

Integrate Trend Micro Vulnerability Protection

EventTracker v8.x and above

Abstract

This guide provides instructions to configure **Trend Micro Vulnerability Protection** to send crucial events to EventTracker Enterprise by means of syslog.

Scope

The configurations detailed in this guide are consistent with **EventTracker Enterprise version 8.x and later**, and **Trend Micro Vulnerability Protection version up to 2.x**.

Audience

Trend Micro Vulnerability Protection users, who wish to forward its events to EventTracker Manager and monitor them using EventTracker Enterprise.

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Overview

Trend Micro Vulnerability Protection provides earlier, stronger endpoint protection by supplementing desktop anti-malware and threat security with proactive virtual patching. A high-performance engine monitors traffic for new specific vulnerabilities using host based intrusion prevention system (IPS) filters as well as zero-day attack monitoring. So, you can detect network protocol deviations, or suspicious content that signals an attack, or security policy violations.

Prerequisites

- **EventTracker** should be installed.
- **Trend Micro Vulnerability Protection** version **upto 2.x** should be installed.

Enable Syslog Forwarding in Trend Micro Vulnerability Protection

1. Go to the **Administration > System Settings > SIEM** tab.
2. In the **System Event Notification (from the Manager)** area, set the **Forward System Events to a remote computer** (via Syslog) option.
3. In the **hostname** or the **IP address** field, type in the **EventTracker Manager IP Address**.

The screenshot shows the Trend Micro Vulnerability Protection Administration interface. The top navigation bar includes 'Dashboard', 'Alerts', 'Events & Reports', 'Computers', 'Policies', and 'Administration'. The 'Administration' tab is active, and the 'SIEM' sub-tab is selected. The 'System Event Notification (From The Manager)' section is expanded, showing the following configuration:

- Forward System Events to a remote computer (via Syslog)
- Hostname or IP address to which events should be sent: [Empty text box]
- UDP port to which events should be sent: 514
- Syslog Facility: Local 0
- Syslog Format: Common Event Format

A 'Save' button is visible at the bottom right of the configuration area.

4. Enter which **UDP port** to use (**514**).

5. Select which **Syslog Facility** to use (Local 0)
6. Select which **Syslog Format** to use. (**Common Event Format**)

EventTracker Knowledge Pack

Once logs are received into EventTracker, Categories and reports can be configured into EventTracker.

The following Knowledge Packs are available in EventTracker Enterprise to support Windows.

Categories

- **Trend Micro VP- User activities-** This category based report provides information related to all user activities.
- **Trend Micro VP- User login and logout-** This category based report provides information related to all the user login and logout activity.
- **Trend Micro VP- User login failures-** This category based report provides information related to all the user login failures that is done.
- **Trend Micro VP- Computer activities-** This category based report provides information related to all the different Trend Micro agent activities that is added in the Trend Micro manager.
- **Trend Micro VP- System events-** This category based report provides information related to all the system activities that is done.
- **Trend Micro VP- Rules and policy changes-** This category based report provides information related to all the firewall/IPS rules and policy changes that are done.
- **Trend Micro VP- Firewall allowed traffic-** This category based report provides information related to all the traffic that are allowed by the Trend Micro Vulnerability Protection.
- **Trend Micro VP- Firewall denied traffic-** This category based report provides information related to all the traffic that are denied by the Trend Micro Vulnerability Protection.
- **Trend Micro VP- IPS activities-** This category based report provides information related to all the IPS attack that is detected by the Trend Micro Vulnerability Protection.

Alerts

- **Trend Micro VP: User activities:** This alert is generated when a critical user activity is detected by Trend Micro Vulnerability Protection.
- **Trend Micro VP: User login failures:** This alert is generated when any user login failure is attempted.
- **Trend Micro VP: System events:** This alert is generated when any critical system event is triggered by Trend Micro Vulnerability Protection.
- **Trend Micro VP: IPS activities:** This alert is generated when any IPS attack is detected by the Trend Micro Vulnerability Protection.

Flex Reports

- **Trend Micro VP- User activities-** This report provides information related to all user activities that is done.

LogTime	Manager Machine Name	Source User Name	Target Entity	Action
12/29/2017 01:25:40 PM	Contoso-TMV	admin	Jiren	User Viewed Firewall Event
12/29/2017 01:25:40 PM	Contoso-TMV	admin	Jiren	User Viewed Intrusion Prevention Event
12/29/2017 01:25:40 PM	Contoso-TMV	Jeremy	stacy	User Viewed admin Event
12/29/2017 01:25:40 PM	Contoso-TMV	admin	alberto	User Created
12/29/2017 01:25:40 PM	Contoso-TMV	stacy	greg	User Deleted
12/29/2017 01:25:40 PM	Contoso-TMV	admin	gilbert	User Updated
12/29/2017 01:25:40 PM	Contoso-TMV	admin	Jiren	User Password Set

Logs Considered:

<input type="checkbox"/> LOG TIME	EVENT ID	SITE / COMPUTER	USER	DOMAIN	SOURCE
<input type="checkbox"/> 1/3/2018 4:27:41 PM	3333	NTPLDTBLR38 / ntpldt...	N/A	N/A	Syslog
Event Type: Information		Description:			
Log Type: Application		Dec 29 11:57:32 Contoso-TMV Dec 29 11:57:31 Contoso-TMV CEF:0 Trend Micro Vulnerability Protection Manager 2.0.8367 651 User Deleted 3 user=stacy target=greg msg=Description Omitted			
Category Id: 0					

- **Trend Micro VP- User login and logout-** This report provides information related to all the user login and logout activity.

LogTime	Manager Device Name	Source IP Address	Source User Name	Target Entity	Action	Message
12/29/2017 01:25:40 PM	Contoso-TMV	172.16.54.97	admin	admin	User Signed In	User signed in from 172.16.54.97
12/29/2017 01:25:40 PM	Contoso-TMV		System	admin	User Signed Out	Description Omitted

Logs Considered:

LOG TIME	EVENT ID	SITE / COMPUTER	USER	DOMAIN	SOURCE
1/3/2018 4:27:42 PM	3333	NTPLDTBLR38 / ntpldt...	N/A	N/A	Syslog
Event Type: Information Log Type: Application Category Id: 0		Description: Dec 29 11:58:27 Contoso-TMV Dec 29 11:58:27 Contoso-TMV CEF:0(Trend Micro[Vulnerability Protection Manager]2.0.8367/601 User Signed Out 3 user=System target=edward msg=Description Omitted			
1/3/2018 4:27:42 PM	3333	NTPLDTBLR38 / ntpldt...	N/A	N/A	Syslog
Event Type: Information Log Type: Application Category Id: 0		Description: Dec 29 11:58:27 Contoso-TMV Dec 29 11:58:27 Contoso-TMV CEF:0(Trend Micro[Vulnerability Protection Manager]2.0.8367/601 User Signed In 3 user=System target=katy msg=Description Omitted			

- **Trend Micro VP- User login failures-** This provides information related to all the user logon failures that is attempted.

LogTime	Manager Machine Name	Source IP Address	Source User Name	Target Entity	Action	Message
12/29/2017 01:25:40 PM	Contoso-TMV		admin	Katie	User Locked Out	Description Omitted
12/29/2017 01:25:40 PM	Contoso-TMV		victor	Katie	User Timed Out	Description Omitted
12/29/2017 01:25:40 PM	Contoso-TMV		victor	Katie	User Unlocked	Description Omitted
12/29/2017 01:25:40 PM	Contoso-TMV	172.16.54.97	victor	admin	Authentication Failed	User password incorrect for username admin on an attempt to sign in from 172.16.54.97

Logs Considered:

LOG TIME	EVENT ID	SITE / COMPUTER	USER	DOMAIN	SOURCE
1/3/2018 4:27:42 PM	3333	NTPLDTBLR38 / ntoldt...	N/A	N/A	Syslog
Event Type: Information Log Type: Application Category Id: 0		Description: Dec 29 11:58:22 Contoso-TMV Dec 29 11:58:19 Contoso-TMV CEF:0(Trend Micro[Vulnerability Protection Manager]2.0.8367)603>User Locked Out[3]user=admin target=Katie msg=Description Omitted			
1/3/2018 4:27:42 PM	3333	NTPLDTBLR38 / ntoldt...	N/A	N/A	Syslog
Event Type: Information Log Type: Application Category Id: 0		Description: Dec 29 12:44:38 Contoso-TMV Dec 29 12:44:34 Contoso-TMV CEF:0(Trend Micro[Vulnerability Protection Manager]2.0.8367)160 Authentication Failed[3]user=victor target=admin msg=User password incorrect for username admin on an attempt to sign in from 172.16.54.97			

- **Trend Micro VP- Computer activities-** This report provides information related to all the different Trend Micro agent activities that is added in the Trend Micro manager.

LogTime	Manager Machine Name	Source User Name	Target Entity	Action
12/29/2017 03:09:24 PM	Contoso-T11	admin	192.163.11.47	Scan for Open Ports
12/29/2017 03:09:24 PM	Contoso-T11	victor	172.154.16.49	Computer Deleted
12/29/2017 03:09:24 PM	Contoso-T11	pedro	174.25.18.93	Scan for Open Ports Failed
12/29/2017 03:09:24 PM	Contoso-T11	christian	192.168.12.147	Deactivation Requested
12/29/2017 03:09:24 PM	Contoso-T11	john	203.154.28.79	Unlocked
12/29/2017 03:09:24 PM	Contoso-T11	admin	192.163.11.47	Computer Created
12/29/2017 03:09:24 PM	Contoso-T11	katie	192.160.14.22	Activation Requested
12/29/2017 03:09:24 PM	Contoso-T11	admin	192.163.11.47	Computer Moved

Logs Considered:

LOG TIME	EVENT ID	SITE / COMPUTER	USER	DOMAIN	SOURCE
1/3/2018 6:00:17 PM	3333	NTPLDTBLR38 / ntpldt...	N/A	N/A	Syslog
Event Type: Information Log Type: Application Category Id: 0		Description: Dec 29 11:35:56 Contoso-T11 Dec 29 11:35:54 Contoso-T11 CEF:0 Trend Micro Vulnerability Protection Manager 2.0.8367 251 Computer Deleted 3 sus er=victor target=192.163.11.47 msg=Description Omitted			
1/3/2018 6:00:17 PM	3333	NTPLDTBLR38 / ntpldt...	N/A	N/A	Syslog
Event Type: Information Log Type: Application Category Id: 0		Description: Dec 29 11:55:55 Contoso-T11 Dec 29 11:55:53 Contoso-T11 CEF:0 Trend Micro Vulnerability Protection Manager 2.0.8367 250 Computer Created 3 sus er=admin target=174.25.18.93 msg=Description Omitted			

- **Trend Micro VP- System events-** This report provides information related to all the system activities that is done.

LogTime	Manager Machine Name	Source User Name	Target Entity	Action
01/02/2018 12:38:39 PM	Contoso-T17	admin	172.154.12.160	Script Executed
01/02/2018 12:38:39 PM	Contoso-T17	jeremy	110.25.96.41	Script Execution Failed
01/02/2018 12:38:39 PM	Contoso-T17	tony	154.92.44.112	Software Deleted
01/02/2018 12:38:39 PM	Contoso-T17	admin	172.154.12.160	Firewall Events Exported
01/02/2018 12:38:39 PM	Contoso-T17	admin	113.15.34.210	Manager Available Disk Space Too Low
01/02/2018 12:38:39 PM	Contoso-T17	admin	172.154.12.160	Vulnerability Protection Manager Shutdown
01/02/2018 12:38:39 PM	Contoso-T17	kim	110.25.96.41	Heartbeat Server Failed
01/02/2018 12:38:39 PM	Contoso-T17	admin	172.154.12.160	Credential Generation

Logs Considered:

LOG TIME	EVENT ID	SITE / COMPUTER	USER	DOMAIN	SOURCE
1/3/2018 4:27:41 PM	3333	NTPLDTBLR38 / ntoldt...	N/A	N/A	Syslog

Event Type: Information
 Log Type: Application
 Category Id: 0

Description:
 Dec 29 11:35:56 Contoso-T17 Dec 29 11:35:54 Contoso-T17 CEF:0|Trend Micro|Vulnerability Protection Manager|2.0.8367|120|Heartbeat Server Failed|3|user=kim target=110.25.96.41 msg=Description Omitted

- **Trend Micro VP- Rules and policy changes-** This report provides information related to all the firewall/IPS rules and policy changes that are done.

LogTime	Manager Machine Name	Source User Name	Target Entity	Action
01/02/2018 11:16:00 AM	Contoso-T11	katie	172.168.45.12	Send Policy Failed
01/02/2018 11:16:00 AM	Contoso-T11	admin	192.161.15.131	Policy Sent
01/02/2018 11:15:59 AM	Contoso-T11	admin	192.161.15.131	Policy Deleted
01/02/2018 11:16:00 AM	Contoso-T11	admin	192.161.15.131	Intrusion Prevention Rules Require Configuration
01/02/2018 11:16:00 AM	Contoso-T11	fisher	145.92.15.47	Scheduled Rule Update Downloaded and Applied
01/02/2018 11:16:00 AM	Contoso-T11	Nell	174.15.94.65	Firewall Rule Deleted
01/02/2018 11:16:00 AM	Contoso-T11	admin	192.161.15.131	Intrusion Prevention Rule Exported
01/02/2018 11:16:00 AM	Contoso-T11	admin	172.54.88.147	Intrusion Prevention Rule Updated
01/02/2018 11:16:00 AM	Contoso-T11	vincent	54.168.10.132	Intrusion Prevention Rule Deleted

Logs Considered:

LOG TIME	EVENT ID	SITE / COMPUTER	USER	DOMAIN	SOURCE
1/3/2018 4:27:41 PM	3333	NTPLDTBLR38 / ntoldt...	N/A	N/A	Syslog

Event Type: Information
 Log Type: Application
 Category Id: 0

Description:
 Dec 29 11:55:55 Contoso-T11 Dec 29 11:55:53 Contoso-T11 CEF:0[Trend Micro[Vulnerability Protection Manager]2.0.8367|106|Scheduled Rule Update Downloaded and Applied]3[user=fisher target=145.92.15.47 msg=Description Omitted]

- **Trend Micro VP- Firewall allowed and denied traffic-** This report provides information related to all the traffic that are allowed and denied by the Trend Micro Vulnerability Protection.

LogTime	Manager Machine Name	Source IP Address	Source Port	Destination IP Address	Destination Port	Device Host Name	Source Mac Address	Destination Mac Address	Frame Type	Event Name	Action	Protocol	Bytes In	Bytes Out	Count
01/02/2018 03:50:02 PM	Contoso-11	192.168.126.10	49617	72.14.204.147	80	127.10.25.1 94	00:0C:29:EB:35:DE	00:50:56:F5:7F:47	IP	Log for TCP Port 80	Log	TCP	1589	1019	1
01/02/2018 03:50:02 PM	Contoso-11	fe80:0:0:8810:33cc:ba4c:665	55899	ff02:0:0:0:0:1:3	5355	192.154.21.52	D4:3D:7E:12:5E:92	33:33:00:01:00:03	IPv6	Out Of Allowed Policy	Deny	UDP	91	256	6

Logs Considered:

LOG TIME	EVENT ID	SITE / COMPUTER	USER	DOMAIN	SOURCE
1/3/2018 5:24:58 PM	3333	NTPDLTBLR38 / ntpldt...	N/A	N/A	Syslog

Event Type: Information
 Log Type: Application
 Category Id: 0

Description:
 Dec 28 15:43:20 Contoso-11 Dec 28 15:08:58 Contoso-11 CEF:0|Trend Micro|Vulnerability Protection Agent|2.0.8367|123|Out Of Allowed Policy|5|cn1=3
 cn1Label=Host ID dvc=192.154.21.52 act=Deny dmac=33:33:00:01:00:03 smac=D4:3D:7E:12:5E:92 TrendMicroDsFrameType=IPv6 src=fe80:0:0:8810:
 33cc:ba4c:665 dst=ff02:0:0:0:1:3 in=91 out=256 cs3= cs3Label=Fragmentation Bits proto=UDP spt=55899 dpt=5355 cnt=1

- **Trend Micro VP- IPS activities-** This report provides information related to all the IPS attack that is detected by the Trend Micro Vulnerability Protection.

LogTime	Manager Machine Name	Source IP Address	Source Port	Destination IP Address	Destination Port	Device Host Name	Source Mac Address	Destination Mac Address	Event Name	Action	Bytes In	Bytes Out	Count
01/02/2018 04:29:06 PM	Contoso-13	172.15.164.15	1548	72.14.204.105	45	Contoso-11	00:0C:29:EB:35:DE	00:50:56:F5:7F:47	Region Too Big	Reset	96321	1093	2
01/02/2018 04:29:06 PM	Contoso-13	154.23.59.19	49786	110.45.93.101	152	54.80.48.73	b2:11:4c:ee:f5:c7	a6:11:4c:ee:f5:c3	Insufficient Memory	IDS:Block	1252	256	3
01/02/2018 04:29:06 PM	Contoso-13	172.15.164.15	189	72.14.204.105	96	Contoso-13	c4:be:45:e1:f5:d8	a6:19:3c:aa:f5:c3	Runtime Error	Reset	4953	1	1
01/02/2018 04:29:06 PM	Contoso-13	78.42.154.22	7845	19.56.19.78	46	172.203.15.49	a6:11:4c:ee:f5:c3	d8:f5:e1:44:eb:4c	Error Generating Master Key(s)	Block	4561	9524	1

Logs Considered:

LOG TIME	EVENT ID	SITE / COMPUTER	USER	DOMAIN	SOURCE
1/3/2018 4:27:40 PM	3333	NTPDLTBLR38 / ntpldt...	N/A	N/A	Syslog

Event Type: Information
 Log Type: Application
 Category Id: 0

Description:
 Dec 28 15:43:20 Contoso-13 Dec 28 15:08:57 Contoso-13 CEF:0|Trend Micro|Vulnerability Protection Agent|2.0|500|URI Path Depth Exceeded|3|cn1=1 c
 n1Label=Host ID dvchost=Contoso-19 dmac=12:7d:4f:ae:b4:69 smac=00:0C:29:EB:35:DE TrendMicroDsFrameType=IP src=45.12.96.78 dst=103.25.78.
 46 out=1123 cs3=DF MF cs3Label=Fragmentation Bits proto=TCP spt=6521 dpt=213 cs2=0x00 ACK PSH cs2Label=TCP Flags cnt=61 act=IDS:Reset cn
 3=10 cn3Label=Intrusion Prevention Packet Position cs5=10 cs5Label=Intrusion Prevention Stream Position cs6=8 cs6Label=Intrusion Prevention Flags T
 rendMicroDsPacketData=ROVUIIC9zP3

Import Trend Micro Vulnerability Protection Knowledge Pack into EventTracker

NOTE: Import knowledge pack items in the following sequence:

- Categories
- Knowledge Objects
- Alerts
- Token Templates
- Flex Reports

NOTE: Export knowledge pack items in the following sequence:

- Categories
 - Knowledge Objects
 - Alerts
 - Token Templates
 - Flex Reports
1. Launch **EventTracker Control Panel**.
 2. Double click **Export Import Utility**, and then click the **Import** tab.

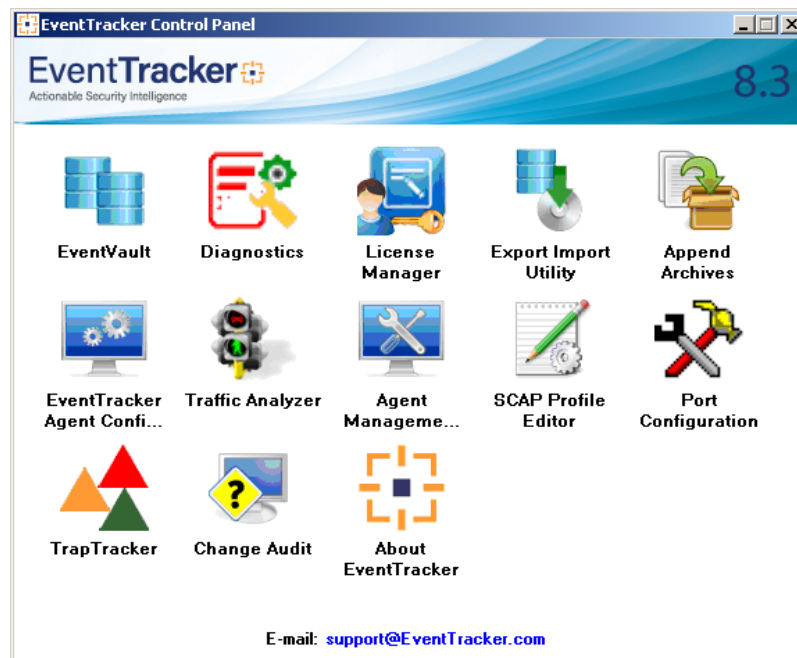



Figure 1

Import Category

1. Click **Category** option, and then click the browse  button.

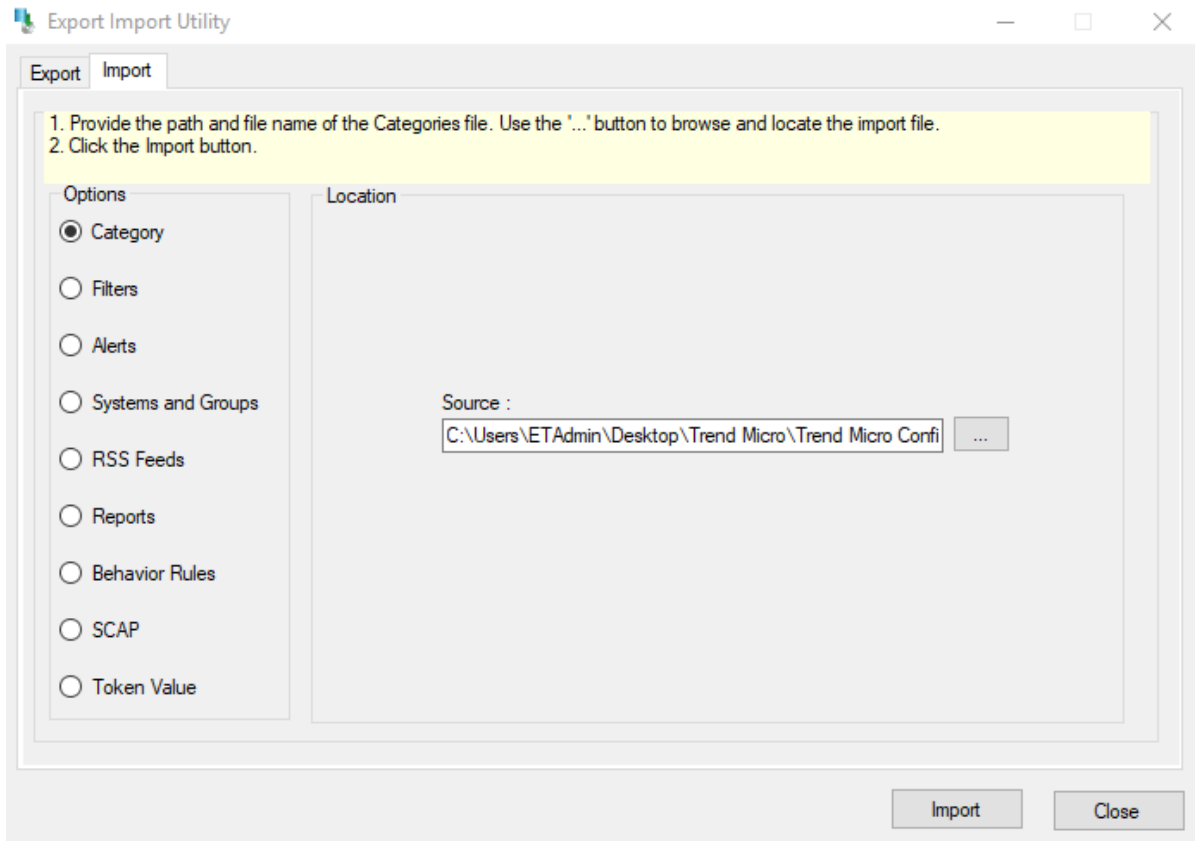


Figure 2

2. Locate **Trend Micro VP categories.iscat** file, and then click the **Open** button.
3. To import categories, click the **Import** button.
EventTracker displays success message.

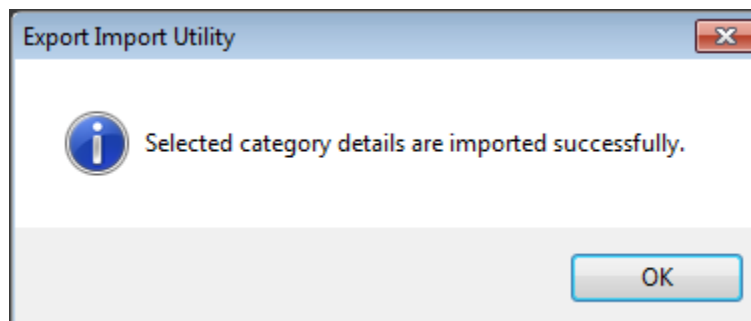



Figure 3

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

Import Alerts

1. Click **Alert** option, and then click the **browse**  button.

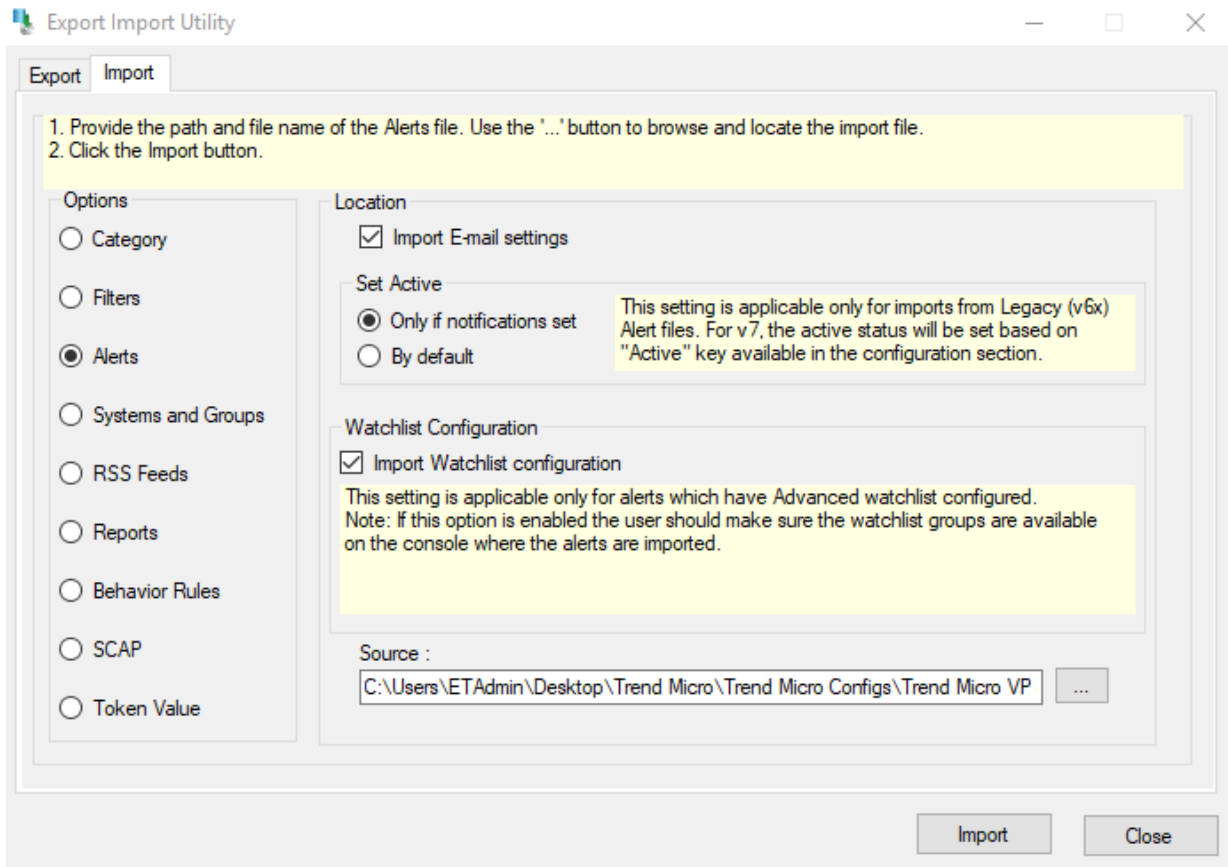


Figure 4

2. Locate **Trend Micro VP alerts.isalt** file, and then click the **Open** button.
3. To import alerts, click the **Import** button.
EventTracker displays success message.

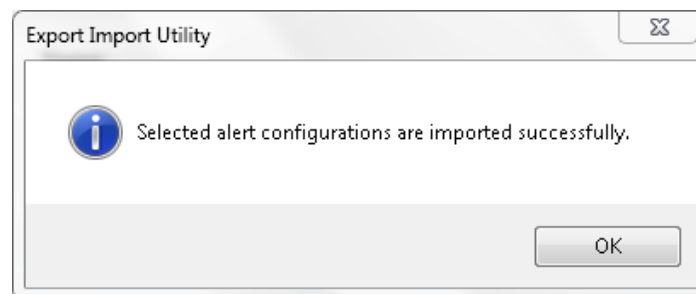


Figure 5

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

Import Knowledge Object

1. Click the **Admin** menu, and then click **Knowledge Objects**.
2. Click on **Import** option.

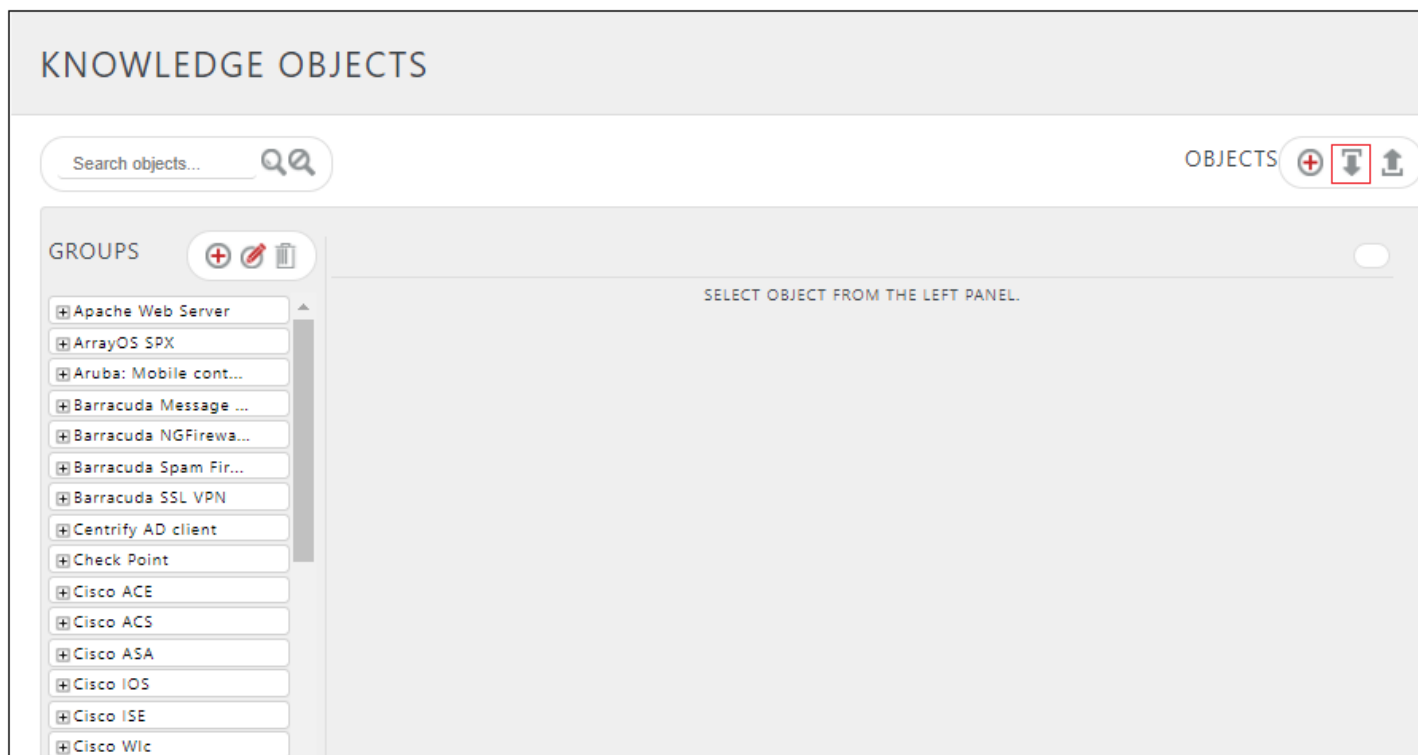


Figure 6

3. In **IMPORT** pane click on **Browse** button.

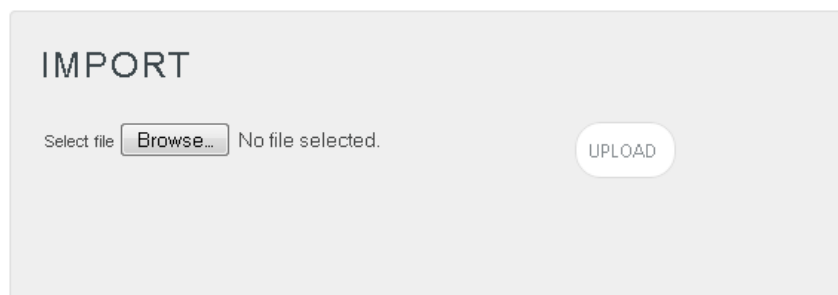


Figure 7

4. Locate **KO_Trend Micro VP.etko** file, and then click the **UPLOAD** button.

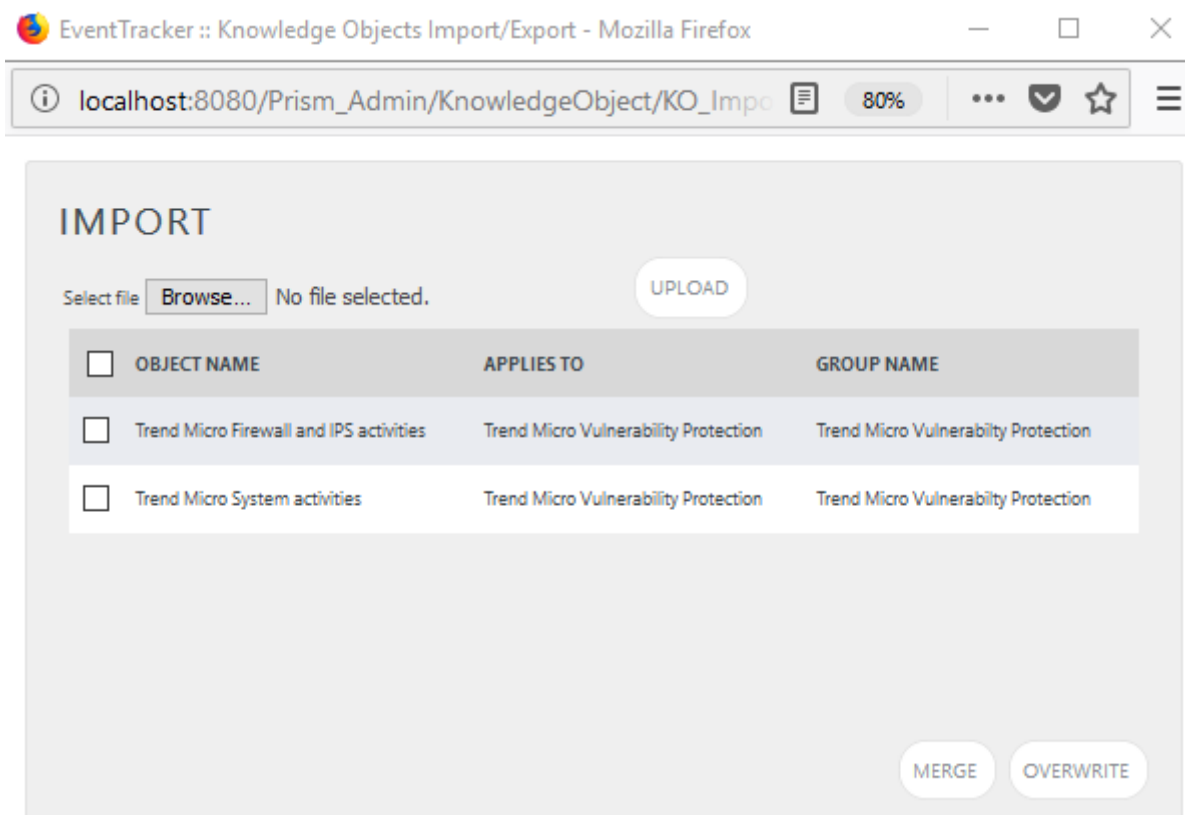


Figure 8

- Now select the check box and then click on '**OVERWRITE**' option. EventTracker displays success message.

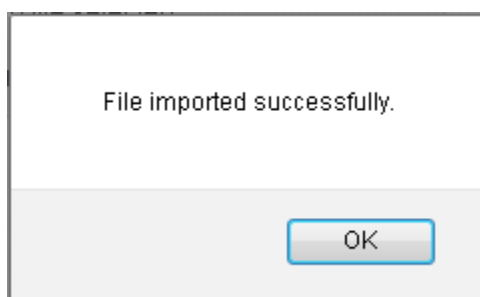


Figure 9

- Click on **OK** button.

Token Template

- Click the **Admin** menu, and then click **Parsing rule**.
- Select **Template** tab, and then click on **Import** option.
- Click on **Browse** button.

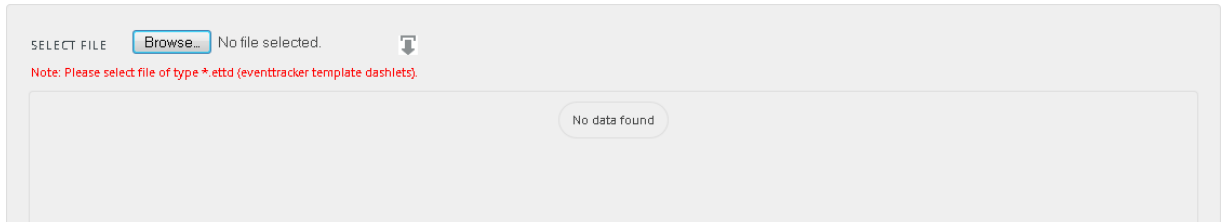


Figure 10

4. Locate **Trend Micro VP templates.ettd** file, and then click the **Open** button.

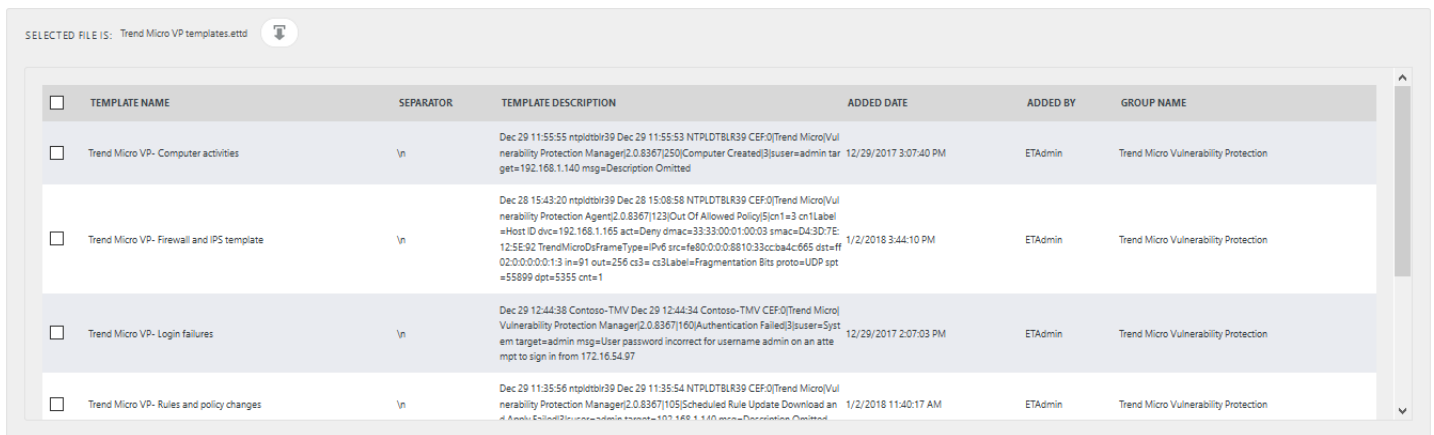


Figure 11

5. Now select the check box and then click on **Import** option. EventTracker displays success message.

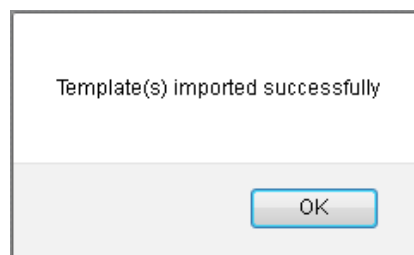


Figure 12

6. Click on **OK** button.

Import Flex Reports

1. Click **Reports** option, and then click the **'browse'**  button.
2. Locate applicable **Trend Micro VP Reports.etcrx** file, and then click the **Open** button.

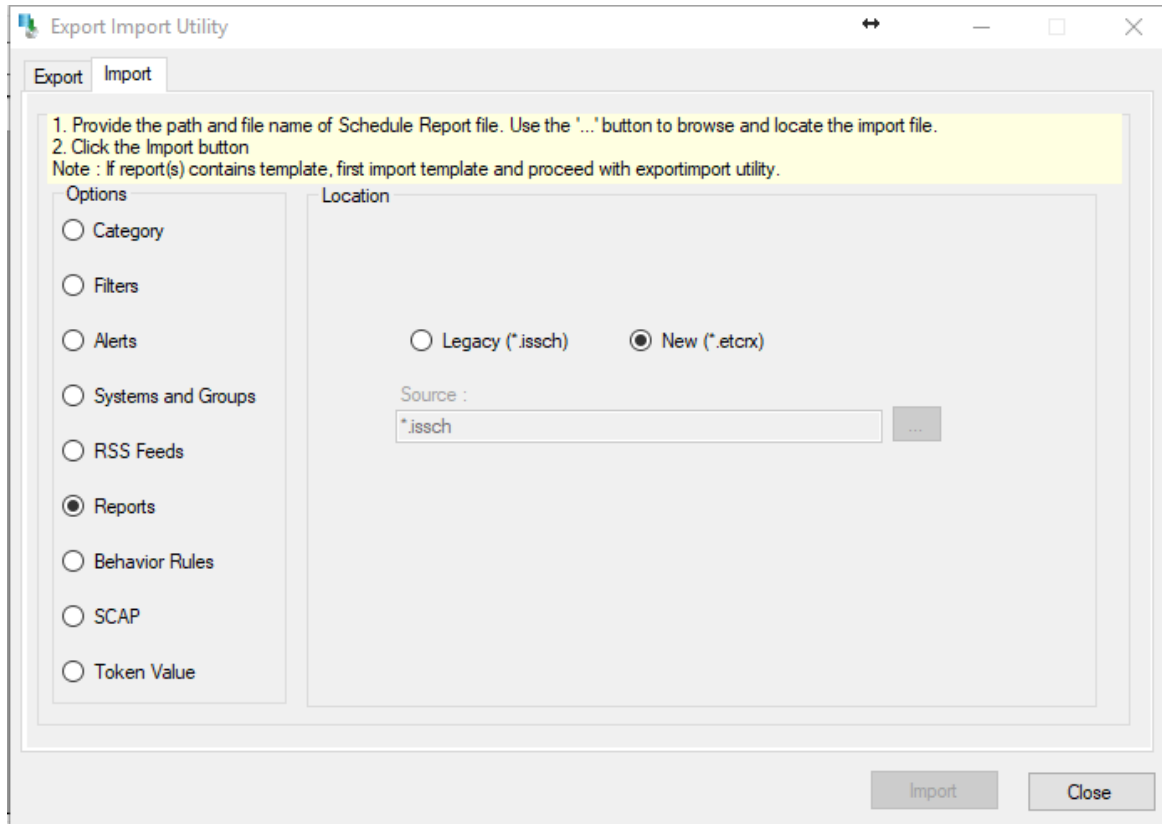


Figure 13

3. To import scheduled reports, click the **Import** button.

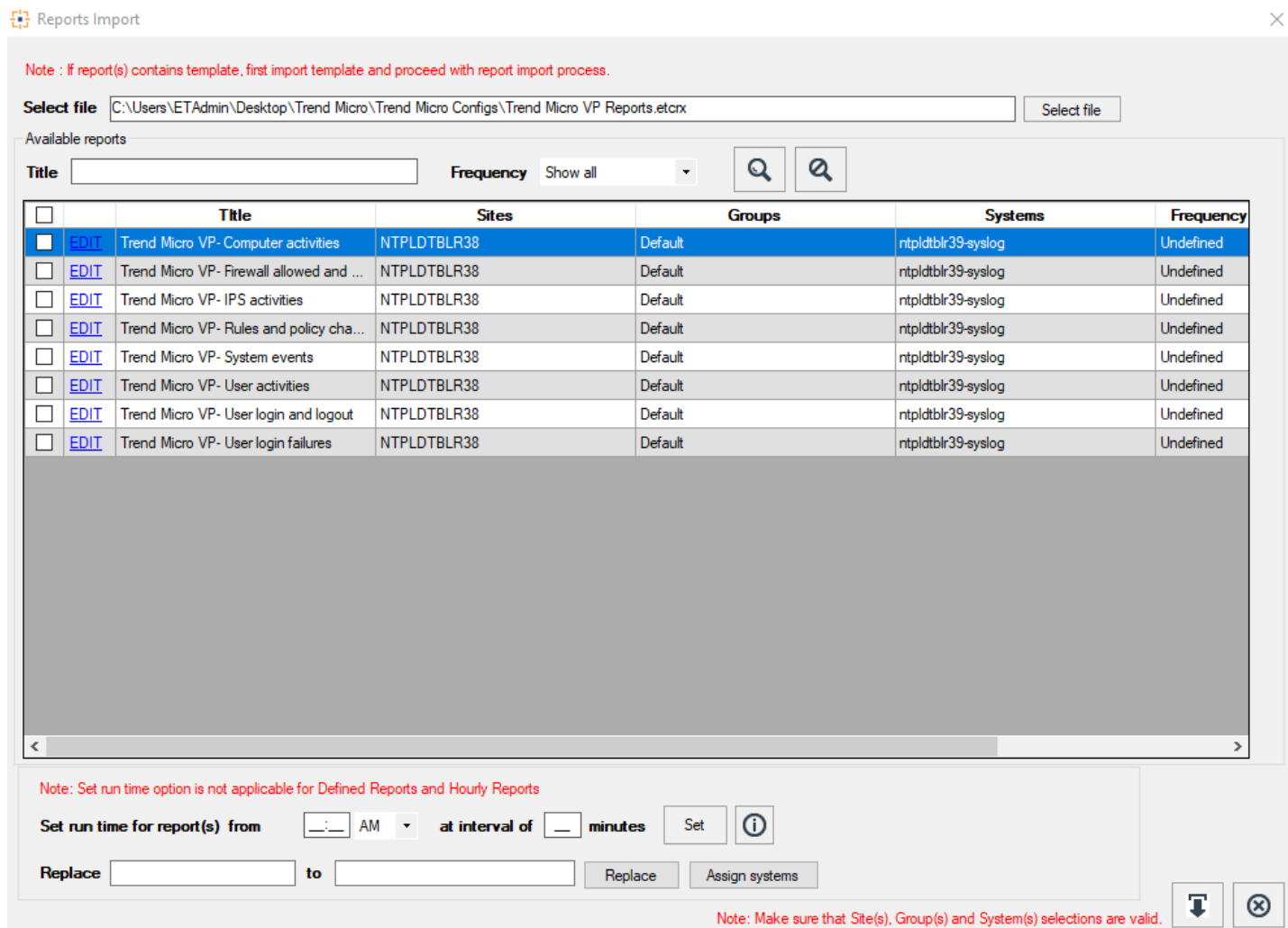


Figure 14

4. EventTracker displays success message.

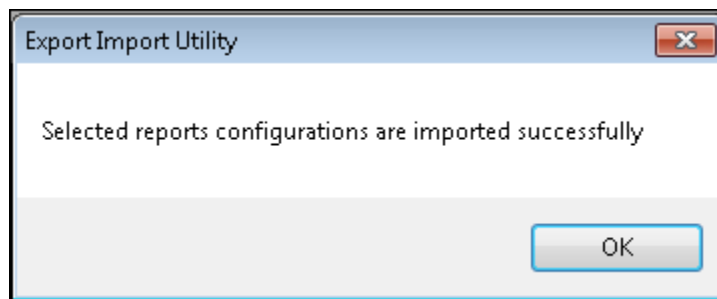


Figure 15

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

Verify Trend Micro Vulnerability Protection Knowledge Pack

Verify Categories

1. Logon to **EventTracker Enterprise**.
2. Click the **Admin** menu, and then click **Category**.
3. In **Category Tree** to view imported categories, scroll down and expand '**Trend Micro Vulnerability Protection**' group folder to view the imported categories.

CATEGORY MANAGEMENT

Total category groups: 26 Total categories: 187

Last 10 modified categories

NAME	MODIFIED DATE	MODIFIED BY
Trend Micro VP- Computer activities	1/3/2018 1:07:51 PM	
Trend Micro VP- Firewall allowed traffic	1/3/2018 1:07:51 PM	
Trend Micro VP- Firewall denied traffic	1/3/2018 1:07:51 PM	
Trend Micro VP- IPS activities	1/3/2018 1:07:51 PM	
Trend Micro VP- Rules and policy changes	1/3/2018 1:07:51 PM	
Trend Micro VP- System events	1/3/2018 1:07:51 PM	
Trend Micro VP- User activities	1/3/2018 1:07:51 PM	
Trend Micro VP- User login and logout	1/3/2018 1:07:51 PM	
Trend Micro VP- User login failures	1/3/2018 1:07:51 PM	
Sophos XG Firewall- Admin activities	12/26/2017 2:19:36 PM	

Figure 16

Verify Alerts

1. Logon to **EventTracker Enterprise**.
2. Click the **Admin** menu, and then click **Alerts**.
3. In the **Search** box, type '**Trend Micro Vulnerability Protection**', and then click the **Go** button. Alert Management page will display all the imported alerts.

ALERT MANAGEMENT Show All Search by Alert name Trend

ACTIVATE NOW Click '**Activate Now**' after making all changes Total: 4 Page Size 25

<input type="checkbox"/>	ALERT NAME ^	THREAT	ACTIVE	E-MAIL	MESSAGE	RSS	FORWARD AS SNMP	FORWARD AS SYSLOG	REMEDIAL ACTION AT CONSOLE	REMEDIAL ACTION AT AGENT	APPLIES TO
<input type="checkbox"/>	Trend Micro VP: IPS activities	Serious	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Trend Micro Vulne...
<input type="checkbox"/>	Trend Micro VP: Login failures	High	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Trend Micro Vulne...
<input type="checkbox"/>	Trend Micro VP: System events	High	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Trend Micro Vulne...
<input type="checkbox"/>	Trend Micro VP: User activities	High	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Trend Micro Vulne...

DELETE

Figure 17

- To activate the imported alerts, select the respective checkbox in the **Active** column.

EventTracker displays message box.

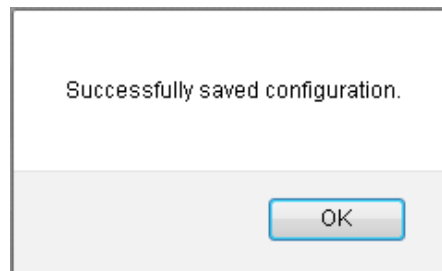


Figure 18


- Click **OK**, and then click the **Activate Now** button.




NOTE: Please specify appropriate **systems** in **alert configuration** for better performance.




Verify Knowledge Object


















- Click the **Admin** menu, and then click **Knowledge Objects**
- Scroll down and select **Trend Micro Vulnerability Protection** in **Objects** pane.
Imported Trend Micro Vulnerability Protection details are shown.



KNOWLEDGE OBJECTS

Search objects... 

OBJECTS   






GROUPS   

-  RSA SecurID Authen...
-  Sharepoint Server
-  Snort
-  Sonicwall Firewall
-  Sophos Email Appli...
-  Sophos Web Applian...
-  Sophos XG Firewall
-  SQL Server
-  Symantec EndPoint ...
-  Tenable Scanner
-  Teradata
-  Trend Micro Vulner...
-  Trend Micro Firewal...
-  Trend Micro System...
-  VMware
-  VMware New
-  VOIP

OBJECT NAME Trend Micro Firewall and IPS activities  

APPLIES TO Trend Micro Vulnerability Protection

RULES

TITLE	LOG TYPE	EVENT SOURCE	EVENT ID	EVENT TYPE
 Trend Micro VP- Firewall an...		syslog		   

MESSAGE SIGNATURE: (cn1.*?cn1Label.*?dvc.*?act=(|DS\)|Log|Deny|Allow|Bypass|Force(sAllow)/s.*dmac.*?smac(=|cn1.*?cn1Label.*?...

MESSAGE EXCEPTION

EXPRESSIONS





EXPRESSION TYPE	FORMAT STRING	EXPRESSION 1	EXPRESSION 2
Regular Expression		(? <key> \w+)=(: "(? <value> .*?...	 
Regular Expression	1:Action	(? <= \d+ \) \w.*?(? = \d+)	 

Figure 19

Token Template

1. Logon to **EventTracker Enterprise** web interface.
2. Click the **Admin** menu, and then click **Parsing Rules** and click **Template**.
3. Click on **Trend Micro Vulnerability Protection** group option.

PARSING RULE

Parsing Rule | Template

- Symantec Endpoint Pr...
- Syslog
- Tenable scanner
- Terminal Services
- Trend Micro
- Trend Micro InterSca...
- Trend Micro Vulnerab...**
- vCentre
- VMware
- WarFTP
- Websense WSG
- Windows
- Windows DNS Server

Group: Trend Micro Vulnerability Protection

Search...

TEMPLATE NAME	TEMPLATE DESCRIPTION	ADDED BY	ADDED DATE	ACTIVE	<input type="checkbox"/>	EDIT
Trend Micro VP- Comp...	Trend Micro VP Computer act...	ETAdmin	12/29/2017 3:07:40 PM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Trend Micro VP- Firewal...	Trend Micro VP- Firewall and L...	ETAdmin	1/2/2018 3:44:10 PM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Trend Micro VP- Login f...	Trend Micro VP Login failures	ETAdmin	12/29/2017 2:07:03 PM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Trend Micro VP- Rules a...	Trend Micro VP Rules and poli...	ETAdmin	1/2/2018 11:40:17 AM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Trend Micro VP- Syste...	Trend Micro VP System events	ETAdmin	1/2/2018 12:43:23 PM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Trend Micro VP- User a...	Trend Micro VP User activities	ETAdmin	12/29/2017 2:19:55 PM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Trend Micro VP- User lo...	Trend Micro VP User login an...	ETAdmin	12/29/2017 1:21:59 PM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

DELETE MOVE TO GROUP

Figure 20

Verify Flex Reports

1. Logon to **EventTracker Enterprise**.
2. Click the **Reports** menu, and then **Configuration**.
3. Select **Defined** in report type.
4. In **Report Groups Tree** to view imported Scheduled Reports, scroll down and click **Trend Micro Vulnerability Protection** group folder.

Scheduled Reports are displayed in the Reports configuration pane.

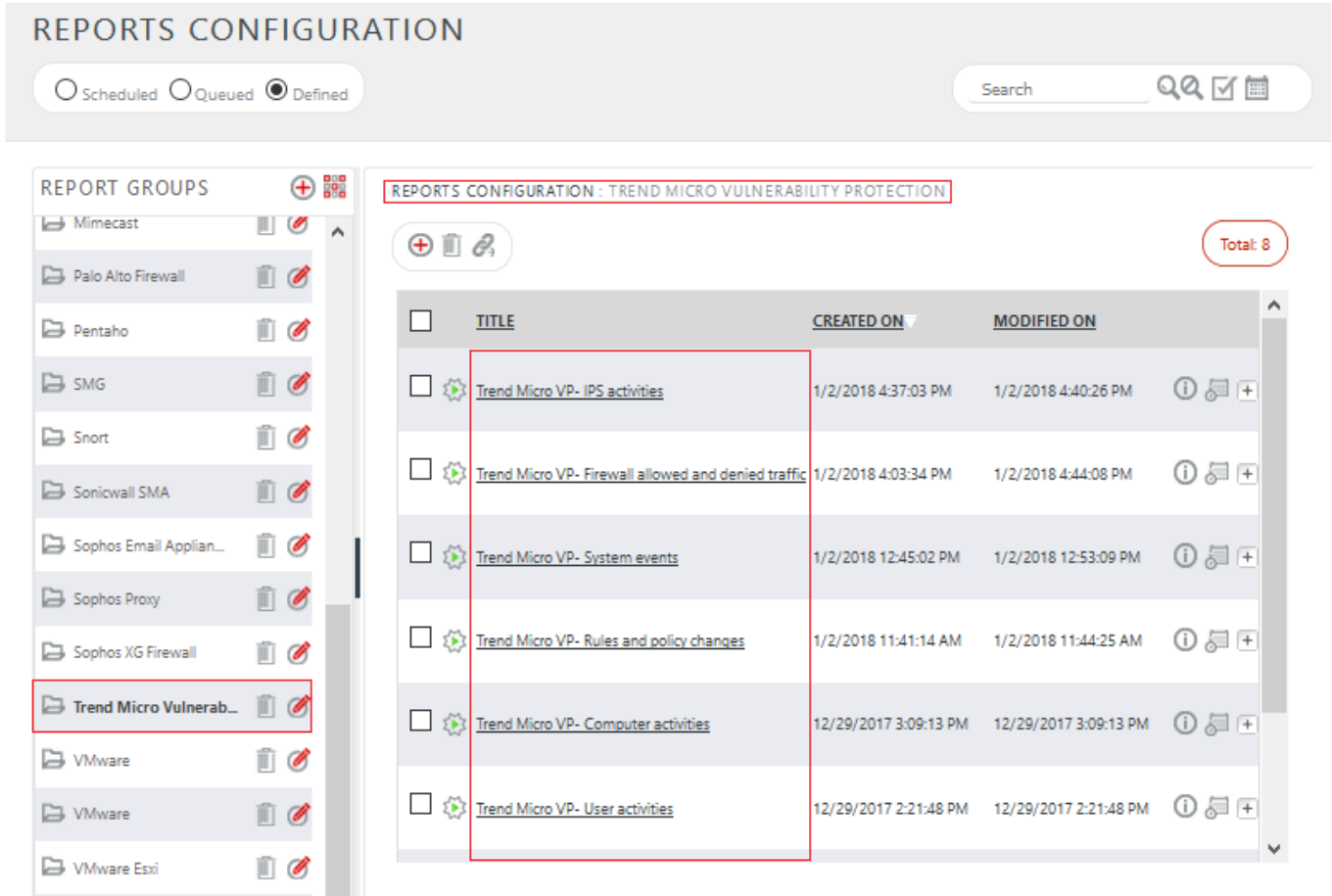


Figure 21

NOTE: Please specify appropriate **systems** in **report wizard** for better performance.

Create Dashboards in EventTracker

Schedule Reports

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

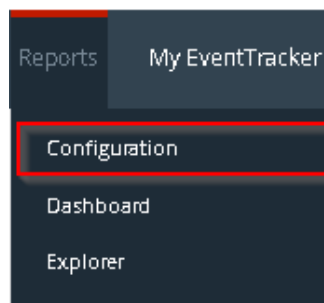


Figure 22

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

REPORTS CONFIGURATION

Scheduled Queued Defined Search

REPORT GROUPS

- Mimecast
- Palo Alto Firewall
- Pentaho
- SMG
- Snort
- Sonicwall SMA
- Sophos Email Applian...
- Sophos Proxy
- Sophos XG Firewall
- Trend Micro Vulnerab...**
- VMware
- VMware
- VMware Esxi

REPORTS CONFIGURATION : TREND MICRO VULNERABILITY PROTECTION Total: 8

<input type="checkbox"/>	TITLE	CREATED ON	MODIFIED ON	
<input type="checkbox"/>	Trend Micro VP- IPS activities	1/2/2018 4:37:03 PM	1/2/2018 4:40:26 PM	<input type="button" value="i"/> <input type="button" value="🔗"/> <input type="button" value="+"/>
<input type="checkbox"/>	Trend Micro VP- Firewall allowed and denied traffic	1/2/2018 4:03:34 PM	1/2/2018 4:44:08 PM	<input type="button" value="i"/> <input type="button" value="🔗"/> <input type="button" value="+"/>
<input type="checkbox"/>	Trend Micro VP- System events	1/2/2018 12:45:02 PM	1/2/2018 12:53:09 PM	<input type="button" value="i"/> <input type="button" value="🔗"/> <input type="button" value="+"/>
<input type="checkbox"/>	Trend Micro VP- Rules and policy changes	1/2/2018 11:41:14 AM	1/2/2018 11:44:25 AM	<input type="button" value="i"/> <input type="button" value="🔗"/> <input type="button" value="+"/>
<input type="checkbox"/>	Trend Micro VP- Computer activities	12/29/2017 3:09:13 PM	12/29/2017 3:09:13 PM	<input type="button" value="i"/> <input type="button" value="🔗"/> <input type="button" value="+"/>
<input type="checkbox"/>	Trend Micro VP- User activities	12/29/2017 2:21:48 PM	12/29/2017 2:21:48 PM	<input type="button" value="i"/> <input type="button" value="🔗"/> <input type="button" value="+"/>

Figure 23

3. Select **Trend Micro Vulnerability Protection** in report groups. Check **defined** dialog box.
4. Click on 'schedule' to plan a report for later execution.

REPORT WIZARD

TITLE: TREND MICRO VP- USER LOGIN AND LOGOUT LOGS

CANCEL < BACK NEXT >

Review cost details and configure the publishing options. Step 8 of 10

DISK COST ANALYSIS

Estimated time for completion: 00:00:36(HH:MM:SS)
Number of cab(s) to be processed: 3
Available disk space: 149 GB
Required disk space: 50 MB

Enable publishing option (Configure SMTP Server in manager configuration screen to use this option)
 Deliver results via E-mail
 Notify results via E-mail

To E-mail: [Use comma(,) to separate multiple e-mail recipients]

Update status via RSS: ▼

Show in: ▼

Persist data in Eventvault Explorer

Figure 24

5. Choose appropriate time for report execution and in **Step 8** check **Persist data in Eventvault explorer** box.

REPORT WIZARD

TITLE: TREND MICRO VP- USER LOGIN AND LOGOUT
DATA PERSIST DETAIL

CANCEL < BACK NEXT >

Select columns to persist Step 9 of 10

RETENTION SETTING

Retention period: days ⓘ

Persist in database only [Reports will not be published and will only be stored in the respective database]

SELECT COLUMNS TO PERSIST

COLUMN NAME	PERSIST
Manager Device Name	<input checked="" type="checkbox"/>
Source IP Address	<input checked="" type="checkbox"/>
Source User Name	<input checked="" type="checkbox"/>
Target Entity	<input checked="" type="checkbox"/>
Action	<input checked="" type="checkbox"/>

Figure 25

6. Check column names to persist using **PERSIST** checkboxes beside them. Choose suitable **Retention period**.
7. Proceed to next step and click **Schedule** button.
8. Wait for scheduled time or generate report manually.

Create Dashlets

1. **EventTracker 8** is required to configure flex dashboard.
2. Open **EventTracker** in browser and logon.

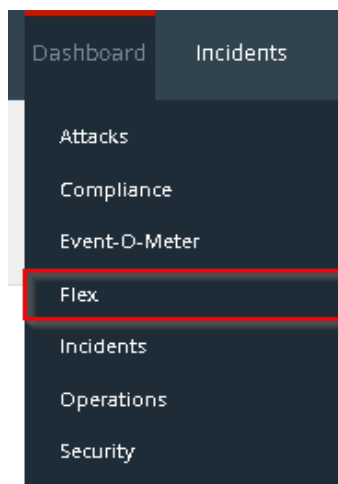


Figure 26

3. Navigate to **Dashboard>Flex**.
Flex Dashboard pane is shown.

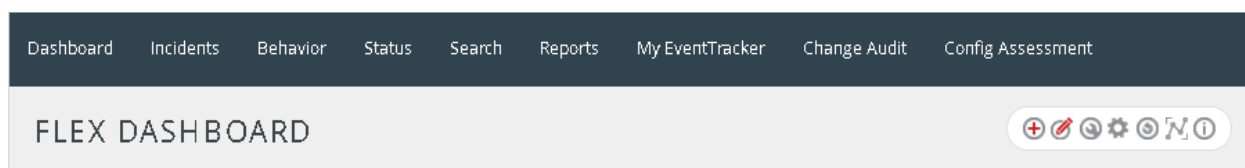


Figure 27

4. Click **+** to add a new dashboard.
Flex Dashboard configuration pane is shown.

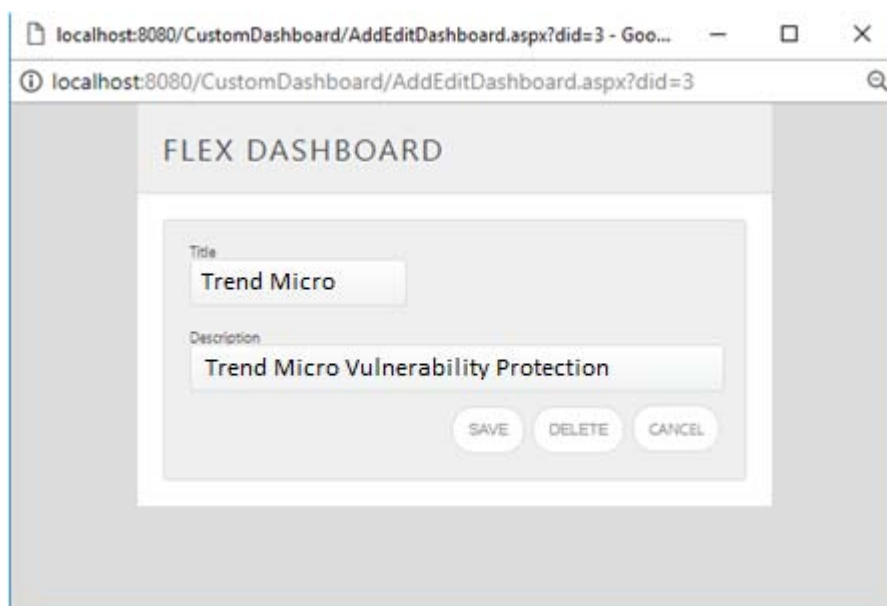

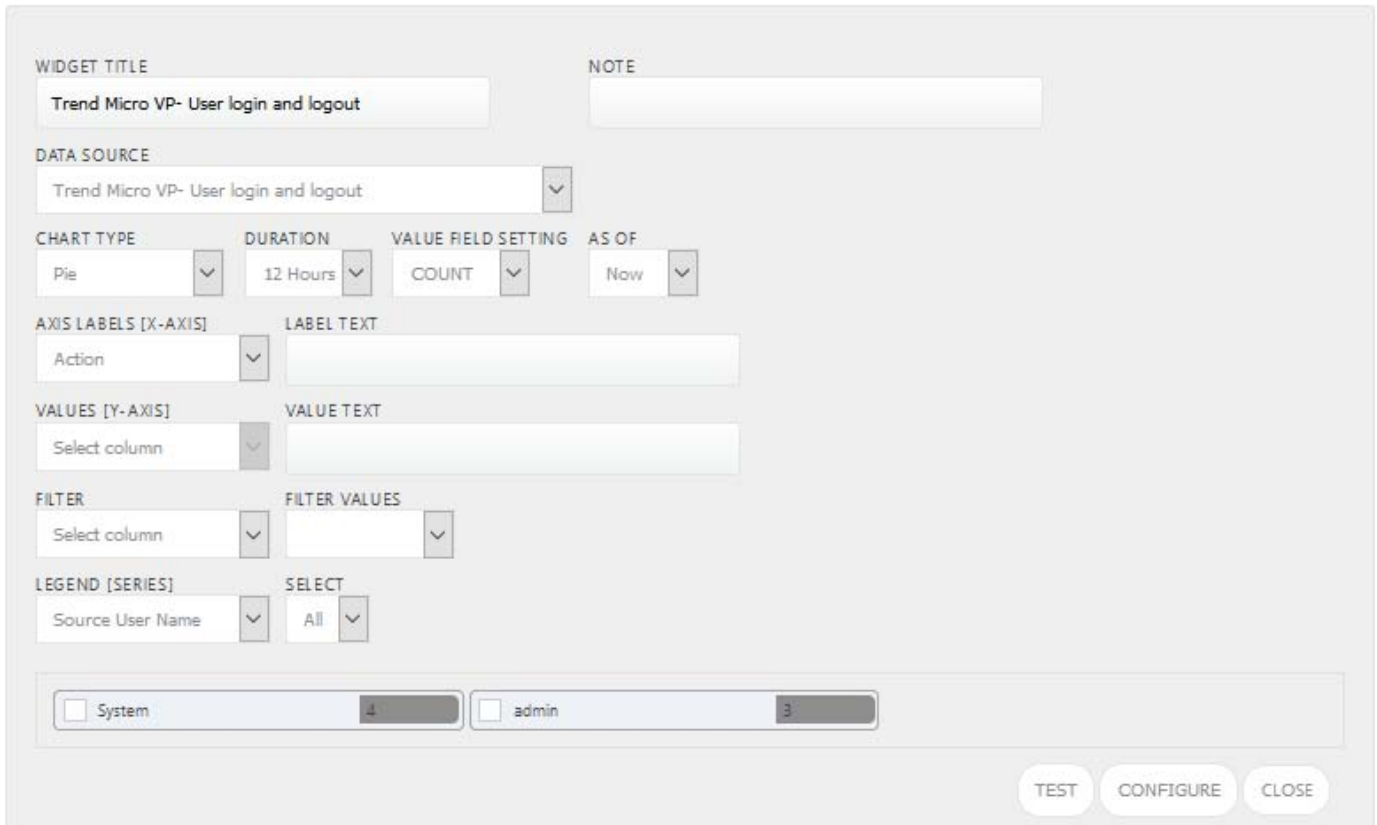


Figure 28

5. Fill fitting title and description and click **Save** button.
6. Click  to configure a new flex dashlet.
Widget configuration pane is shown.

WIDGET CONFIGURATION



WIDGET TITLE: Trend Micro VP- User login and logout

NOTE:

DATA SOURCE: Trend Micro VP- User login and logout

CHART TYPE: Pie

DURATION: 12 Hours

VALUE FIELD SETTING: COUNT

AS OF: Now

AXIS LABELS [X-AXIS]: Action

LABEL TEXT:

VALUES [Y-AXIS]: Select column

VALUE TEXT:

FILTER: Select column

FILTER VALUES:

LEGEND [SERIES]: Source User Name

SELECT: All

System: 4

admin: 3

TEST CONFIGURE CLOSE

Figure 29

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

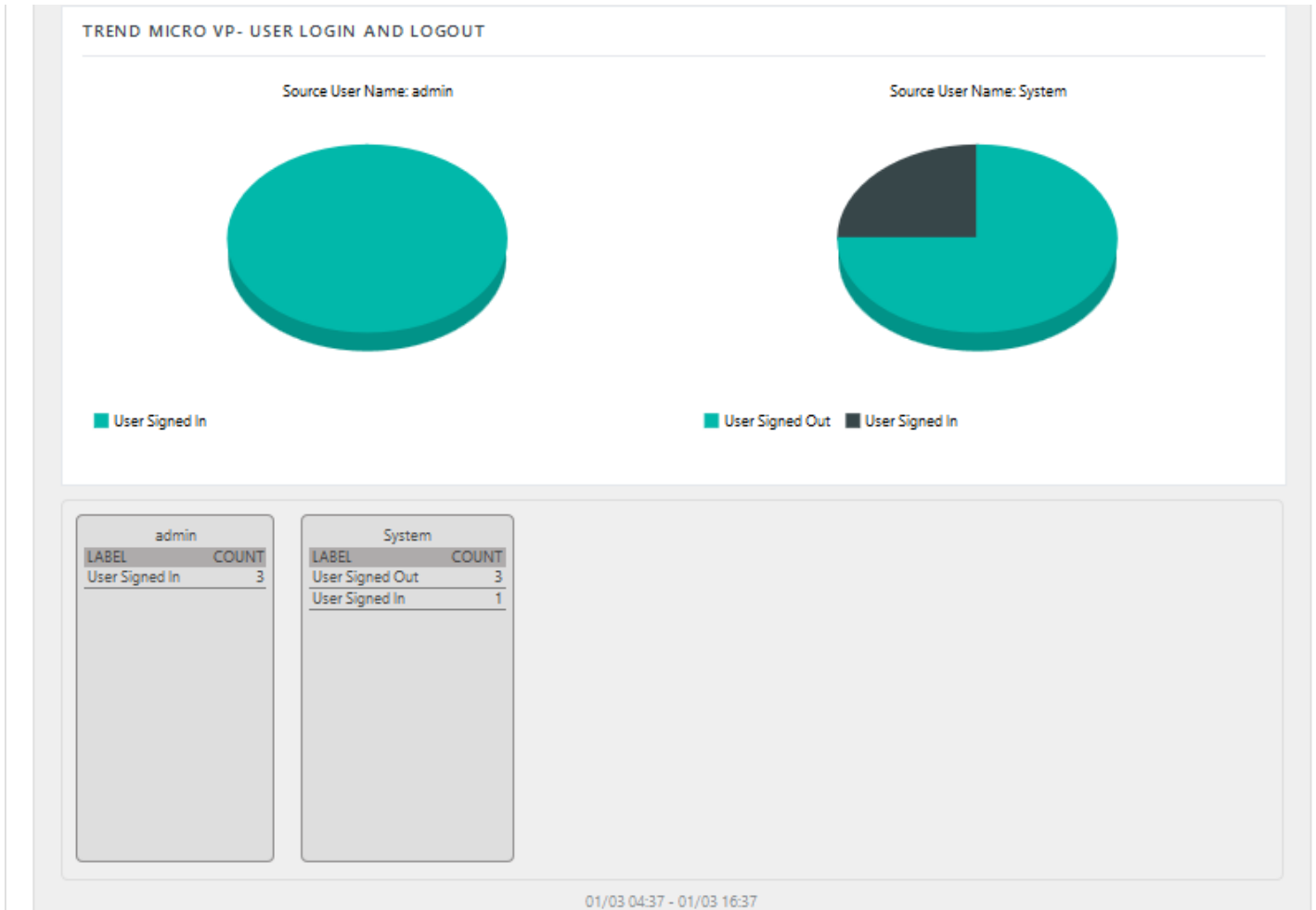


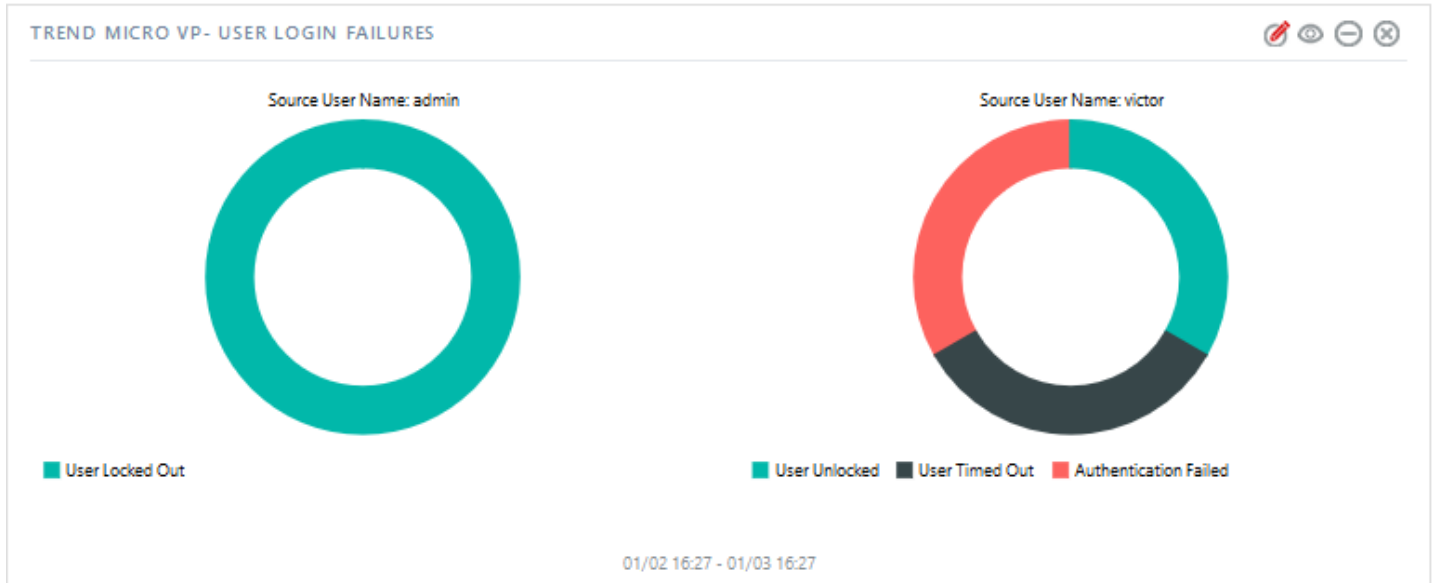


Figure 30

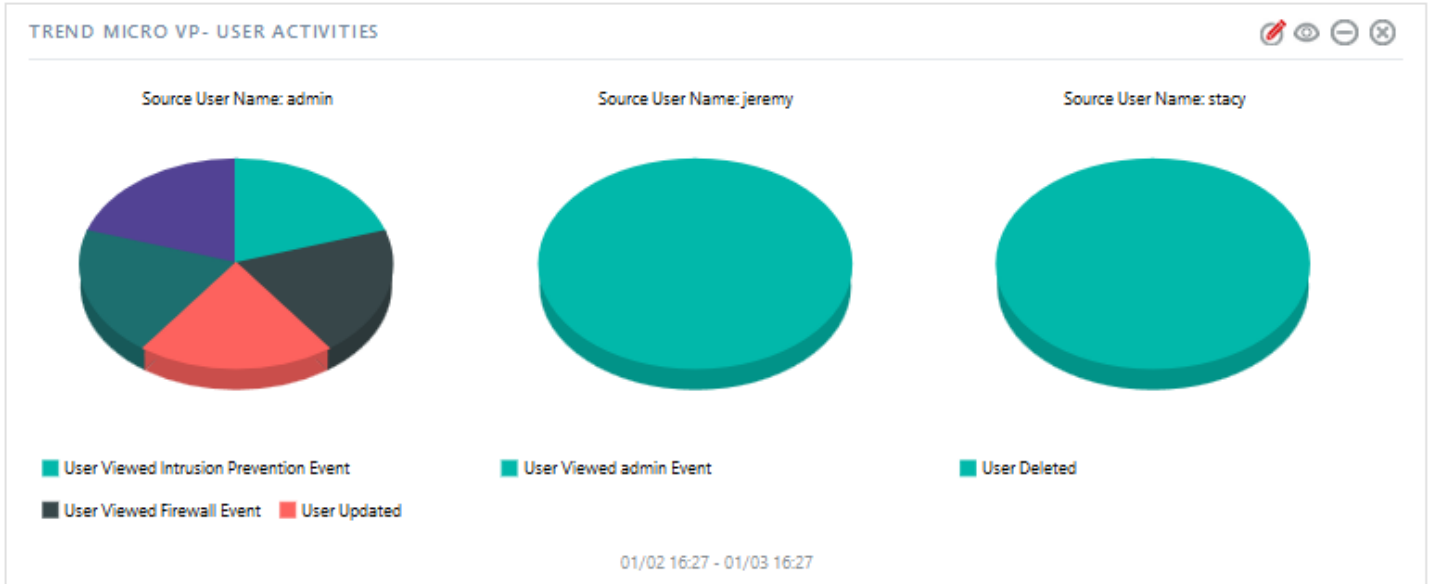
16. If satisfied, Click **Configure** button.
17. Click 'customize'  to locate and choose created dashlet.
18. Click  to add dashlet to earlier created dashboard.

Sample Dashboards

- **REPORT:** Trend Micro Vulnerability Protection- User login failures
WIDGET TITLE: Trend Micro Vulnerability Protection- User login failures
CHART TYPE: Donut
AXIS LABELS [X-AXIS]: Action
LEGEND [SERIES]: Source IP Address



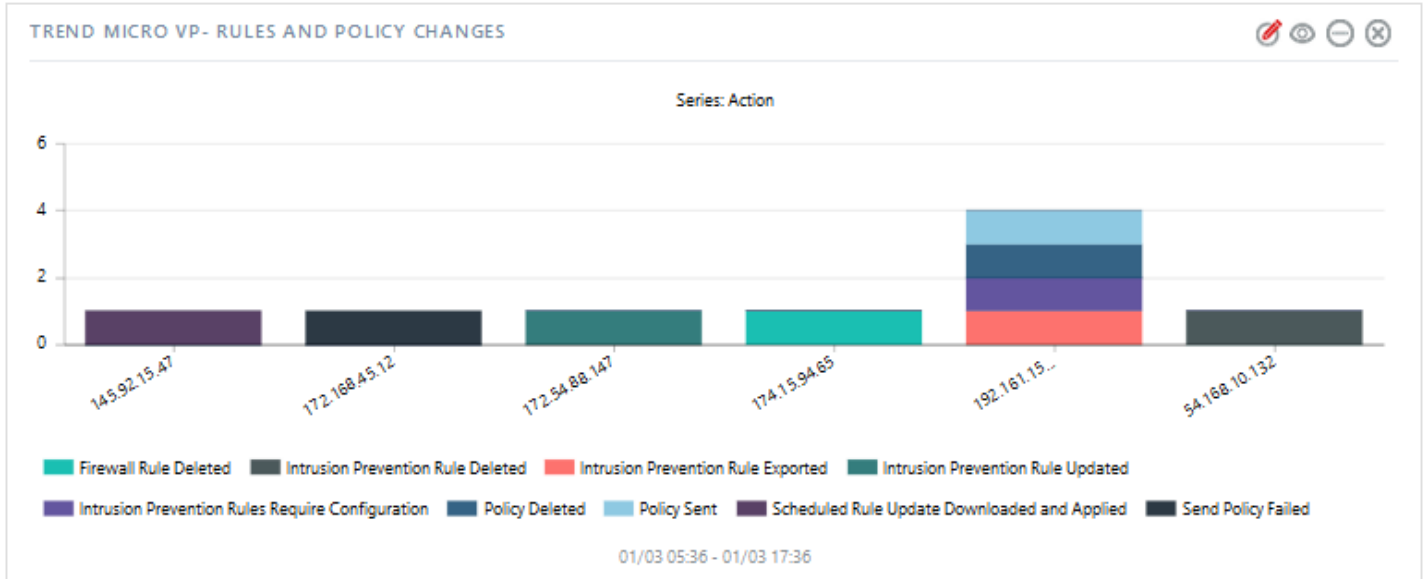
- **REPORT: Trend Micro Vulnerability Protection- User activities**
WIDGET TITLE: Trend Micro Vulnerability Protection- User activities
CHART TYPE: Pie
AXIS LABELS [X-AXIS]: Event Name
LEGEND [SERIES]: Source User Name



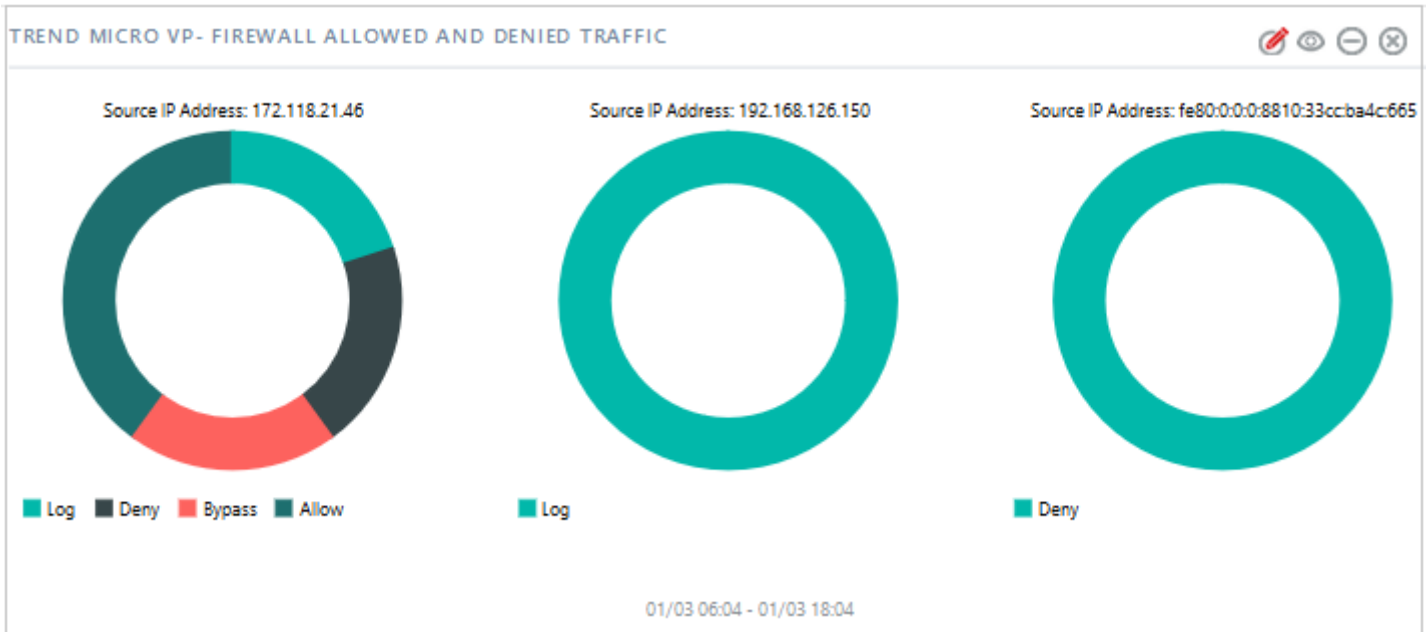
- **REPORT: Trend Micro Vulnerability Protection- System activities**
WIDGET TITLE: Trend Micro Vulnerability Protection- System activities
CHART TYPE: Donut
AXIS LABELS [X-AXIS]: Action
LEGEND [SERIES]: Target Entity



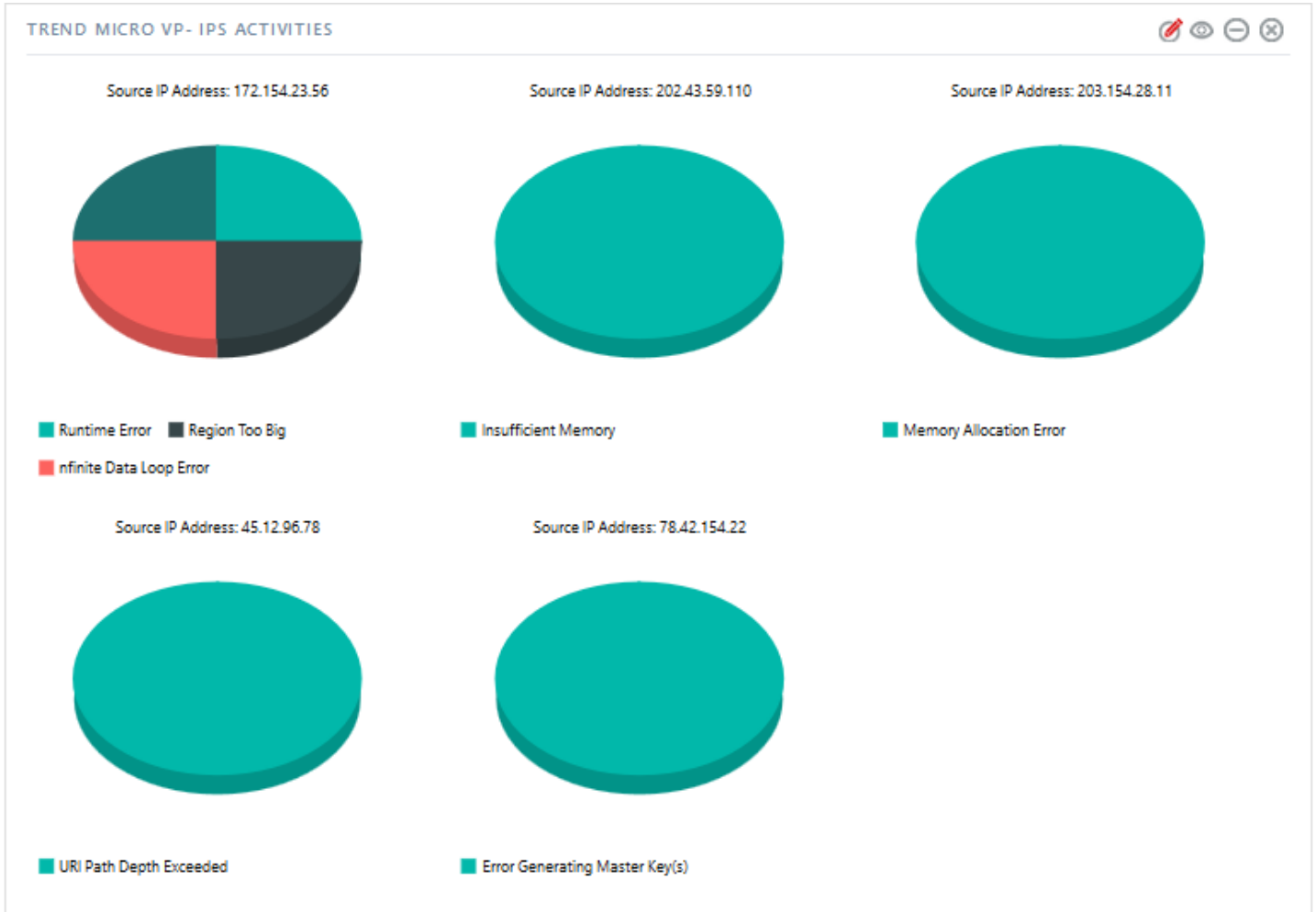
- REPORT: Trend Micro Vulnerability Protection- Rules and policy changes**
WIDGET TITLE: Trend Micro Vulnerability Protection- Rules and policy changes
CHART TYPE: Stacked Column
AXIS LABELS [X-AXIS]: Action
LEGEND [SERIES]: Target Entity



- REPORT: Trend Micro Vulnerability Protection- Firewall allowed and denied traffic**
WIDGET TITLE: Trend Micro Vulnerability Protection- Firewall allowed and denied traffic
CHART TYPE: Donut
AXIS LABELS [X-AXIS]: Action
LEGEND [SERIES]: Source IP Address



- **REPORT: Trend Micro Vulnerability Protection- IPS activities**
WIDGET TITLE: Trend Micro Vulnerability Protection- IPS activities
CHART TYPE: Pie
AXIS LABELS [X-AXIS]: Source IP Address
LEGEND [SERIES]: Event Name



- **REPORT: Trend Micro Vulnerability Protection- Computer activities**
WIDGET TITLE: Trend Micro Vulnerability Protection- Computer activities
CHART TYPE: Pie
AXIS LABELS [X-AXIS]: Action
LEGEND [SERIES]: Target Entity

