

Integrate EventTracker Endpoint Security

EventTracker v9.2x and above

Abstract

This guide provides instructions to configure EventTracker Endpoint Security to send its logs to EventTracker.

Scope

The configuration details in this guide are consistent with EventTracker version v9.2x or above and **EventTracker Endpoint Security**

Audience

Administrators who are assigned task to monitor EventTracker Endpoint Security events using EventTracker.

The information contained in this document represents the current view of Netsurion on the issues discussed as of the date of publication. Because Netsurion must respond to changing market conditions, it should not be interpreted to be a commitment on the part of Netsurion, and Netsurion cannot guarantee the accuracy of any information presented after the date of publication.

This document is for informational purposes only. Netsurion MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AS TO THE INFORMATION IN THIS DOCUMENT.

Complying with all applicable copyright laws is the responsibility of the user. Without limiting the rights under copyright, this paper may be freely distributed without permission from Netsurion, if its content is unaltered, nothing is added to the content and credit to Netsurion is provided.

Netsurion may have patents, patent applications, trademarks, copyrights, or other intellectual property rights covering subject matter in this document. Except as expressly provided in any written license agreement from Netsurion, the furnishing of this document does not give you any license to these patents, trademarks, copyrights, or other intellectual property.

The example companies, organizations, products, people and events depicted herein are fictitious. No association with any real company, organization, product, person or event is intended or should be inferred.

© 2021 Netsurion. All rights reserved. The names of actual companies and products mentioned herein may be the trademarks of their respective owners.

Table of Contents

1. Overview.....	3
2. Prerequisites.....	3
3. Integration of EventTracker Endpoint Security with EventTracker	3
3.1 Integration can be performed via syslog configuration	3
4. EventTracker Knowledge Pack	5
4.1 Category.....	5
4.2 Alert	5
4.3 Report	5
4.4 Dashboards	7
5. Importing EventTracker Endpoint Security knowledge pack into EventTracker	13
5.1 Category.....	14
5.2 Alert	15
5.3 Token template.....	16
5.4 Knowledge Object.....	17
5.5 Report	19
5.6 Dashboards	20
6. Verifying EventTracker Endpoint Security knowledge pack in EventTracker	22
6.1 Category.....	22
6.2 Alert	23
6.3 Token templates	24
6.4 Knowledge Object.....	25
6.5 Report	26
6.6 Dashboards	26

1. Overview

EventTracker Endpoint Security provides a predictive threat prevention platform by applying deep learning with its advanced artificial intelligences to cybersecurity.

Its on-device solution protects against zero-day threats and APT attacks with unmatched accuracy. It safeguards the enterprise's endpoints and mobile devices against threats on any infrastructure and provides protection against unknown and evasive cyber-attacks.

EventTracker helps to monitor events from EventTracker Endpoint Security. Its dashboard displays information for EventTracker Endpoint Security and Endpoint Security. Dashboard shows any threat detected and prevented on hosts, login activities, top high-risk users and hosts, malware family detected.

EventTracker reports will provide threat activity, administrator activity and login activity information containing username, hostname, Ip, virus/malware and other important details.

EventTracker's built-in knowledge pack enables you to gather business intelligence providing increased security, performance, availability, and reliability of your systems.

2. Prerequisites

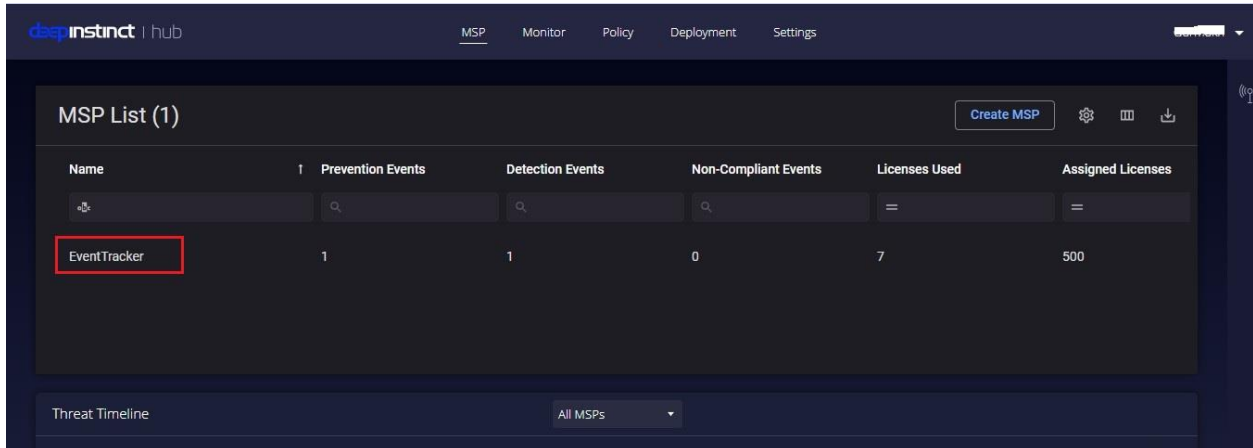
- Admin privileges for **EventTracker Endpoint Security**.
- **EventTracker agent** should be installed in the system.

3. Integration of EventTracker Endpoint Security with EventTracker

3.1 Integration can be performed via syslog configuration

Follow the below steps to configure syslog.

1. Login to the EventTracker Endpoint Security console.
2. Click on the MSP Name.

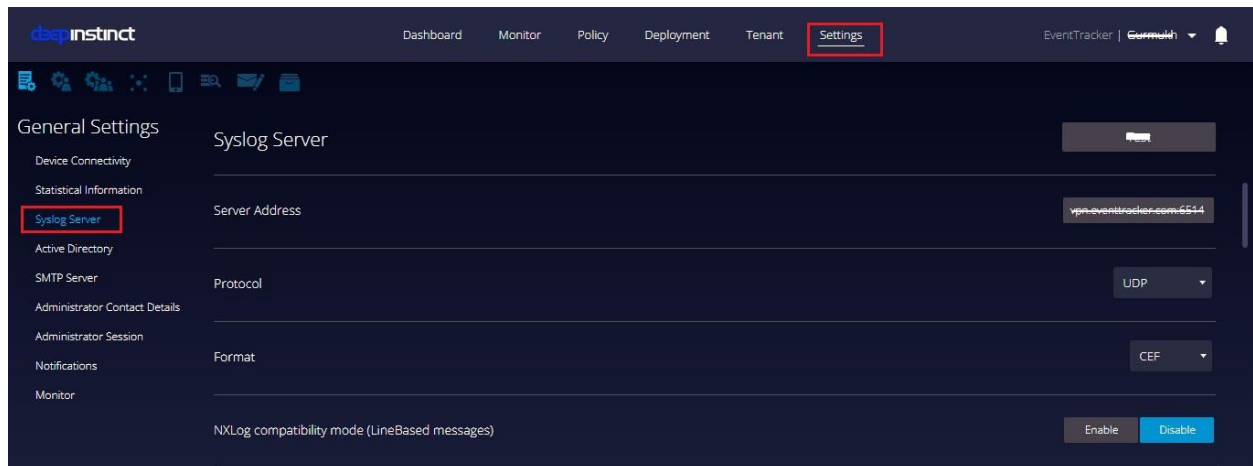


The screenshot shows the 'MSP List (1)' interface in the deepinstinct I hub. It features a table with columns for Name, Prevention Events, Detection Events, Non-Compliant Events, Licenses Used, and Assigned Licenses. The 'EventTracker' MSP is highlighted with a red box. Below the table is a 'Threat Timeline' section with a dropdown for 'All MSPs'.

Name	Prevention Events	Detection Events	Non-Compliant Events	Licenses Used	Assigned Licenses
EventTracker	1	1	0	7	500

Figure 1

3. A new page opens, go to **setting > syslog server**.
4. Fill in the required details:



The screenshot shows the 'Settings' page in the deepinstinct I hub, specifically the 'Syslog Server' configuration section. The 'Syslog Server' option is highlighted with a red box in the left sidebar. The configuration fields include 'Server Address' (yprventracker.com:6514), 'Protocol' (UDP), 'Format' (CEF), and 'NXLog compatibility mode (LineBased messages)' (Enable/Disable).

Figure 2

- Syslog Server as **Manager Name**
- Server Address as **EventTracker Manager IP**
- Protocol as **UDP**.
- Format as **CEF**.

Integration is complete, EventTracker will receive EventTracker Endpoint Security logs.

4. EventTracker Knowledge Pack

After receiving the logs from EventTracker manager, knowledge packs can be configured into EventTracker.

The following knowledge packs are available in EventTracker to support EventTracker Endpoint Security.

4.1 Category

- **EventTracker Endpoint Security: login failed** - This category provides information related to login failure detected in EventTracker Endpoint Security.
- **EventTracker Endpoint Security: Login/Logout activity** – This category provides information related to all login and logout activity performed in EventTracker Endpoint Security.
- **EventTracker Endpoint Security: Non-Compliant Events** – This category provides information related to all the Non-Compliant related activity.
- **EventTracker Endpoint Security: Threat Detected** – This category provides information related to all the security events detected by EventTracker Endpoint Security.
- **EventTracker Endpoint Security: Security Event Prevented** – This category provides information related to all the security events prevented by EventTracker Endpoint Security.
- **EventTracker Endpoint Security: Policy Management** - This category provides information related to all policy management activity.
- **EventTracker Endpoint Security: Whitelist/Blacklist Activity** - This category provides information related to all whitelist/blacklist activities.

4.2 Alert

- **EventTracker Endpoint Security: Login failed** - This alert is generated when any login failure is detected in EventTracker Endpoint Security.
- **EventTracker Endpoint Security: Threat Detected** – This alert is generated when any security event/attack is detected.
- **EventTracker Endpoint Security: Non-Compliant event** – This alert is generated when any non-compliant event is detected.
- **EventTracker Endpoint Security: Threat Prevented** – This alert is generated when any threat is prevented.

4.3 Report

- **EventTracker Endpoint Security Threat Activity Report**- This report provides information about all the security events such as malware/virus or any attack is detected. Report contains username, source IP,

hostname, mac address, file path , filetype, attack type and various details which can be useful for further analysis.

LogTime	Computer	Destination host name	File Hash	File Name	File Path	File Type	OS Name	Source host name	Source IP	Source Mac address	Threat Category
05/04/2020 10:53:37 AM	172.xxx.xxx-SYSLOG	35.xxx.xxx	a0ca7408216f502373218f395d1e0 054643ef2c42c468626285392a17	ET90U19-075.zip	C:\Users\likunal\Downloads\ET90U19-075.zip	ZIP	Windows	IVORY	192.xxx.xxx	18:5E:0F:D0:33:xx	Pua
05/04/2020 10:53:37 AM	172.xxx.xxx-SYSLOG	35.xxx.xxx	722800ed0d8845add5abf1ecdc90 9a5f154b81f0e82920b247f1d17f42	ET90U19-060.exe	C:\Users\likunal\Downloads\ET90U19-060.exe	PE	Windows	IVORY	192.xxx.xxx	18:5E:0F:D0:33:xx	Pua
05/04/2020 10:53:37 AM	172.xxx.xxx-SYSLOG	35.xxx.xxx	dce057a7eeea266a1cb0530505d0 8eed458284b30e25dab47c7ae14	ISRT.dll	C:\Program	PE	Windows	IVORY	192.xxx.xxx	18:5E:0F:D0:33:xx	Pua

Figure 3

- **EventTracker Endpoint Security Login Activity Report** – This report provides information related to all the login and logout activity detected in EventTracker Endpoint Security. Report contains username, source IP and activity details along with other information.

LogTime	EventId	Computer	Action	Destination host name	Message	Source host name	Source IP	EventDescription
05/04/2020 03:17:15 PM	128	172.xxx.xxx-SYSLOG	Login	35.xxx.xxx	"ananth802" logged in.	35.xxx.xxx	35.xxx.xxx	May 04 15:17:15 172.27.100.13 Apr 29 10:17:50 93 1 2020-04-29T14:17:50.530Z 35.237.214.93 D-Appliance -
05/04/2020 03:17:15 PM	128	172.xxx.xxx-SYSLOG	Login	35.xxx.xxx	"Nishan" logged in.	35.xxx.xxx	35.xxx.xxx	May 04 15:17:15 172.27.100.13 Apr 29 10:17:50 93 1 2020-04-29T14:17:50.530Z 35.237.214.93 D-Appliance -
05/04/2020 03:17:15 PM	128	172.xxx.xxx-SYSLOG	Logout	35.xxx.xxx	"ananth802" logged out.	35.xxx.xxx	35.xxx.xxx	May 04 15:17:15 172.27.100.13 Apr 29 10:17:50 93 1 2020-04-29T14:17:50.530Z 35.237.214.93 D-Appliance -

Figure 4

- **EventTracker Endpoint Security Administrator Activity Report**- This report provides information about all the administrator activity performed. Report contains admin username, source IP, hostname, activity details along with other useful information.

LogTime	EventId	Computer	Destination host name	Message	Source host name	Source IP	Source user name
05/04/2020 11:47:15 AM	128	172.xxx.xxx-SYSLOG	35.xxx.xxx	The HashBlackList item: "d199729edb663e3d9d7125d9aee"	35.xxx.xxx	35.xxx.xxx	kshah
05/04/2020 10:53:37 AM	128	172.xxx.xxx-SYSLOG	35.xxx.xxx	The HashBlackList item: "d199729edb663e3d9d7125d9aee"	35.xxx.xxx	35.xxx.xxx	kshah
05/04/2020 11:36:48 AM	128	172.xxx.xxx-SYSLOG	35.xxx.xxx	The HashBlackList item: "d199729edb663e3d9d7125d9aee"	35.xxx.xxx	35.xxx.xxx	kshah

Figure 5

- **Logs Considered**

action	+ - Detected
category	+ - SecurityEvent_Detected
dest_ip_address	+ - 1.1.1.1
dest_ip_address_geoip.city_name	
dest_ip_address_geoip.continent_name	+ - Oceania
dest_ip_address_geoip.country_iso_code	+ - AU
dest_ip_address_geoip.region_name	
dest_ip_address_geoip.location.lat	+ - -33.494
dest_ip_address_geoip.location.lon	+ - 143.2104
device_id	+ - 206
device_name	+ - D-Appliance
device_version	+ - 2.3.0.0ecf2b6383418e9dead38c8de675f63a96747e78d
event_category	+ - 0
event_computer	+ - 172.27.100.13-syslog
event_datetime	+ - 5/5/2020 10:17:50 AM
event_datetime_utc	+ - 1588654070
event_description	May 05 10:17:50 172.27.100.13 2019-07-08T00:36:07.775Z 1.1.1.1 D-Appliance - SecurityEvent_Detected[Man-in-the-middle]1[act=Detected dvchost=1.1.1.1 dhost=Pixel+2+XL dst=192.168.0.0:36:07 cs1=Android cs1Label=OS Name msg=Detected an SSL man-in-the-middle attack
event_group_name	+ - Default
event_id	+ - 128
event_log_type	+ - Application
event_source	+ - SYSLOG local0
event_type	+ - Error
event_user_domain	+ - N/A
event_user_name	+ - N/A
log_source	+ - Deep Instinct
log_type	+ - Man-in-the-middle
object_name	+ - Deep Instinct
object_type	+ - Android
source_type	+ - Deep Instinct
src_host_name	+ - Pixel+2+XL
src_ip_address	+ - 192.168.0.1
src_mac_address	+ - 7:7:7:7:7:7
src_user_name	+ - None

Figure 6

4.4 Dashboards

EventTracker Endpoint Security Dashboard

- EventTracker Endpoint Security: Login Failed



Figure 7

- EventTracker Endpoint Security: Login and Logout Activities

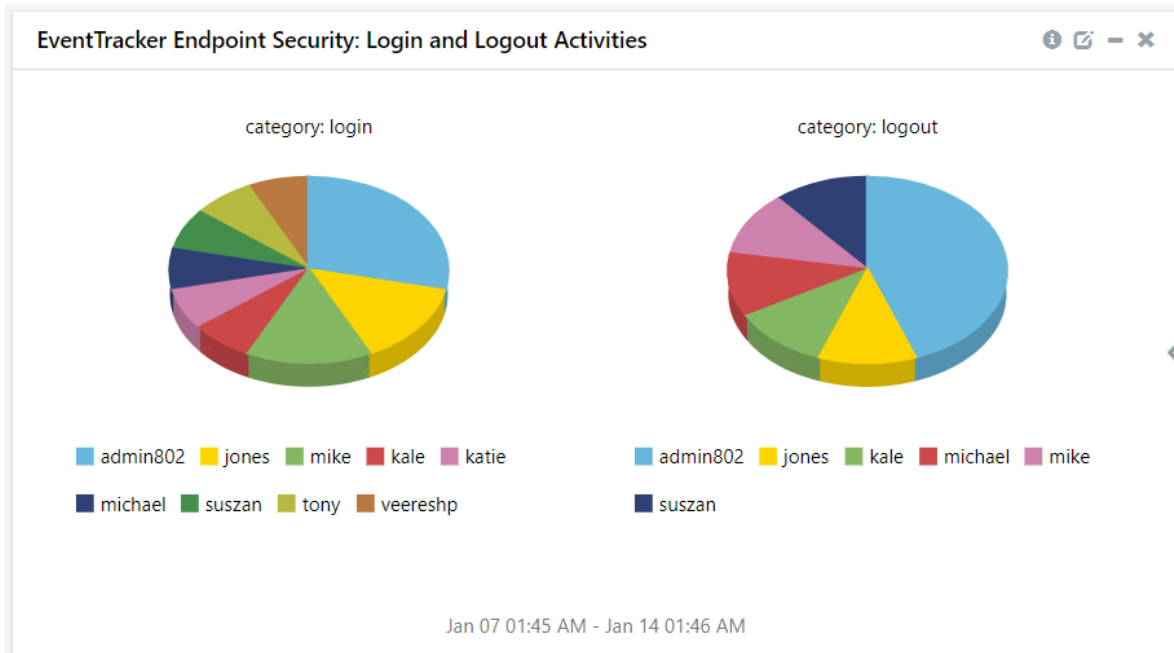


Figure 8

- EventTracker Endpoint Security: Events Detected by Category

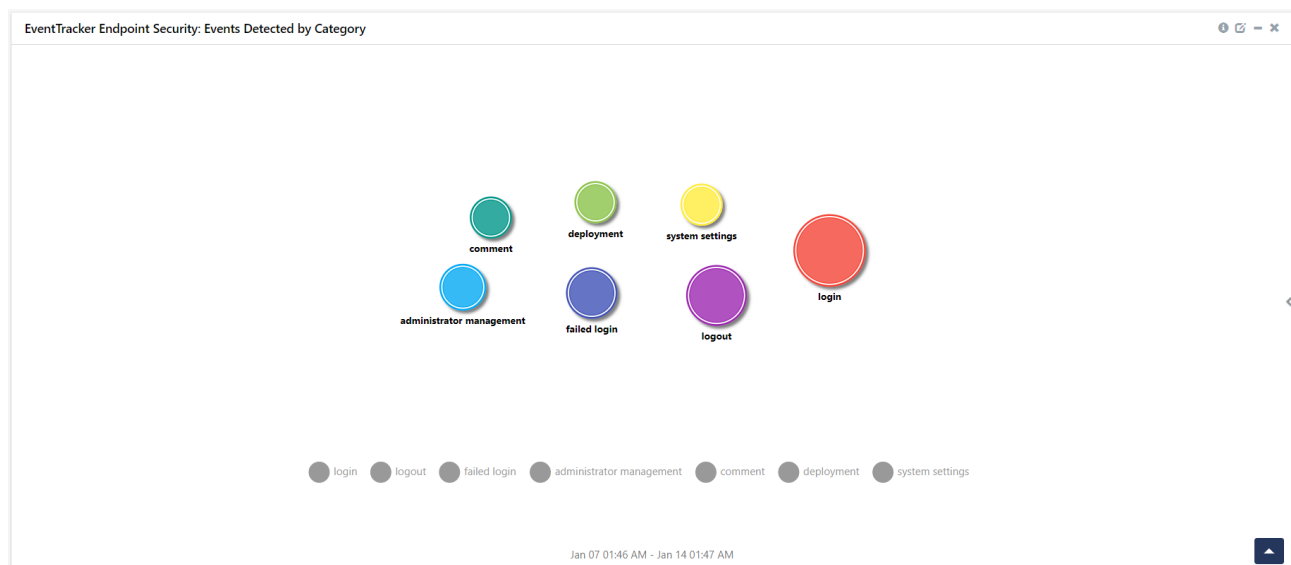


Figure 9

- **EventTracker Endpoint Security: Login by Geolocation**



Figure 10

Endpoint Security Dashboard

- **EventTracker Endpoint Security: Non-Compliant Events Detected on Host**

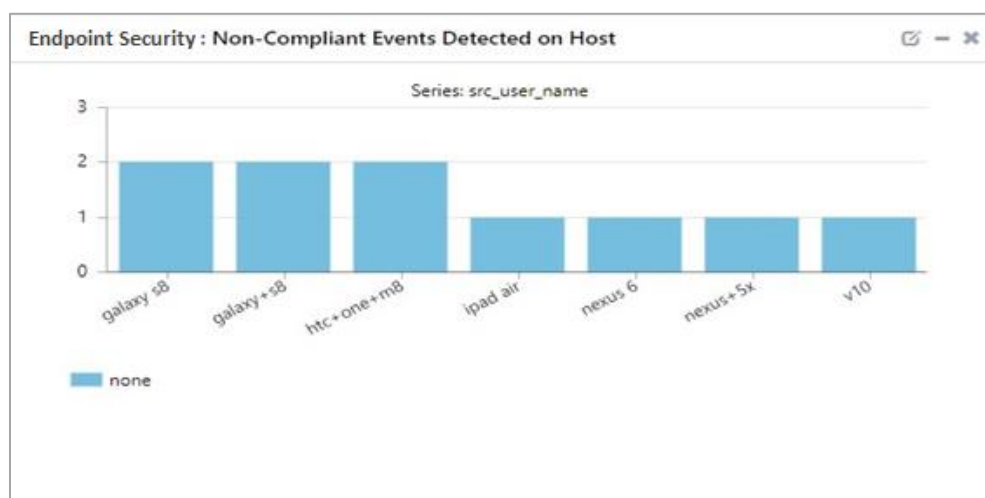


Figure 11

- EventTracker Endpoint Security: File Detected Info

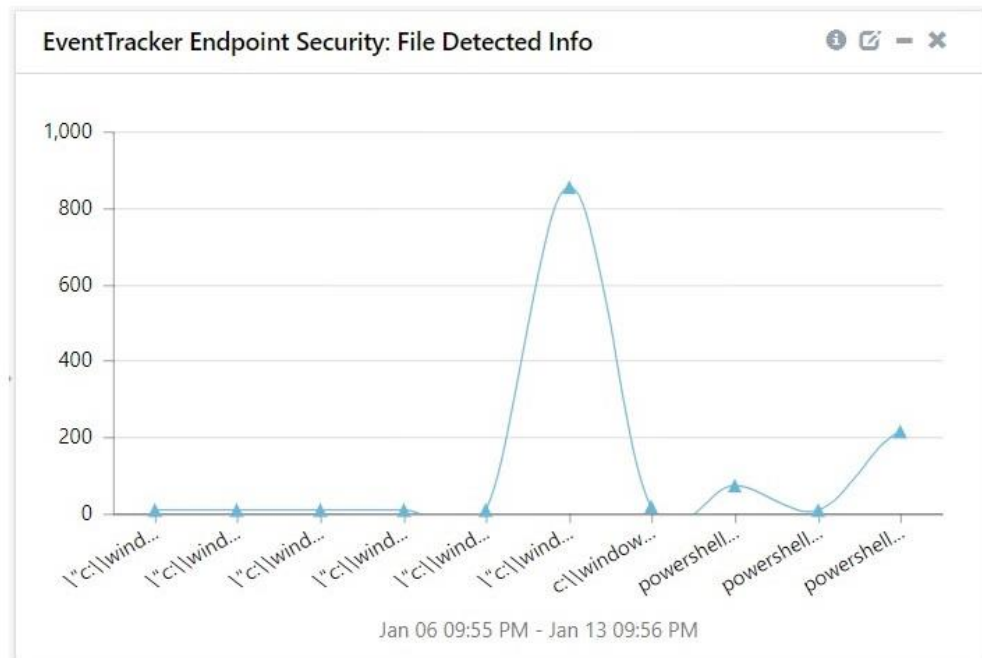


Figure 12

- EventTracker Endpoint Security: Filename Detected

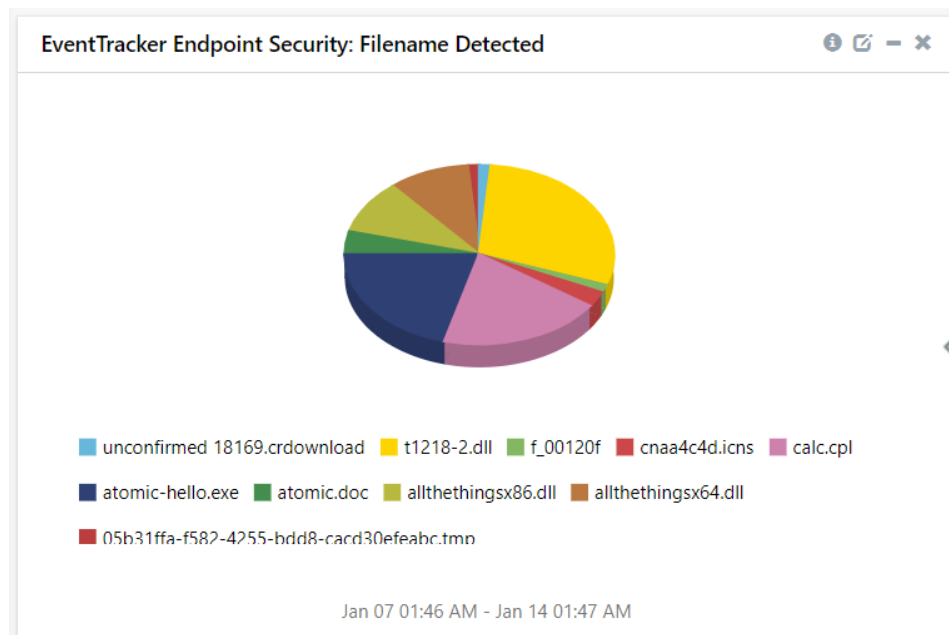


Figure 13

- EventTracker Endpoint Security: Top High-Risk Users

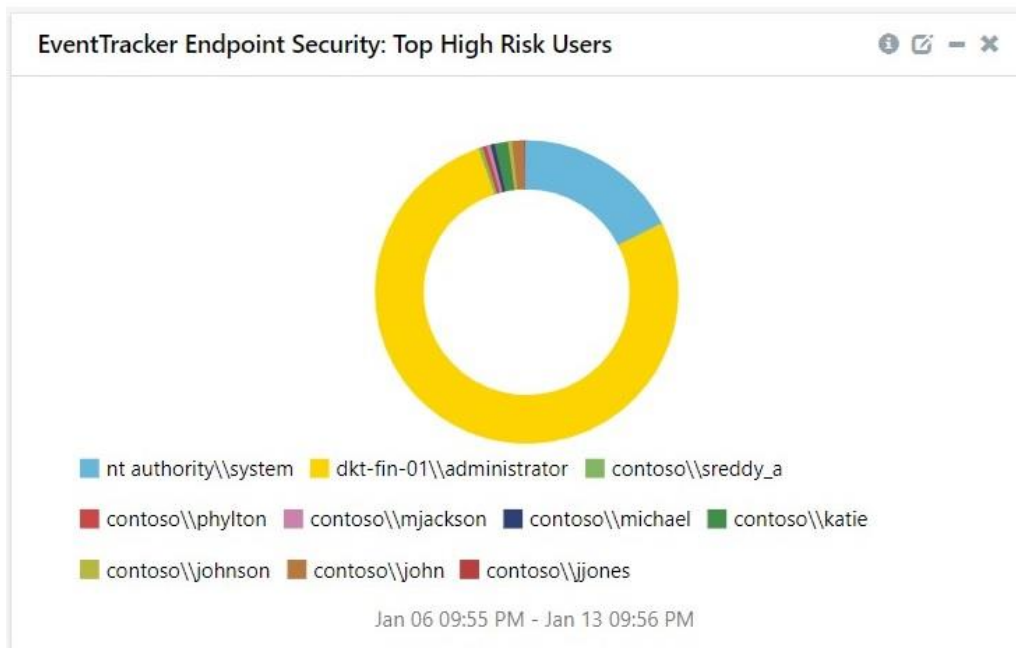


Figure 14

- EventTracker Endpoint Security: Top High-Risk Host

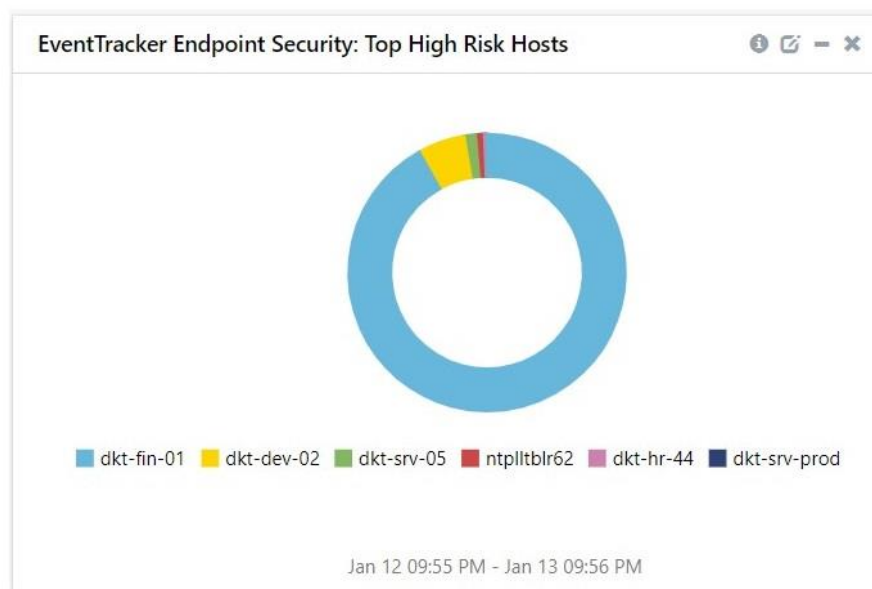


Figure 15

- EventTracker Endpoint Security: Security Event Detected on Host

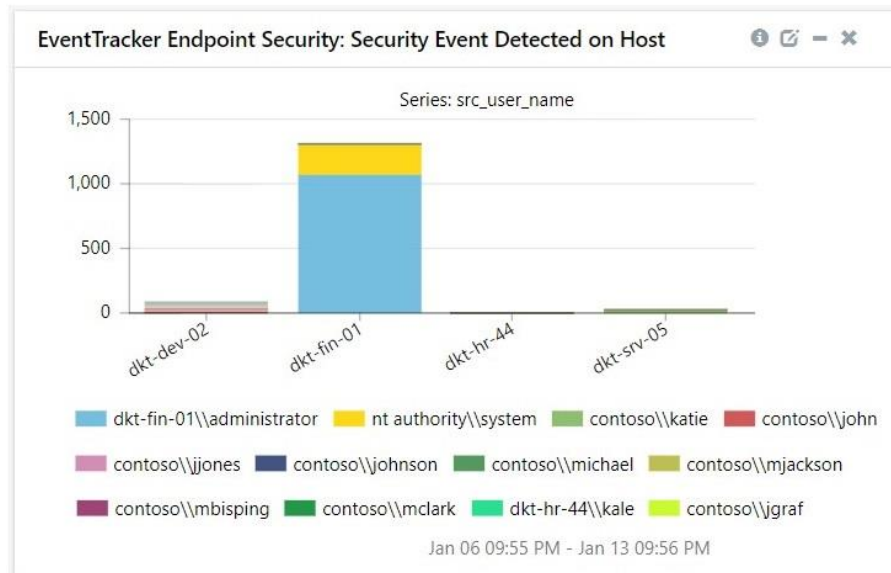


Figure 16

- EventTracker Endpoint Security: File Type Detected by Security Events

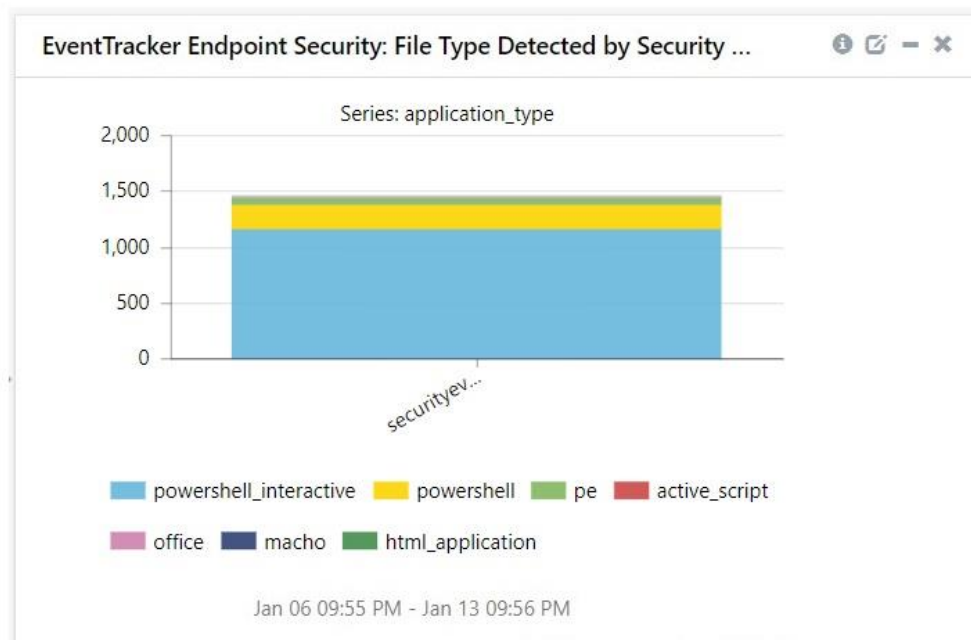


Figure 17

- **EventTracker Endpoint Security: Malware Family Detected on Hostname**

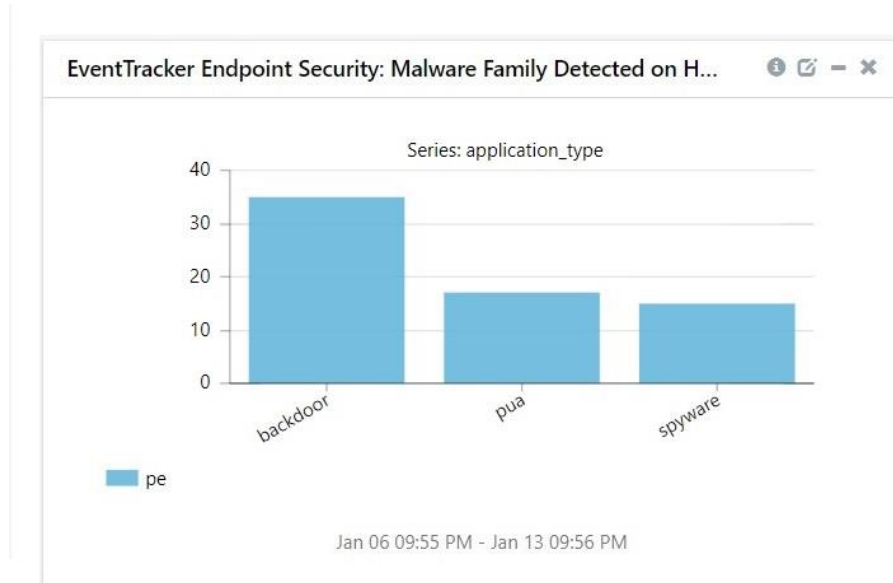


Figure 18

5. Importing EventTracker Endpoint Security knowledge pack into EventTracker

NOTE: Import knowledge pack items in the following sequence:

- Category
- Alert
- Token template
- Knowledge Object
- Report
- Dashboard

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

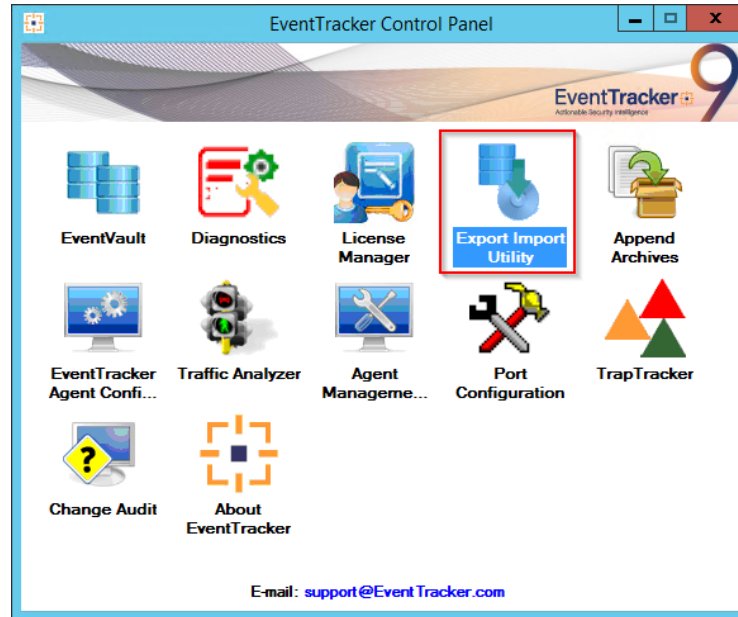



Figure 19

3. Click the **Import** tab.

5.1 Category

1. Click **Category** option and click **Browse** .

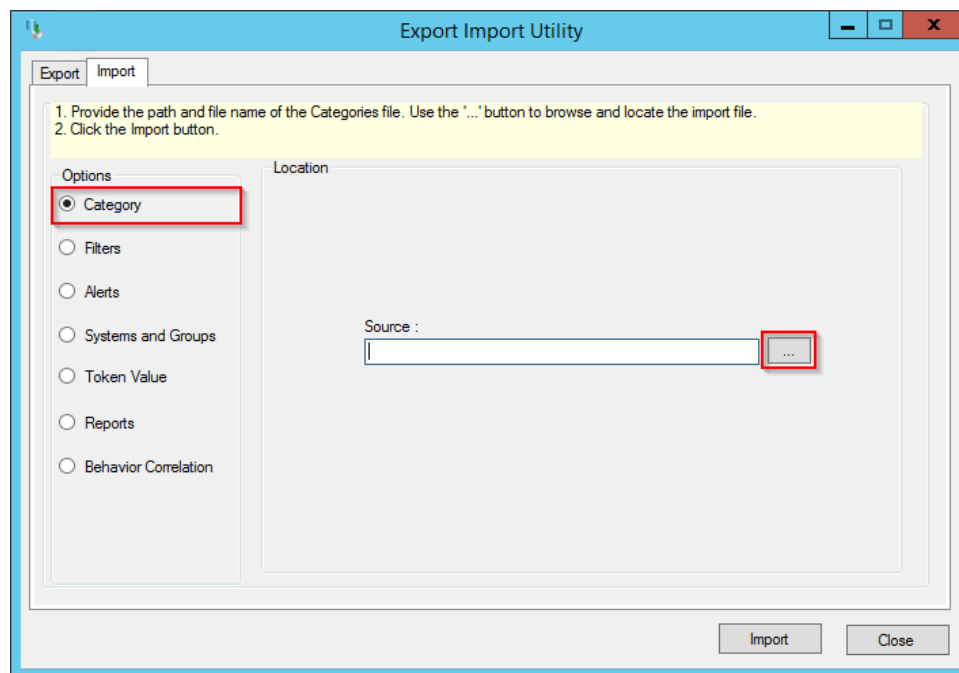


Figure 20

2. Locate **Categories_EventTracker Endpoint Security.iscat** file and click **Open**.
3. To import categories, click **Import**.

EventTracker displays success message.

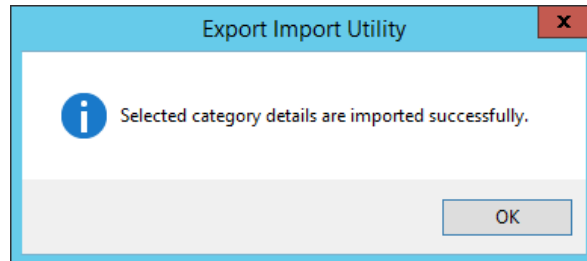



Figure 21

4. Click **OK** and click **Close**.

5.2 Alert

1. Click **Alert** option and click **Browse** .

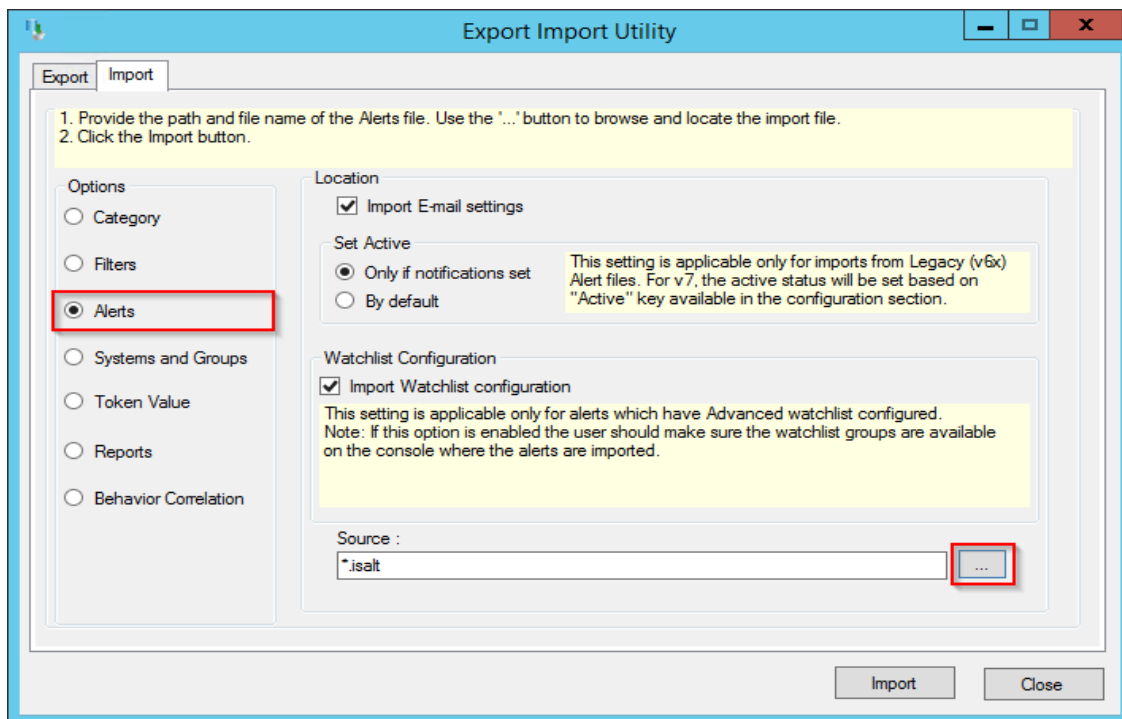


Figure 22

2. Locate **Alerts_EventTracker Endpoint Security.isalt** file and click **Open**.
3. To import alerts, click **Import**.

EventTracker displays success message.

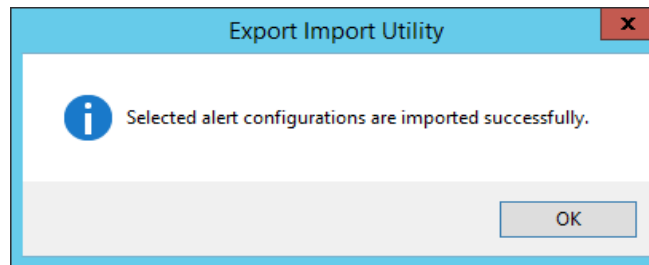


Figure 23

4. Click **OK** and click **Close**.

5.3 Token template

1. Click **Parsing rule** under **Admin** option in the EventTracker manager page.

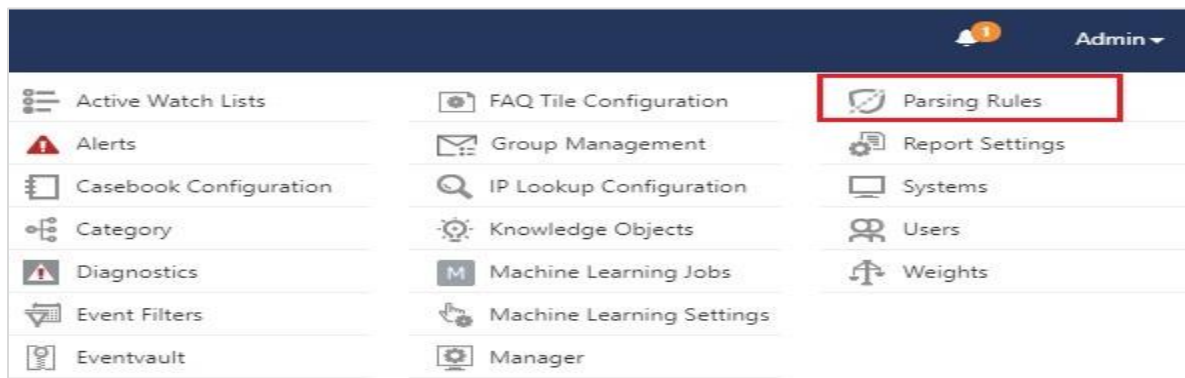


Figure 24

2. Click **Template**.

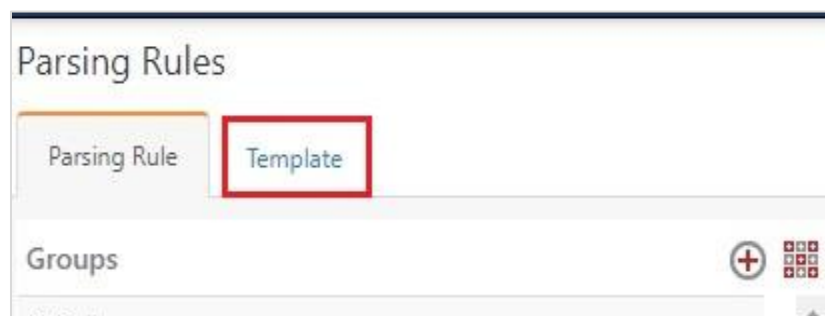


Figure 25

3. To import token template, click **Import**.



Figure 26

4. Locate the **Templates_EventTracker Endpoint Security.ettd** type file by clicking **Browse** button, enable all the templates and click **import**.



Figure 27

5. Click **OK**.

5.4 Knowledge Object

1. Click **Knowledge objects** under Admin option in the EventTracker manager page.

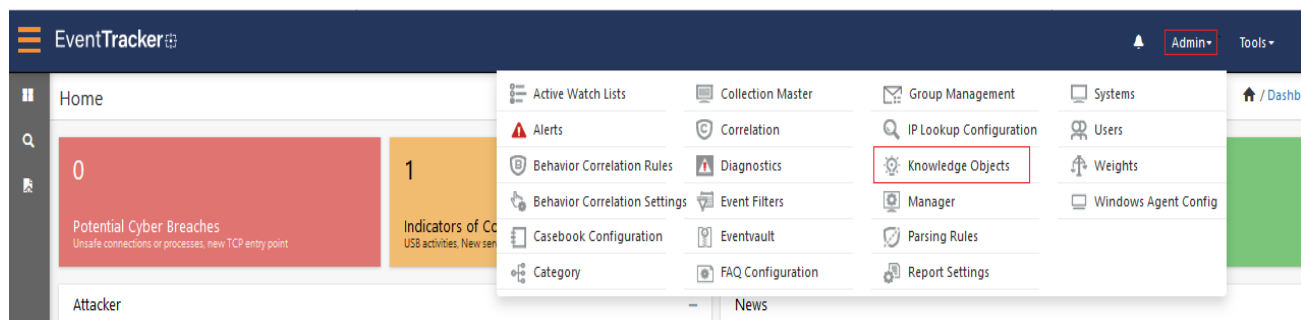


Figure 28

2. Click **Import**  as highlighted in the below image:

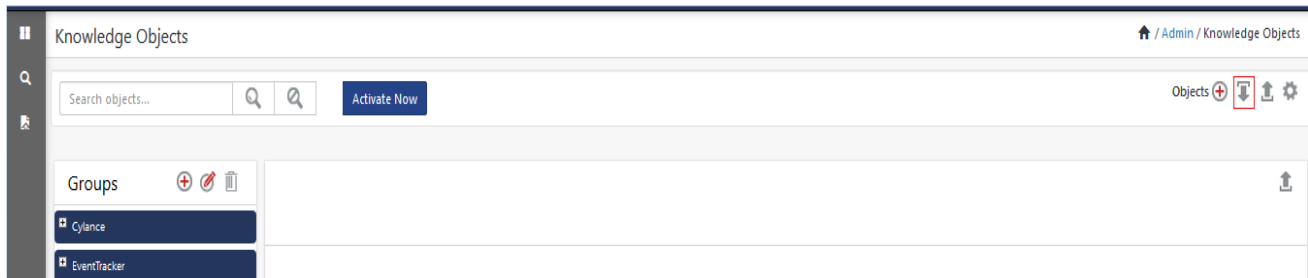


Figure 29

3. Click **Browse**.

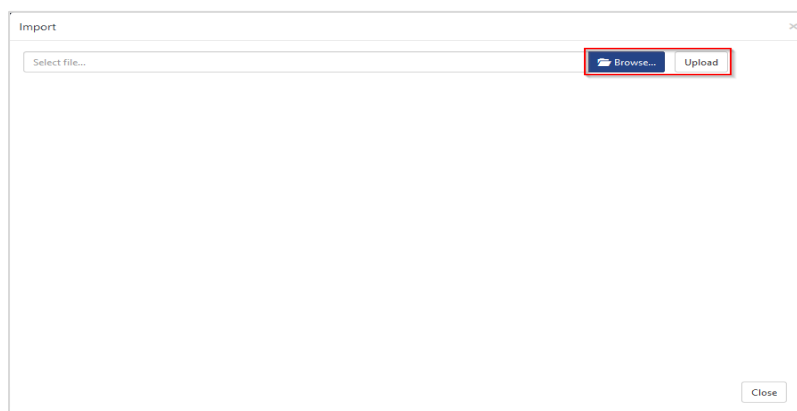



Figure 30

4. Locate the file named **KO_EventTracker Endpoint Security.etko**.
 5. Now select the check box and click **Import** .

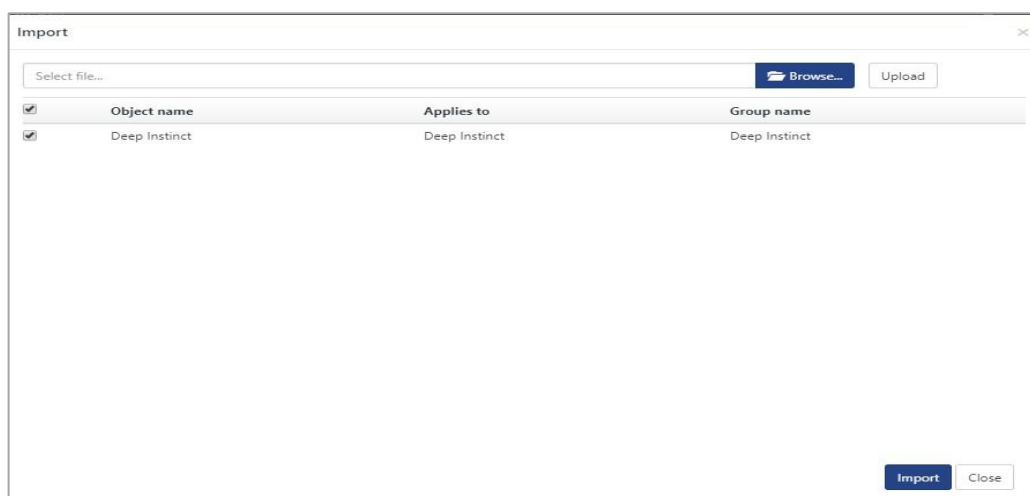


Figure 31

6. Knowledge objects are now imported successfully.

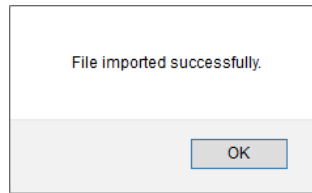


Figure 32

5.5 Report

1. Click **Reports** option and select **New (*.etcrx)** option.

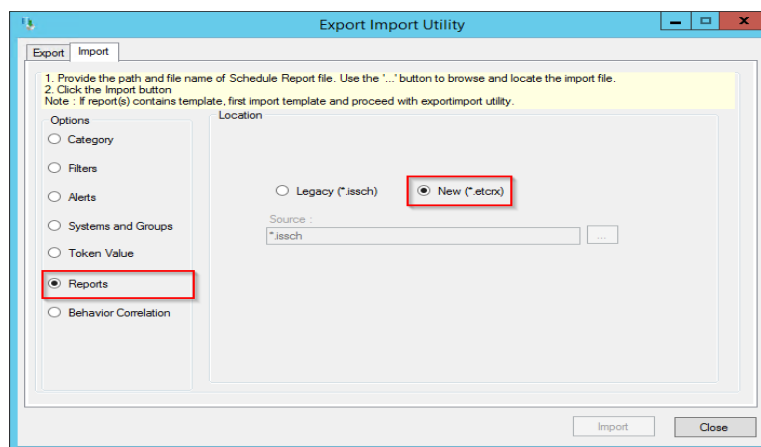


Figure 33

2. Locate the file named **Reports_ EventTracker Endpoint Security.etcrx** and select the check box.

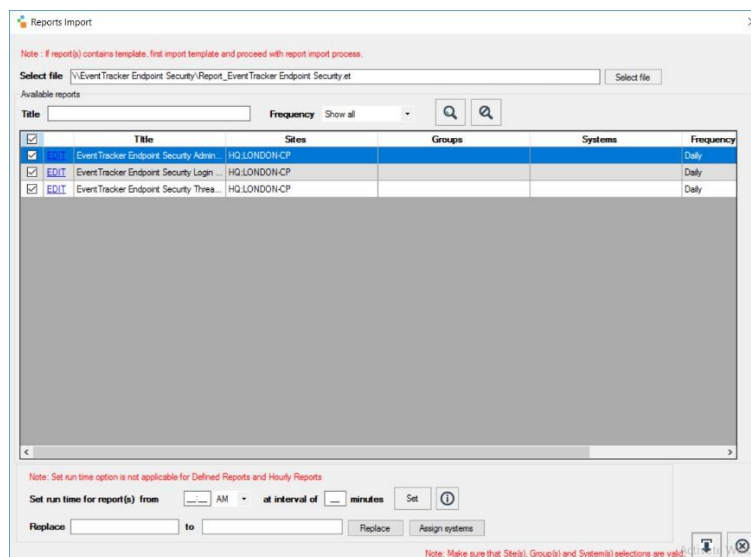



Figure 34

- Click **Import**  to import the report. EventTracker displays success message.

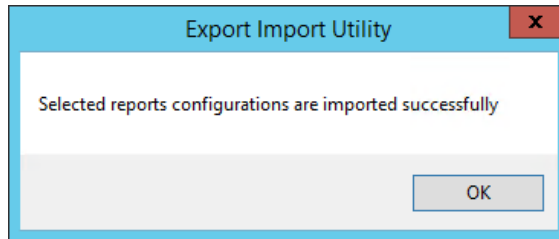


Figure 35

5.6 Dashboards

NOTE: Below steps given are specific to EventTracker 9 and later.

- Open **EventTracker** in browser and login.

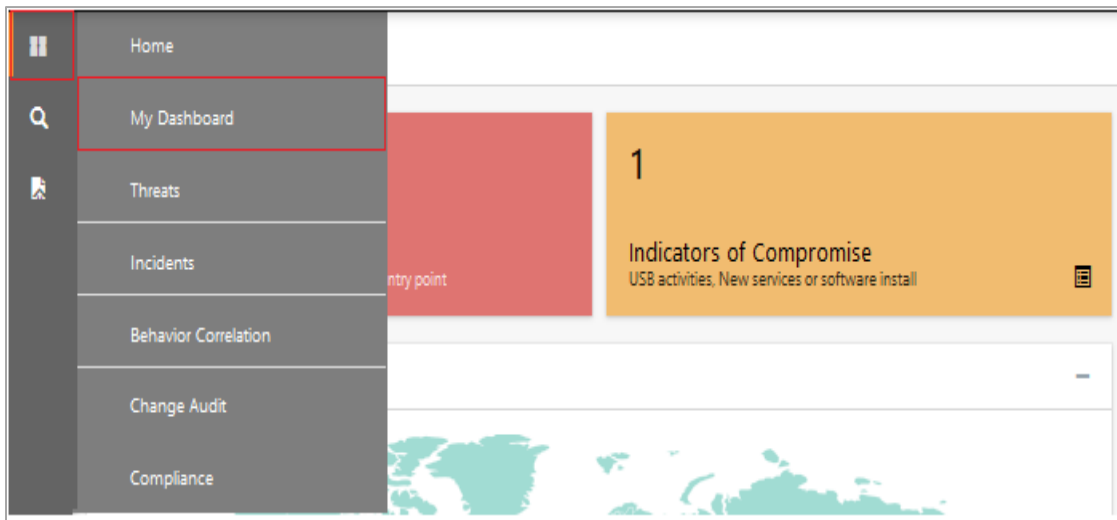


Figure 36


- Navigate to **My Dashboard** option as shown above.
- Click **Import**  as show below:



Figure 37

4. Import dashboard files **Dashboard_EventTracker Endpoint Security.etwd**, **Dashboard_Endpoint Security** and select **Select All** checkbox.
5. Click **Import** as shown below:

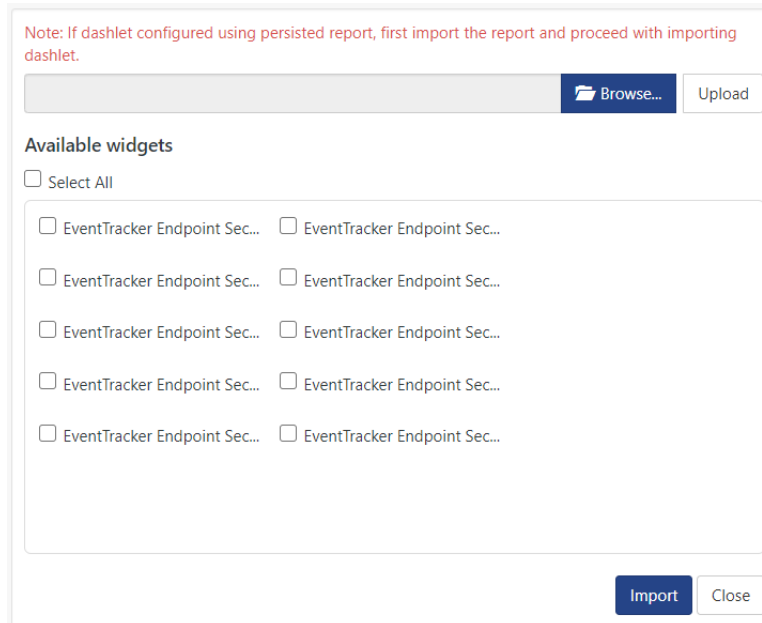


Figure 38

6. Import is now completed successfully.

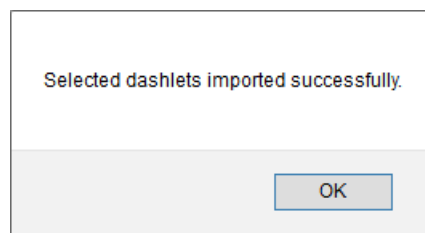



Figure 39

7. In **My Dashboard** page select  to add dashboard.

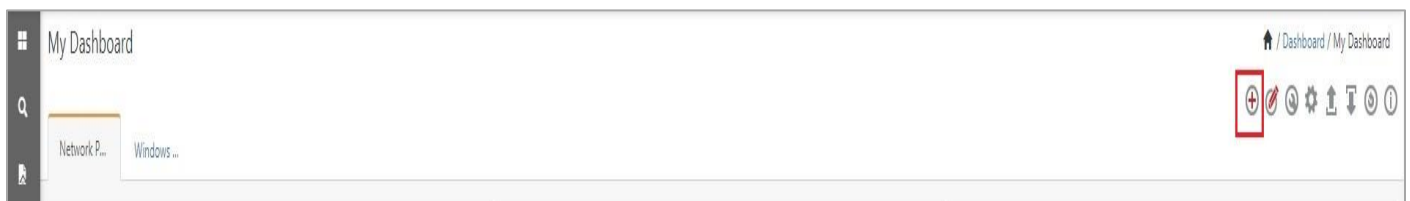
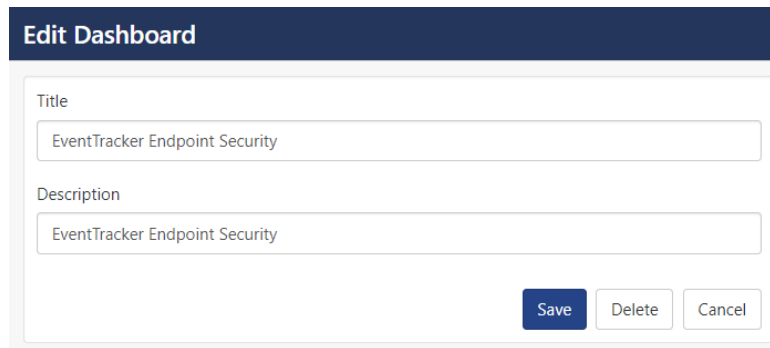


Figure 40

8. Choose appropriate name for **Title** and **Description**. Click **Save**.




Edit Dashboard

Title
EventTracker Endpoint Security

Description
EventTracker Endpoint Security

Save Delete Cancel

Figure 41

9. In **My Dashboard** page select  to add dashlets.

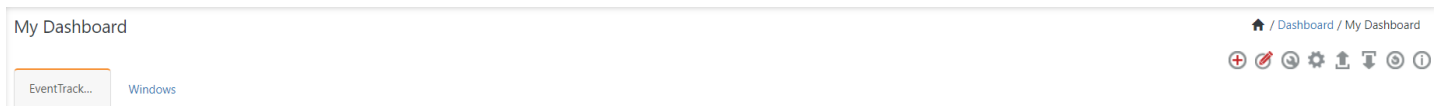
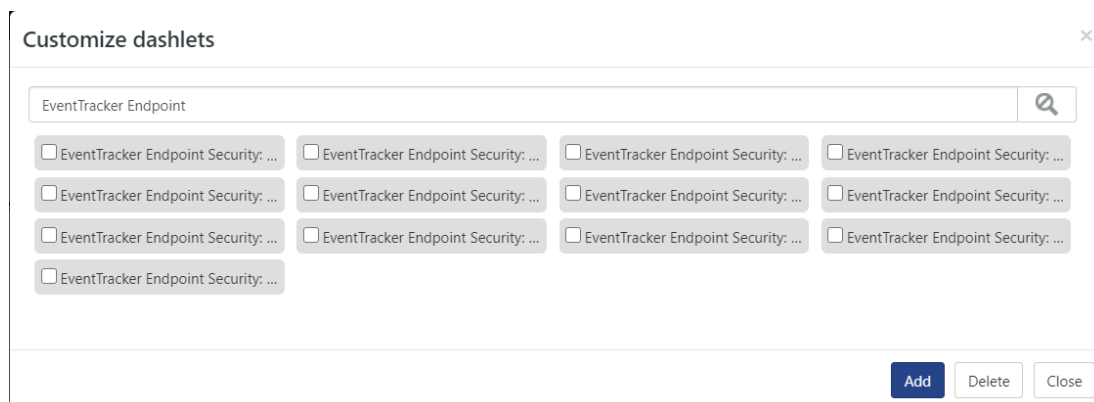


Figure 42

10. Select imported dashlets and click **Add**.



Customize dashlets

EventTracker Endpoint

EventTracker Endpoint Security: ... EventTracker Endpoint Security: ... EventTracker Endpoint Security: ... EventTracker Endpoint Security: ...

EventTracker Endpoint Security: ... EventTracker Endpoint Security: ... EventTracker Endpoint Security: ... EventTracker Endpoint Security: ...

EventTracker Endpoint Security: ... EventTracker Endpoint Security: ... EventTracker Endpoint Security: ... EventTracker Endpoint Security: ...

EventTracker Endpoint Security: ...

Add Delete Close

Figure 43

6. Verifying EventTracker Endpoint Security knowledge pack in EventTracker

6.1 Category

1. Logon to **EventTracker**.

- Click **Admin** dropdown and click **Category**.

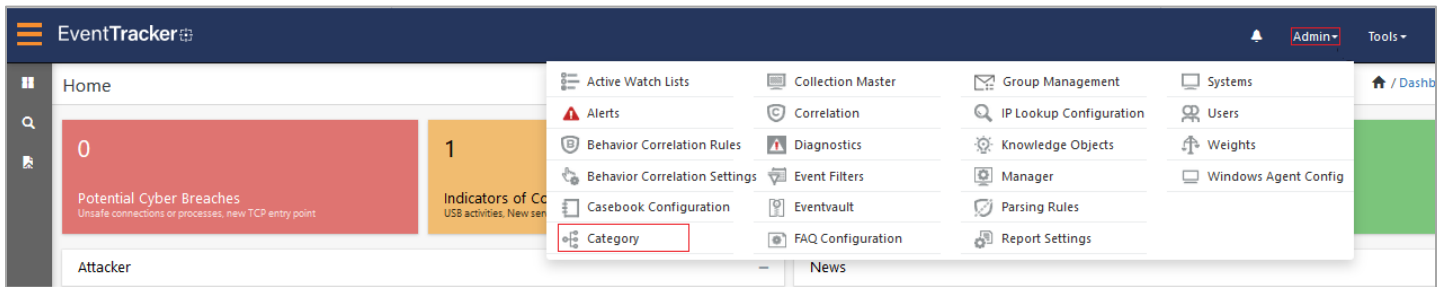


Figure 44

- In **Category Tree** to view imported category, scroll down and expand **EventTracker Endpoint Security** group folder to view the imported category.

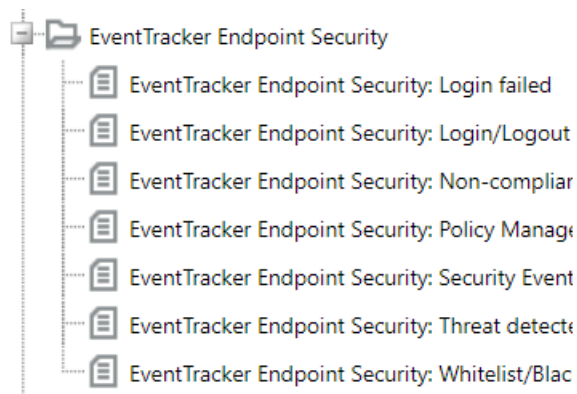


Figure 45

6.2 Alert

- Logon to **EventTracker**.
- Click the **Admin** menu, and then click **Alerts**.

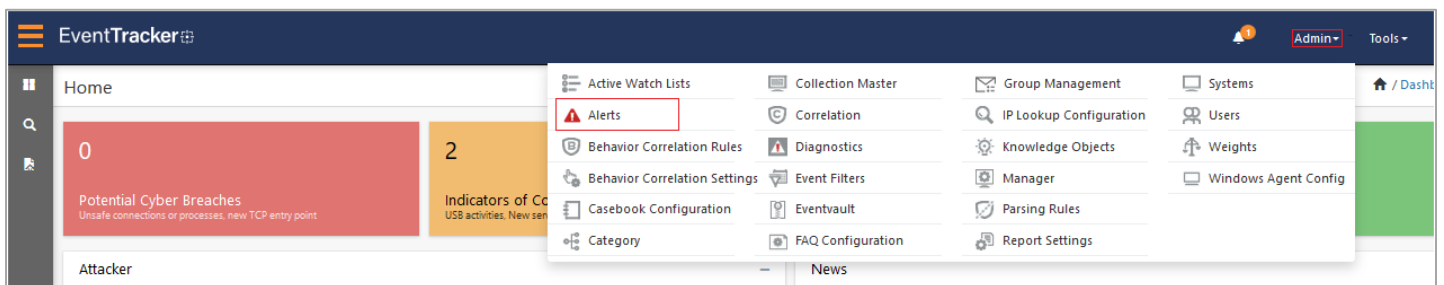


Figure 46

- In the **Search** box, type **EventTracker Endpoint Security** and click **Go**. Alert Management page will display the imported alert.

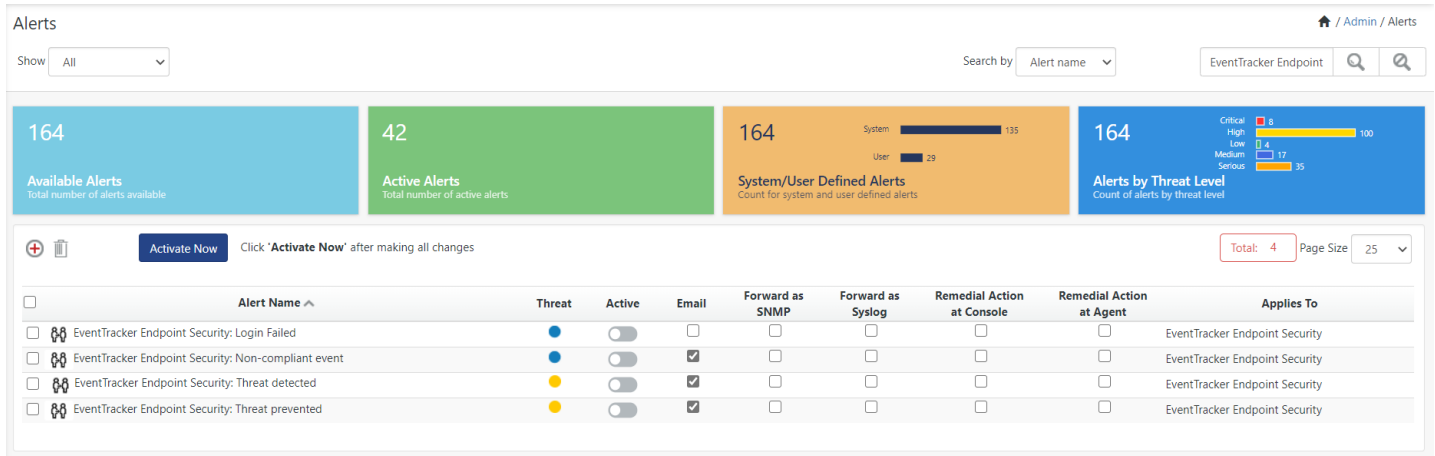


Figure 47

- To activate the imported alert, toggle the **Active** switch.

EventTracker displays message box.

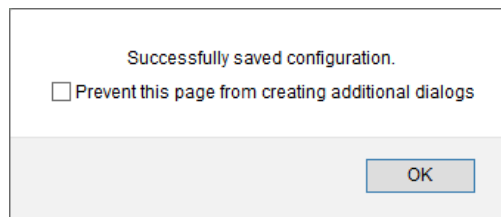


Figure 48

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

NOTE: Specify appropriate **system** in **alert configuration** for better performance.

6.3 Token templates

- In the **EventTracker** web interface, click the **Admin** dropdown, and click **Parsing rules**.

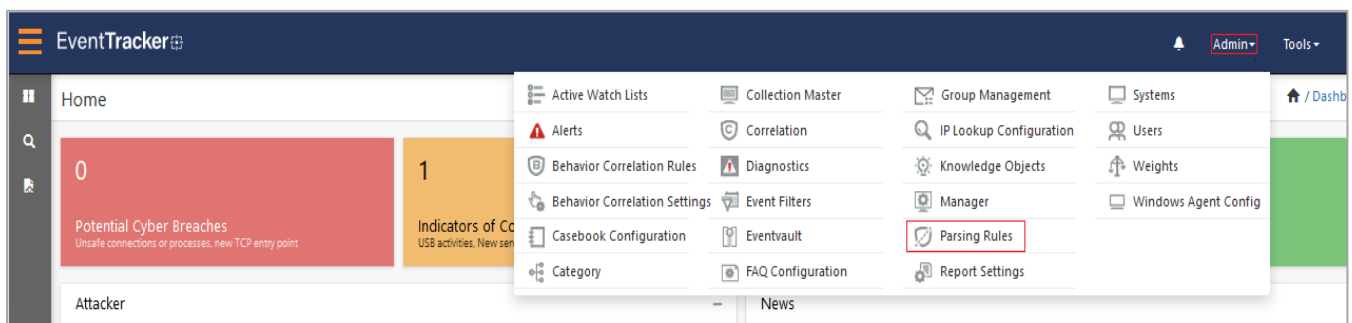


Figure 49

- On **Template** tab, click on the **EventTracker Endpoint Security** group folder to view the imported token values.

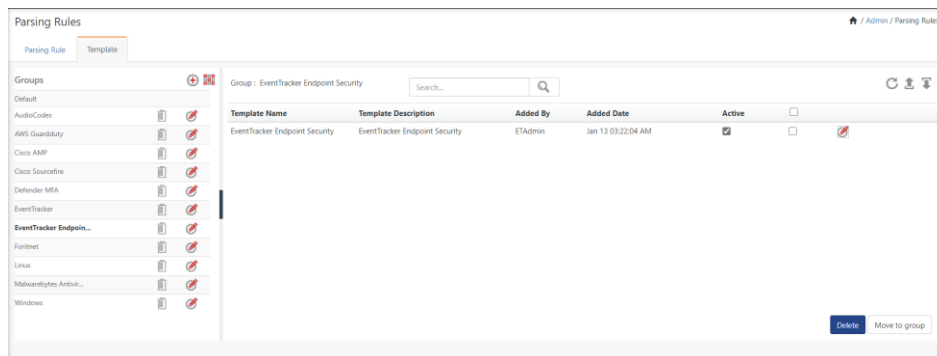


Figure 50

6.4 Knowledge Object

- In the **EventTracker** web interface, click the **Admin** dropdown, and then select **Knowledge Objects**.

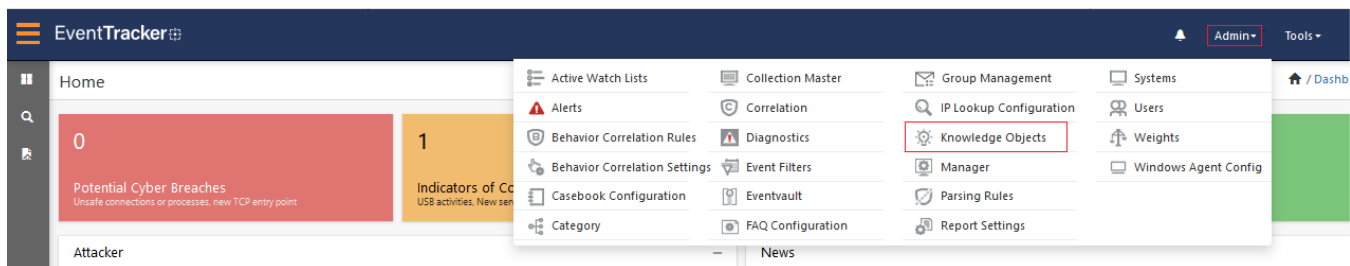


Figure 51

- In the Knowledge Object tree, expand **EventTracker Endpoint Security** group folder to view the imported knowledge object.

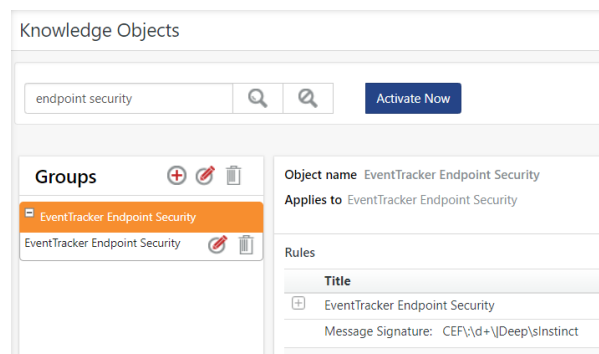


Figure 52

3. Click **Activate Now** to apply imported knowledge objects.

6.5 Report

1. In the **EventTracker** web interface, click the **Reports** menu, and then select **Report Configuration**.

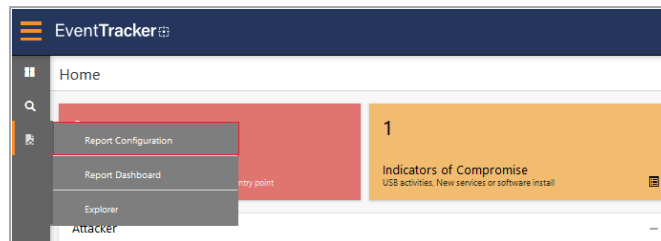


Figure 53

2. In **Reports Configuration** pane, select **Defined** option.
3. Click on the **EventTracker Endpoint Security** group folder to view the imported reports.

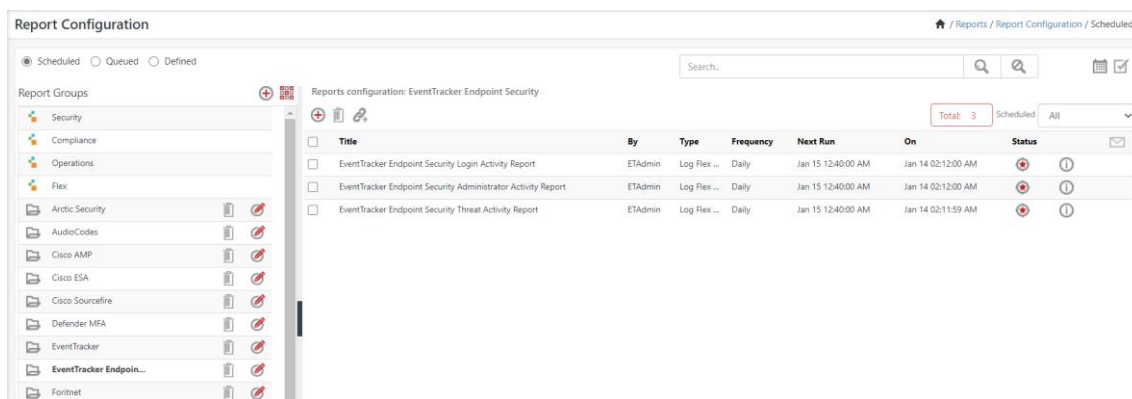


Figure 54

6.6 Dashboards

1. In the EventTracker web interface, Click **Home** and select **My Dashboard**.

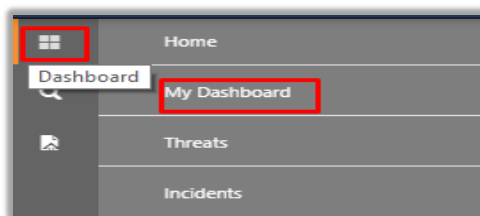


Figure 55

2. In the **EventTracker Endpoint Security** dashboard the following screen displays.

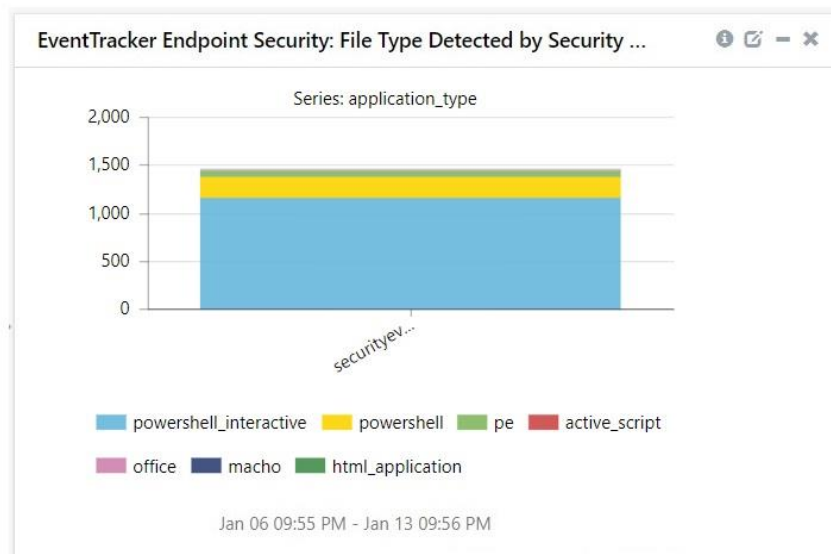


Figure 56