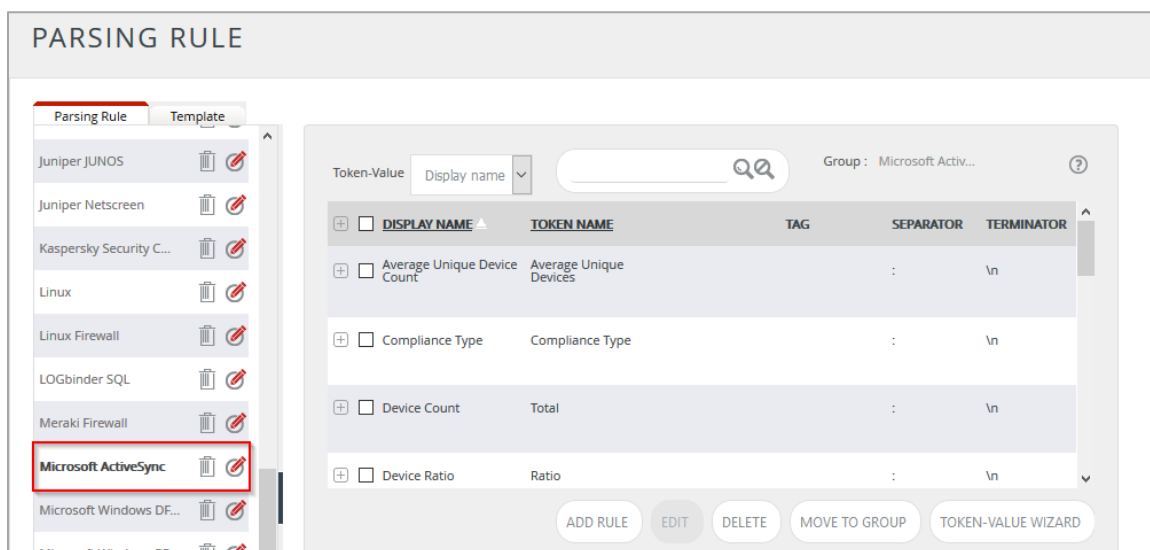


Figure 37

Flex Reports

1. Logon to **EventTracker Enterprise**.

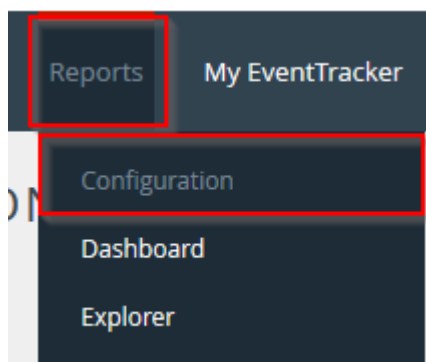


Figure 38

2. Navigate to **Reports->Configuration**.

3. Select **Defined** in report type.
4. In **Report Configuration** page, select **Microsoft ActiveSync** from **Report Groups**.

TITLE	CREATED ON	MODIFIED ON
Microsoft ActiveSync-Policy Compliance Statistics	2/16/2017 4:12:37 PM	1/23/2017 11:57:02 AM
Microsoft ActiveSync-Server Statistics	1/23/2017 11:57:02 AM	1/23/2017 11:57:02 AM
Microsoft ActiveSync-HTTP Status Statistics	1/23/2017 11:57:02 AM	1/23/2017 11:57:02 AM
Microsoft ActiveSync-User Agent Statistics	1/23/2017 11:57:02 AM	1/23/2017 11:57:02 AM
Microsoft ActiveSync-User Activity Statistics	1/23/2017 11:57:02 AM	1/23/2017 11:57:02 AM
Microsoft ActiveSync-Hourly Sync Statistics	1/23/2017 11:57:02 AM	1/23/2017 11:57:02 AM

Figure 39

5. Imported reports are shown in the right pane.

Create Flex Dashboards in EventTracker

NOTE: To configure the flex dashboards, schedule and generate the reports. Flex dashboard feature is available from EventTracker Enterprise v8.0.

Schedule Reports

1. Open **EventTracker** in browser and logon.

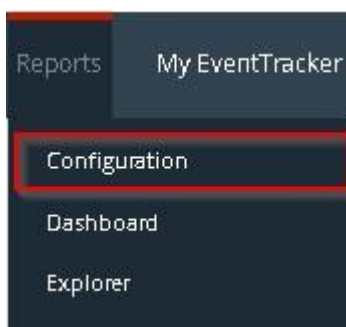


Figure 40

2. Navigate to **Reports>Configuration**.
3. Select **Microsoft ActiveSync** in report groups. Check **Defined** dialog box.

REPORTS CONFIGURATION

Scheduled Queued Defined

Search

REPORT GROUPS


- Security
- Compliance
- Operations
- Flex
- A10 ADC
- All Compliance Repor...
- Amazon Web Services
- Apache Web Server

REPORTS CONFIGURATION : MICROSOFT ACTIVESYNC

Total: 6

<input type="checkbox"/>	TITLE	CREATED ON	MODIFIED ON	
<input checked="" type="checkbox"/>	Microsoft ActiveSync-Policy Compliance Statistics	2/16/2017 4:12:37 PM	1/23/2017 11:57:02 AM	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input checked="" type="checkbox"/>	Microsoft ActiveSync-Server Statistics	1/23/2017 11:57:02 AM	1/23/2017 11:57:02 AM	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input checked="" type="checkbox"/>	Microsoft ActiveSync-HTTP Status Statistics	1/23/2017 11:57:02 AM	1/23/2017 11:57:02 AM	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input checked="" type="checkbox"/>	Microsoft ActiveSync-User Agent Statistics	1/23/2017 11:57:02 AM	1/23/2017 11:57:02 AM	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input checked="" type="checkbox"/>	Microsoft ActiveSync-User Activity Statistics	1/23/2017 11:57:02 AM	1/23/2017 11:57:02 AM	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input checked="" type="checkbox"/>	Microsoft ActiveSync-Hourly Sync Statistics	1/23/2017 11:57:02 AM	1/23/2017 11:57:02 AM	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Figure 41

4. Click on 'schedule'  to plan a report for later execution.
5. Click **Next** button to proceed.
6. In review page, check **Persist data in EventVault Explorer** option.

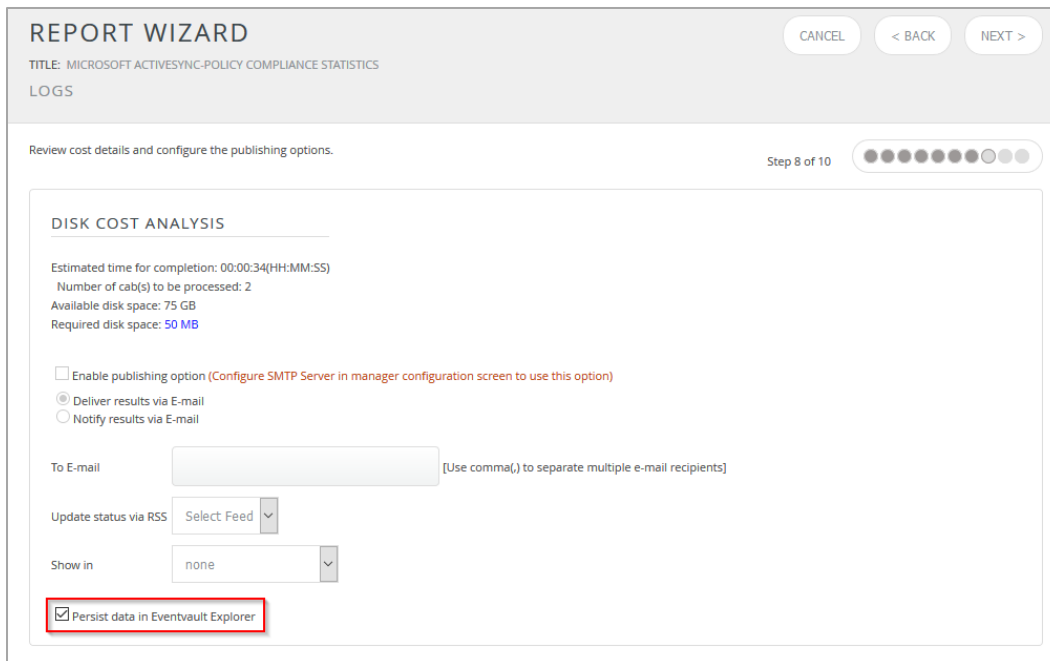


Figure 42

- In next page, check column names to persist using **PERSIST** checkboxes beside them. Choose suitable **Retention period**.

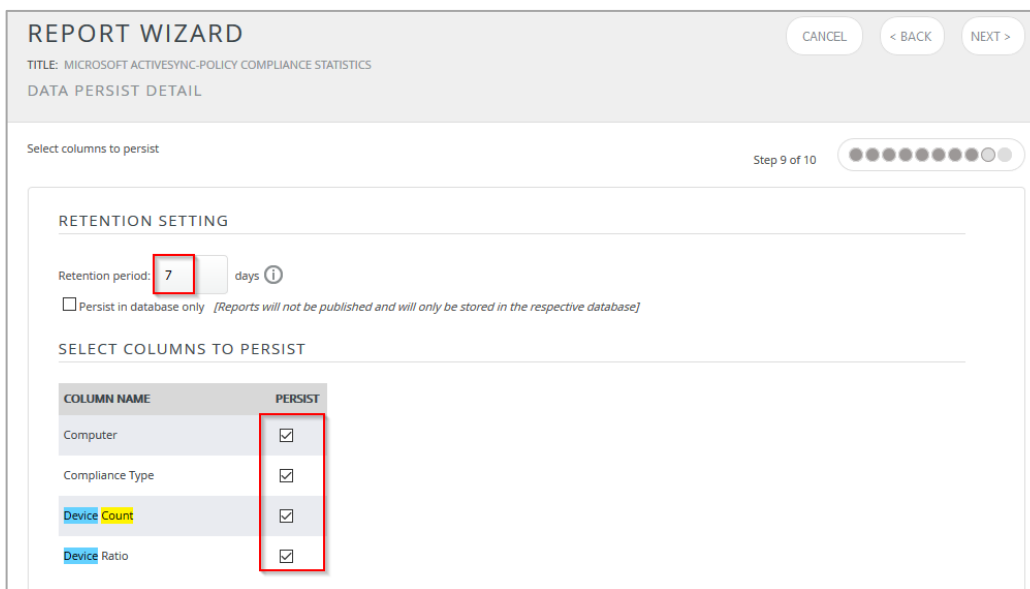


Figure 43

- Proceed to next step and click **Schedule** button.
- Wait till the reports get generated.

Create Dashlets

1. Open **EventTracker Enterprise** in browser and logon.

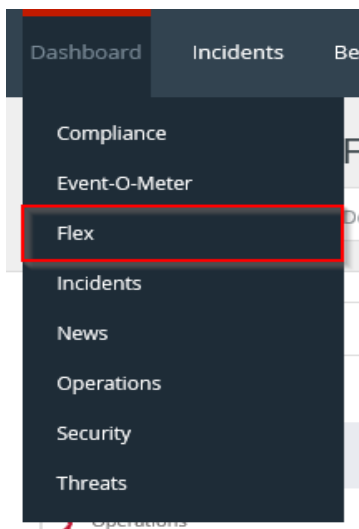


Figure 44

2. Navigate to **Dashboard>Flex**.

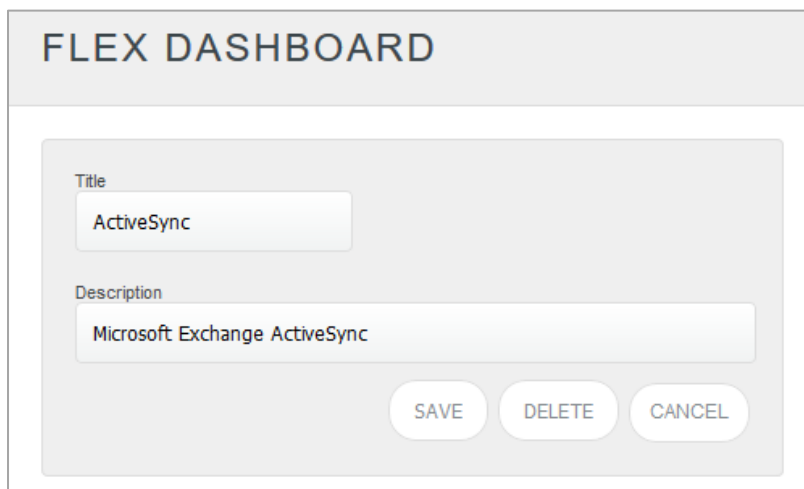

A screenshot of the 'FLEX DASHBOARD' configuration form. The form has a title bar that says 'FLEX DASHBOARD'. Below the title bar, there are two text input fields. The first field is labeled 'Title' and contains the text 'ActiveSync'. The second field is labeled 'Description' and contains the text 'Microsoft Exchange ActiveSync'. At the bottom right of the form, there are three buttons: 'SAVE', 'DELETE', and 'CANCEL'.

Figure 45

3. Fill suitable title and description and click **Save** button.
4. Click  to configure a new flex dashlet. Widget configuration pane is shown.

WIDGET CONFIGURATION

WIDGET TITLE: HTTP Response Stats

NOTE:

DATA SOURCE: Microsoft ActiveSync-HTTP Status Statistics

CHART TYPE: Line

DURATION: 24 Hours

VALUE FIELD SETTING: SUM

AS OF: Recent

AXIS LABELS [X-AXIS]: LABEL TEXT: Status Code

VALUES [Y-AXIS]: VALUE TEXT: Hit Count

FILTER: FILTER VALUES:

LEGEND [SERIES]: SELECT: All

403: 21

401: 13

404: 3

101: 2

TEST CONFIGURE CLOSE

Figure 46

5. Locate earlier scheduled report in **Data Source** dropdown.
6. Select **Chart Type** from dropdown.
7. Select extent of data to be displayed in **Duration** dropdown.
8. Select computation type in **Value Field Setting** dropdown.
9. Select evaluation duration in **As Of** dropdown.
10. Select comparable values in **X Axis** with suitable label.
11. Select numeric values in **Y Axis** with suitable label.
12. Select comparable sequence in **Legend**.
13. Click **Test** button to evaluate. Evaluated chart is shown.

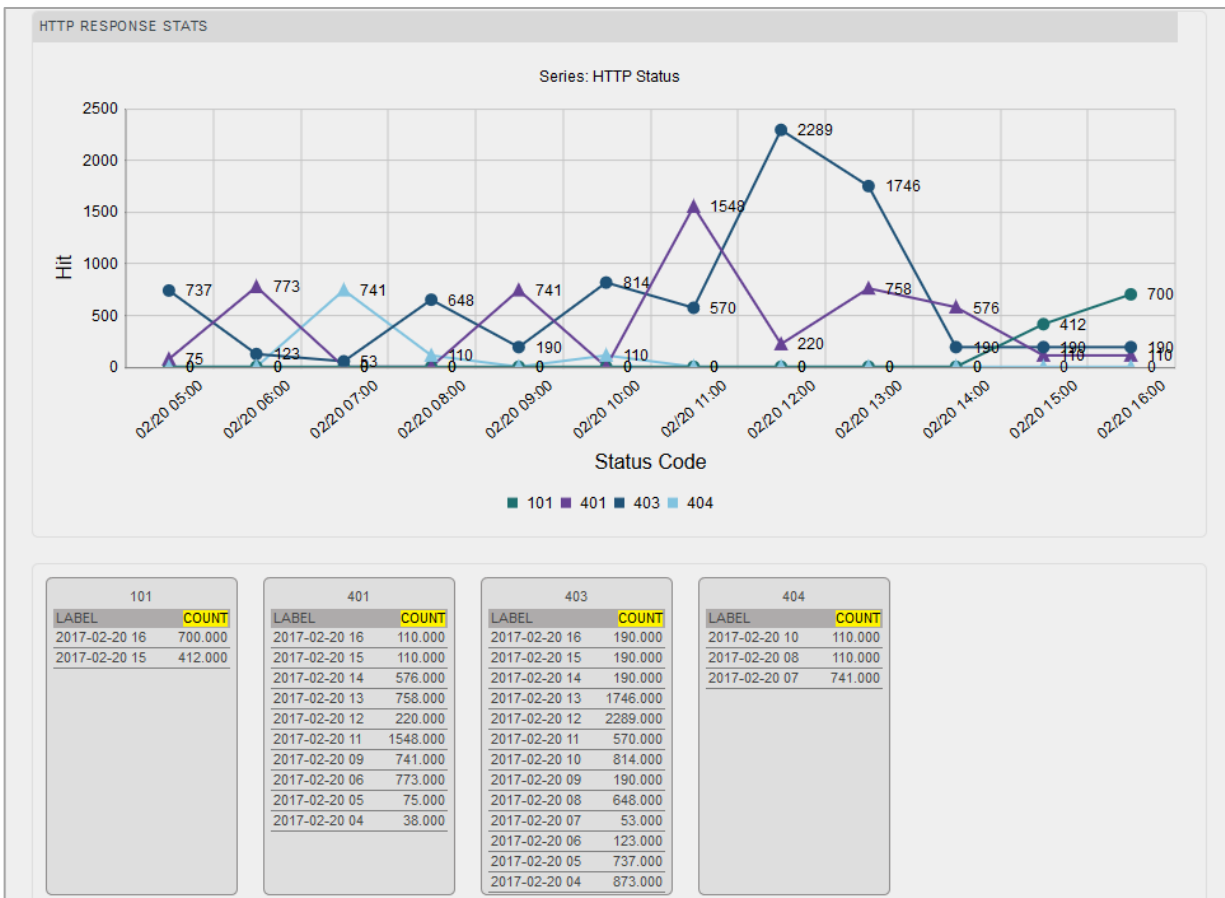


Figure 47

14. If satisfied, click **Configure** button.

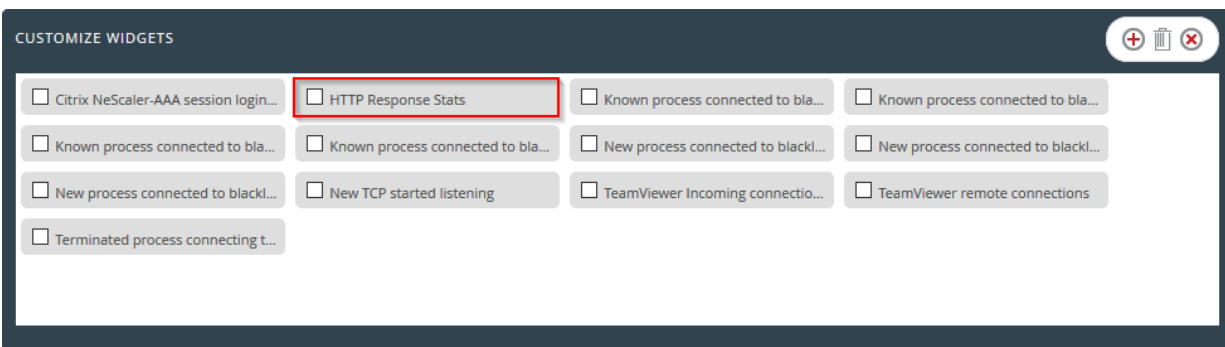



Figure 48

15. Click 'customize'  to locate and choose created dashlet.

16. Click  to add dashlet to earlier created dashboard.

Sample Flex Dashboards

1. Widget Title: HTTP response trend

Data Source: Microsoft ActiveSync-HTTP Status Statistics

Chart Type: Line

Values [Y-AXIS]: Hit Count

Legend [SERIES]: HTTP Code

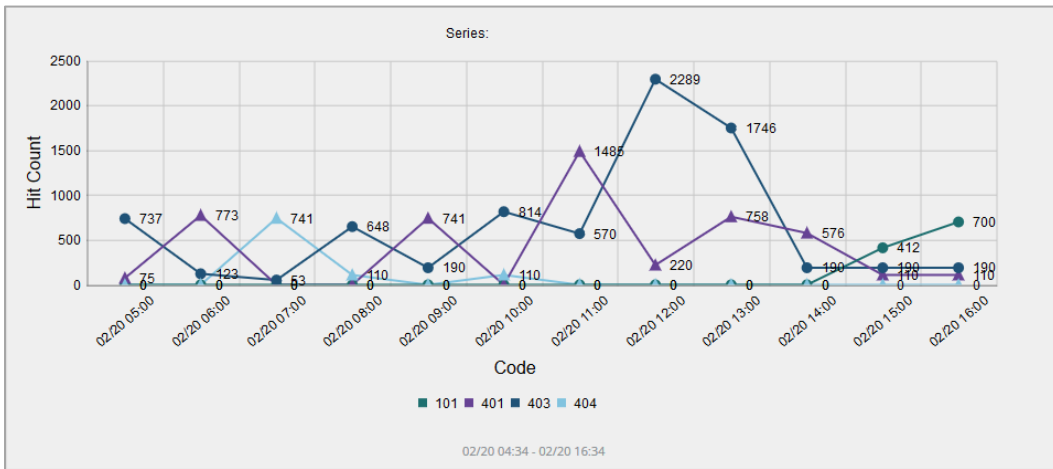


Figure 49

2. Widget Title: Policy compliance trend

Data Source: Microsoft ActiveSync-Policy Compliance Statistics

Chart Type: Line

Values [Y-AXIS]: Device Count

Legend [SERIES]: Compliance Type

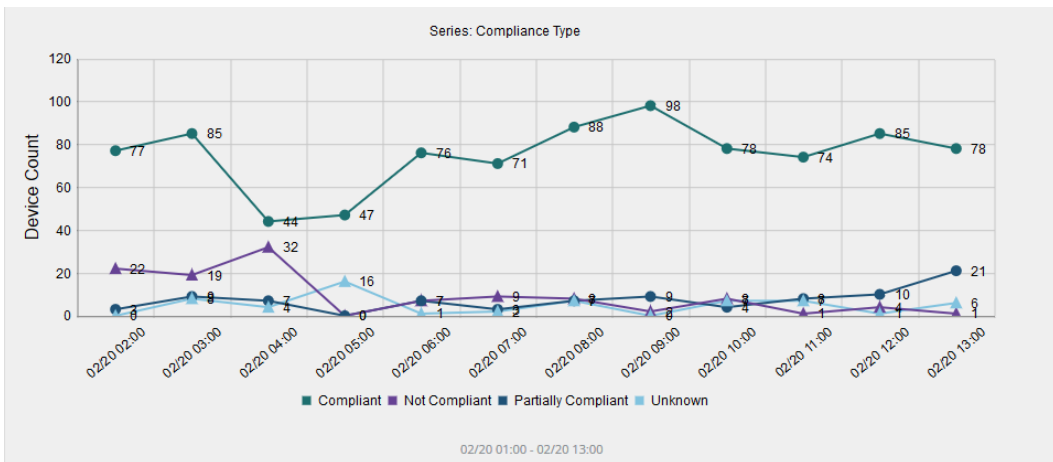


Figure 50

3. Widget Title: Unique device detection trend

Data Source: Microsoft ActiveSync-Server Statistics

Chart Type: Line

Values [Y-AXIS]: Average Unique Device Count

Legend [SERIES]: Server Name

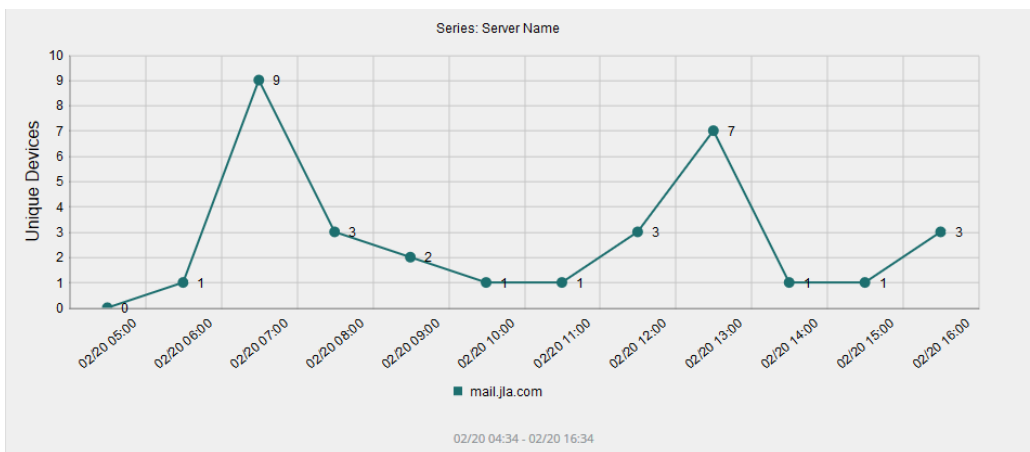


Figure 51

4. Widget Title: Cumulative user hit count variance

Data Source: Microsoft ActiveSync-User Activity Statistics

Chart Type: Meter Guage

Values [Y-AXIS]: Hit Count

Legend [SERIES]: User Name

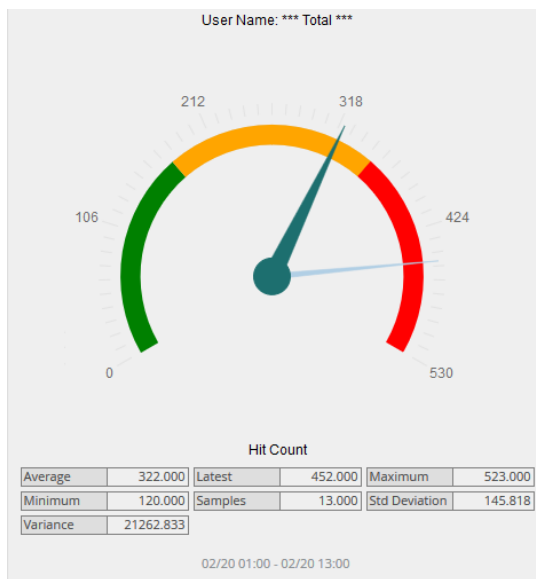


Figure 52

5. **Widget Title: User agent connection statistics**

Data Source: Microsoft ActiveSync-User Agent Statistics

Chart Type: Donut

Axis Labels [X-AXIS]: User Agent Type

Values [Y-AXIS]: Hit Count

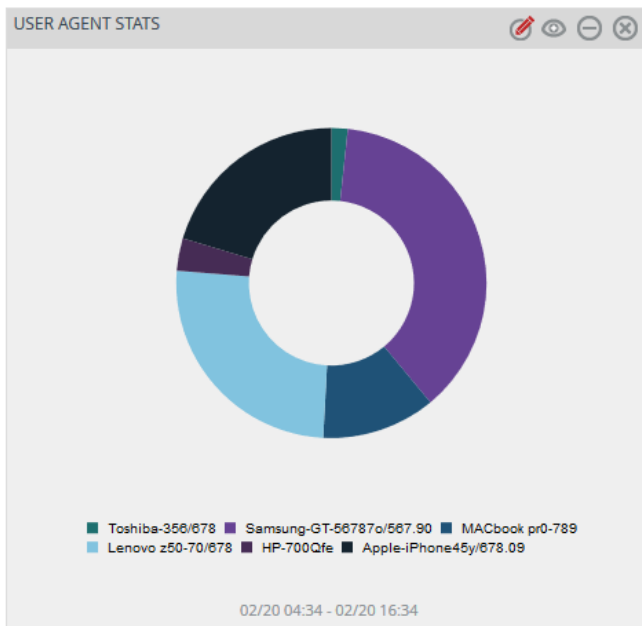


Figure 53