Netsurion®
Powering Secure and Agile Networks

Integration Guide

Integrating Bitdefender GravityZone (On-premises)

EventTracker v9.2x and above

Publication Date:

August 27, 2021

Abstract

This guide provides instructions to configure a Bitdefender GravityZone to send its syslog to EventTracker.

Scope

The configuration details in this guide are consistent with EventTracker version v9.2x or above and Bitdefender GravityZone (on-prem) v6.5 to 7.0.

Audience

Administrators who are assigned the task to monitor Bitdefender GravityZone events using EventTracker.

Table of Contents

1. Overview

Bitdefender GravityZone is the new Bitdefender enterprise security solution for medium to large Organizations. GravityZone leverages Bitdefender's acclaimed anti-malware technologies, and provides a centralized security management platform for physical, virtualized, and mobile endpoints.

Bitdefender GravityZone logs configuration can be achieved via syslog. It will send logs like user activities, website activities, application activities, license activities, data backup activities, firewall activities, and malware activities. With these events, EventTracker generates detailed reports for user logon activities, firewall activities, application activities, malware details, etc. Its graphical representation shows top malware file names, malicious websites by device name, user login failed, malware detected by IP, malware detected by device name, top policy names, action taken on malware, etc. It will generate alerts whenever the user login fails, malware has been detected, an application has been blocked, etc.

2. Prerequisites

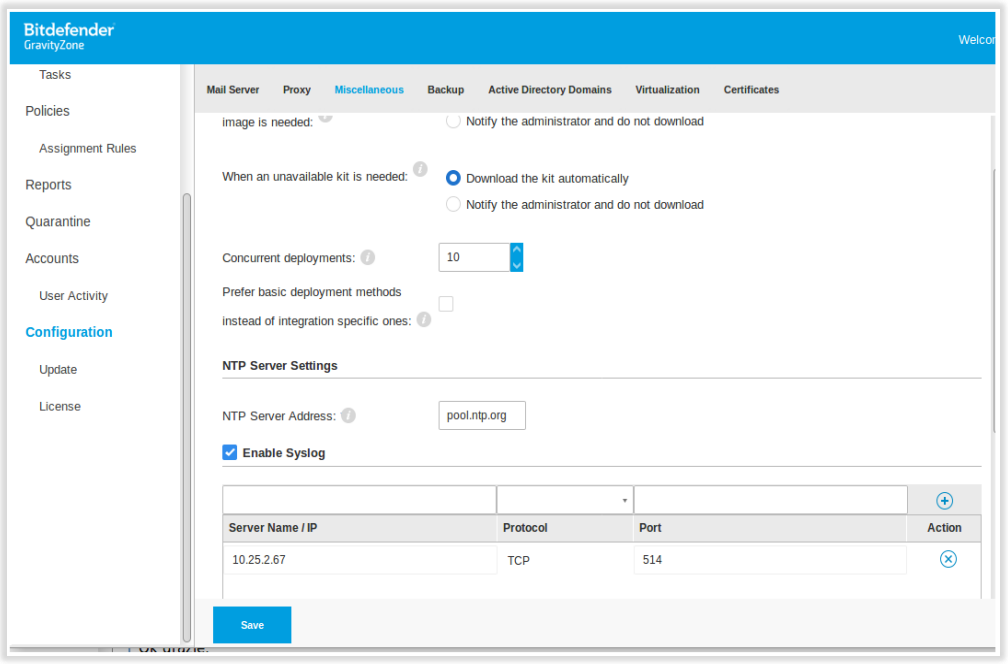
- **Admin access** to Bitdefender GravityZone (on-prem) console.

3. Configuring Bitdefender GravityZone (On-prem)

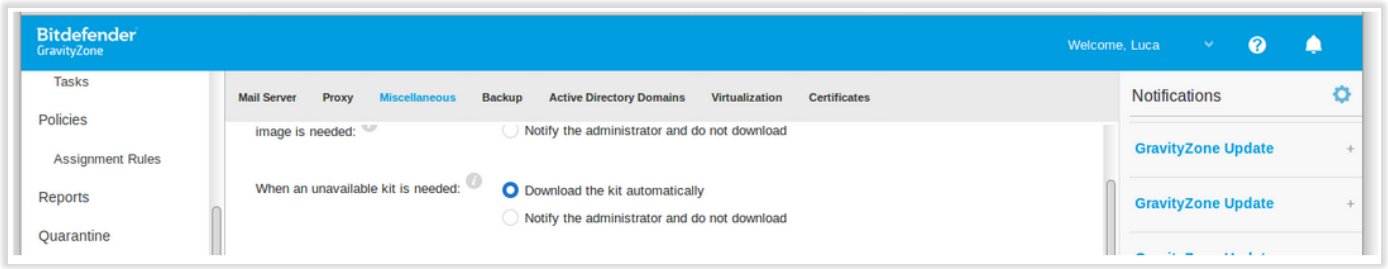
Note: Bitdefender GravityZone supports the syslog option from v6.50 to 7.0.

Following are the steps to configure Bitdefender Gravityzone (On-premise) to send logs to EventTracker.

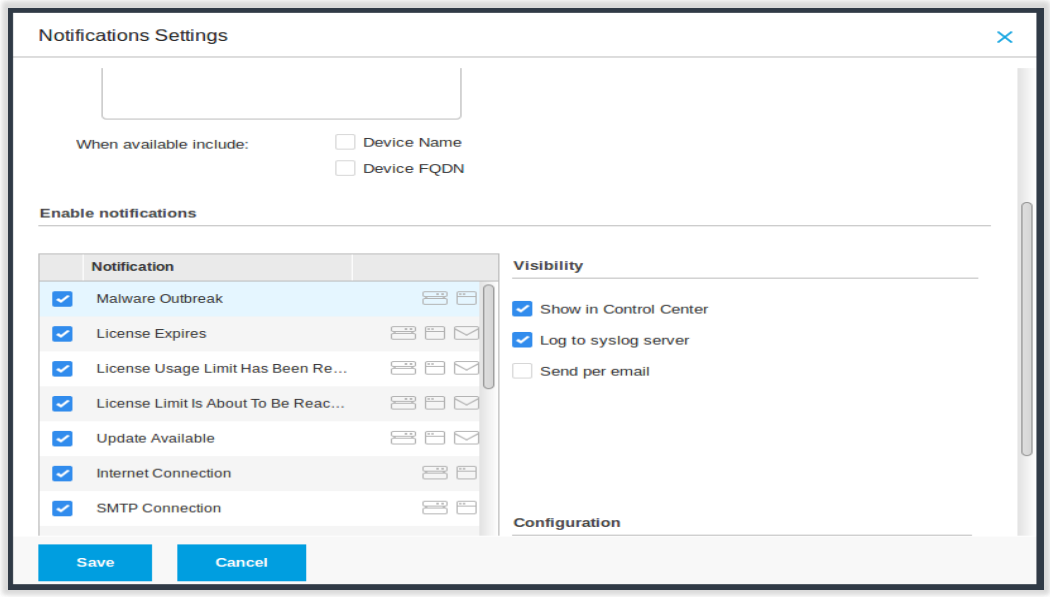
1. Log in to GravityZone Control center.
2. Click on **Configuration** > **Miscellaneous.**
3. Put the flag on **Enable Syslog** and write the IP of EventTracker.
4. Enter EventTracker port and select protocol TCP.



5. Click on the configuration button (the rowel) in the top-right corner.



6. Select log format as JSON.
7. Define the events you want to send to EventTracker.



8. Click on Save.

4. EventTracker Knowledge Pack

After logs are received by EventTracker, Knowledge Packs can be configured into EventTracker.

The following Knowledge Packs are available in EventTracker to support **Bitdefender GravityZone**.

4.1 Categories

- **Bitdefender GravityZone: Suspicious application activities -** This category provides information related to the suspicious activities by blocked applications and their attributes.
- **Bitdefender GravityZone: Portscan blocked -** This category provides information related to the portscan performed on their networks and it's been blocked.

4.2 Alerts

- **Bitdefender GravityZone: Application suspicious activities have been detected –** This alert will generate whenever an application launches malicious activity.
- **Bitdefender Gravityzone: Portscan has been blocked –** This alert will generate whenever port scan has been detected on their networks.

4.3 Reports

- **Bitdefender GravityZone : Suspicious application activities –** This report gives information about the blocked application and its attributes. It contains field information like destination IP, source IP, exploit type, exploits path, process id, process path, and status.

LogTime	Computer	Destination IP	HostName	Host FQDN	Exploit Type	Exploit Path	Parent Process ID	Parent Process Path	Status
08/23/2021 01:29:02 PM	BITD_GZ	10.10.10.91	BG0014556	bg0014556.bdgz.ca.gov	AVC APP	C:\\Windows\\System32\\WindowsPowerShell\\v1.0\\powershell.exe	C:\\Windows\\System32\\RuntimeBroker.exe	C:\\Windows\\System32\\RuntimeBroker.exe	avc_blocked
08/23/2021 01:29:02 PM	BITD_GZ	10.20.210.29	BG0014556	bg0014556.bfgza.ca.gov	AVC APP	C:\\Windows\\System32\\WindowsPowerShell\\v1.0\\powershell.exe	C:\\Windows\\System32\\vine.exe	C:\\Windows\\System32\\vine.exe	avc_blocked

Sample logs:

```
Aug 09 12:37:41 bdgz11 Aug  9 19:37:41 BDGZ11 gravityzone: [avc]
{"module":"avc","product_installed":"BEST","user":{"id":"S-1-5-21-1214440339-
1637723038-725345543-
17088","name":"HelpJH@HF"},"computer_name":"BG0014556","computer_fqdn":"bg001455
6.bdgza.ca.gov","computer_ip":"10.10.20.219","computer_id":"5db0853292c3a0555d15
41e2","exploit_type":"AVC
APP","exploit_path":"C:\\Windows\\System32\\WindowsPowerShell\\v1.0\\powershell.
exe","parent_process_id":9220,"parent_process_path":"C:\\Windows\\System32\\Runt
imeBroker.exe","status":"avc_blocked","last_blocked":"2021-08-
09T19:37:36.000Z","count":1}
```

- **Bitdefender GravityZone – Portscan blocked –** This report gives information about the networks that have been scanned. It contains fields information like source IP, destination IP, hostname, protocol, and status.

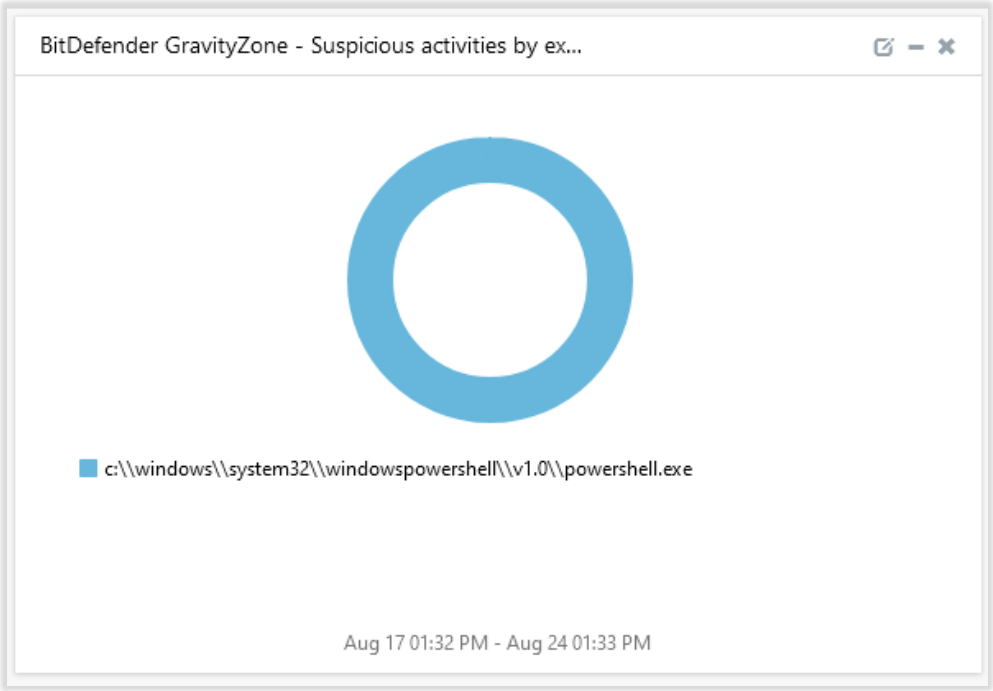
LogTime	Computer	Source IP	Destination IP	HostName	Host FQDN	Protocol ID	Status
08/23/2021 11:40:06 AM	BITD_GZ	10.10.1.19	192.168.12.139	BG0014673	bg0014673.bdgza.ca.gov	6	portscan_blocked
08/23/2021 11:40:08 AM	BITD_GZ	10.10.1.18	192.168.12.139	BG0014673	bg0014673.bdgza.ca.gov	6	portscan_blocked

Sample logs:

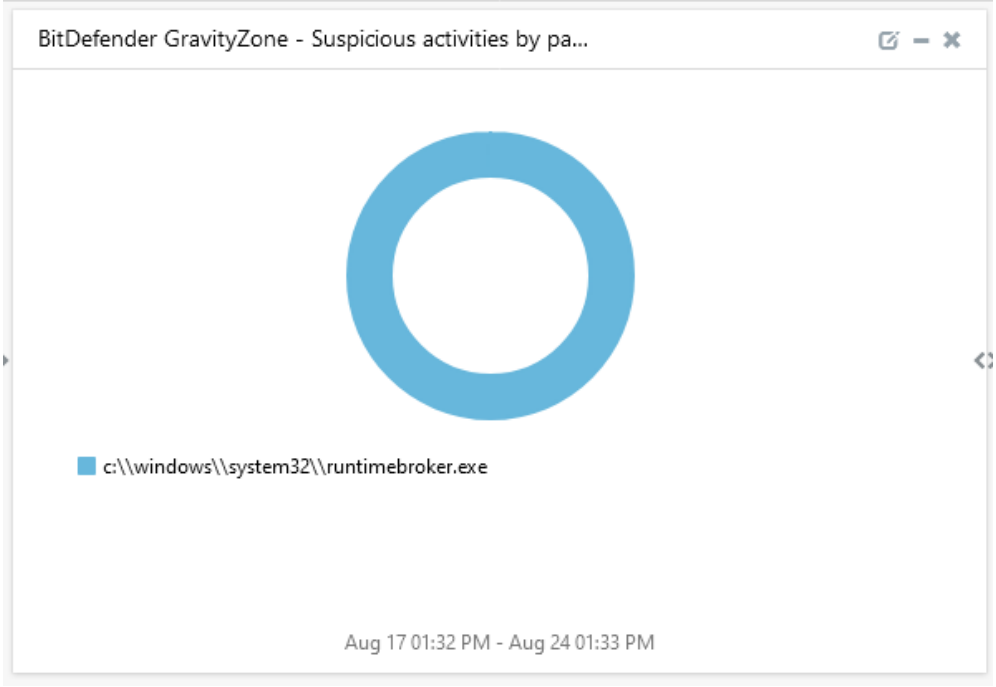
```
Aug 06 15:54:15 bdgz11 Aug  6 22:54:15 BDGZ11 gravityzone: [fw]
{"module":"fw","product_installed":"BEST","computer_name":"bg0014673","computer_
fqdn":"bg0014673.bdgza.ca.gov","computer_ip":"192.18.12.19","computer_id":"5e0e4
e86d48cf85bc5117a83","status":"portscan_blocked","protocol_id":"6","source_ip":"
10.23.10.19","last_blocked":"2021-08-06T22:54:09.000Z","count":1}
```

4.4 Dashboards

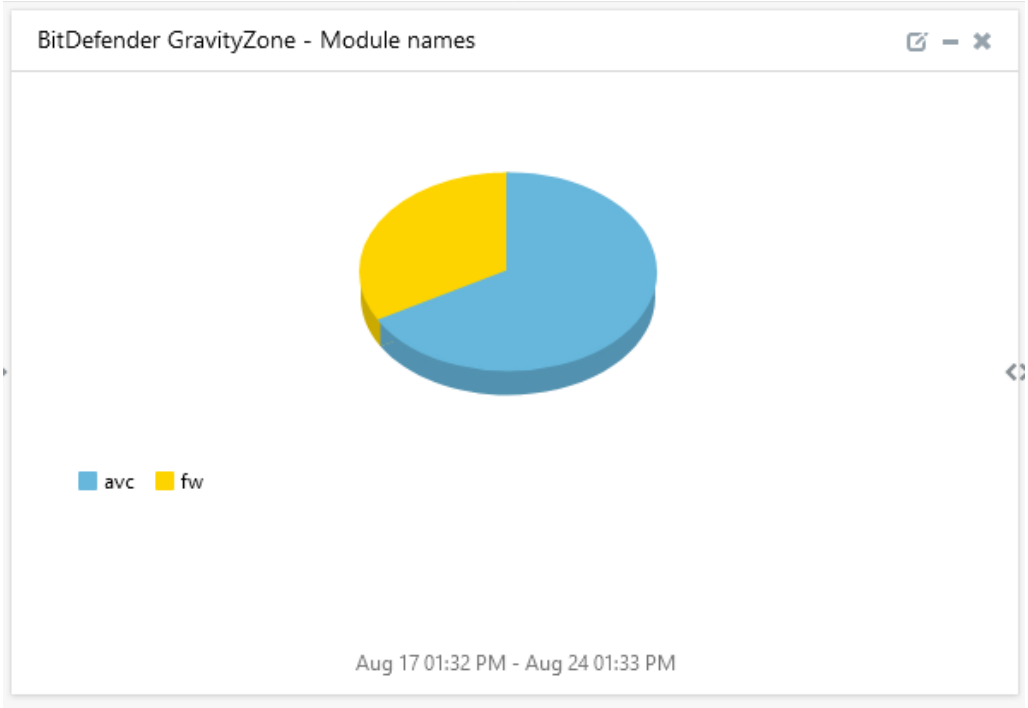
- **Bitdefender GravityZone - Suspicious activities by exploit path**



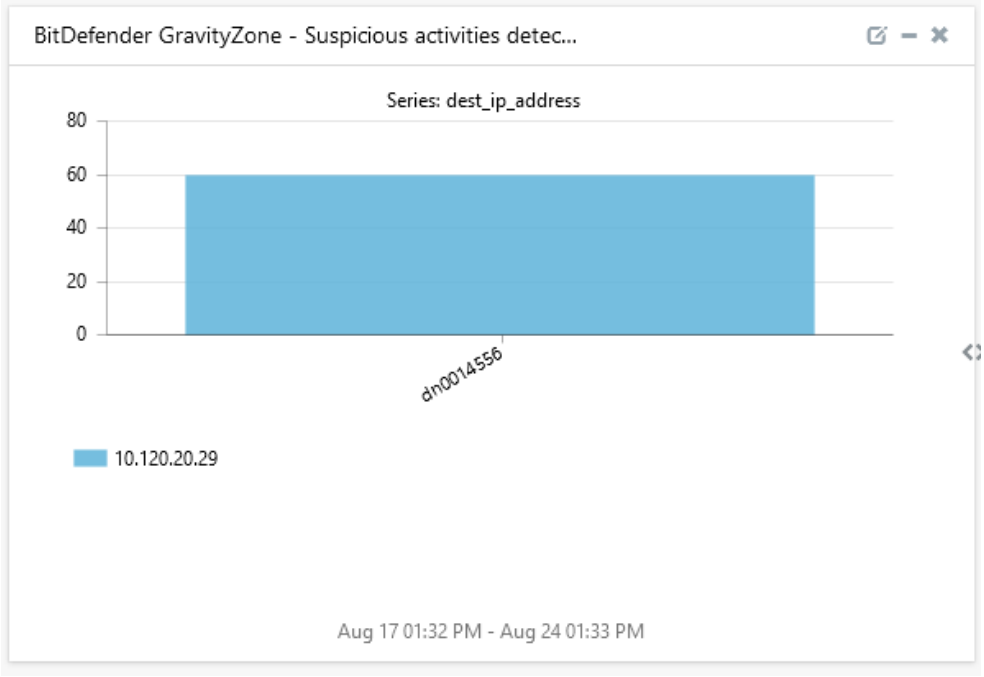
- **BitDefender GravityZone - Suspicious activities by parent process path**



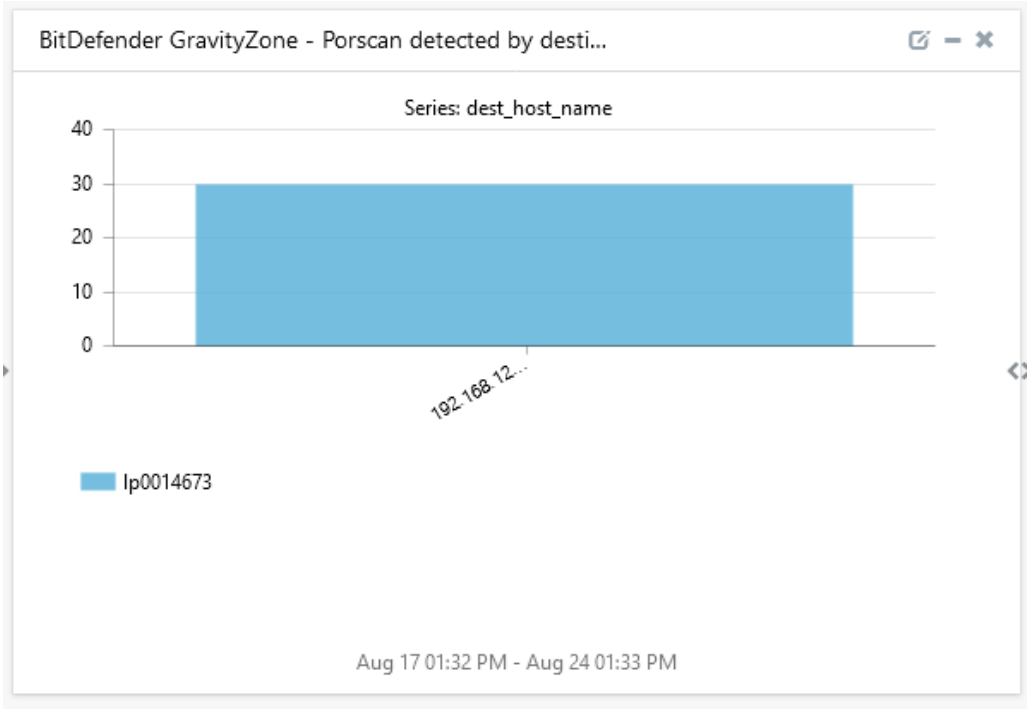
- **Bitdefender GravityZone - Module names**



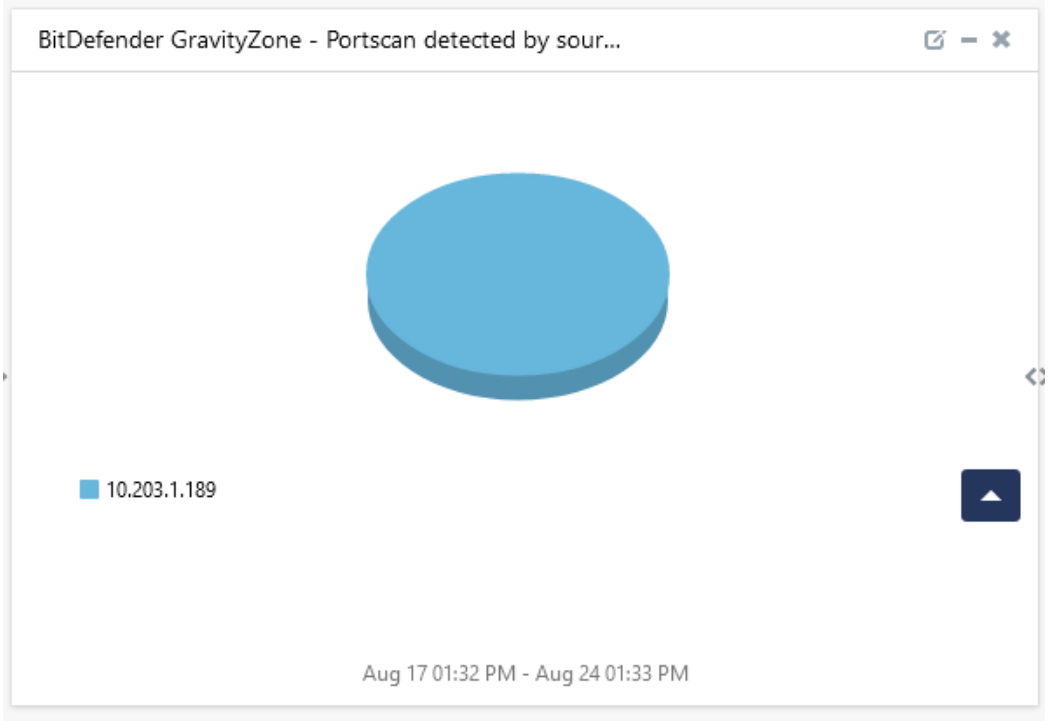
- **Bitdefender GravityZone - Suspicious activities detected by hostname**



- **Bitdefender GravityZone - Porscan detected by destination IP**



- **Bitdefender GravityZone - Portscan detected by source IP**

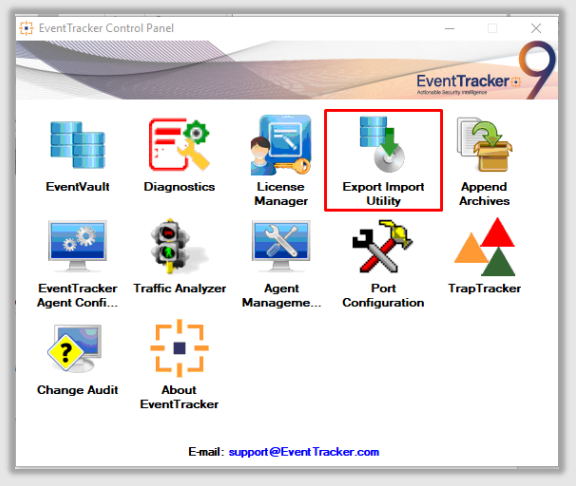


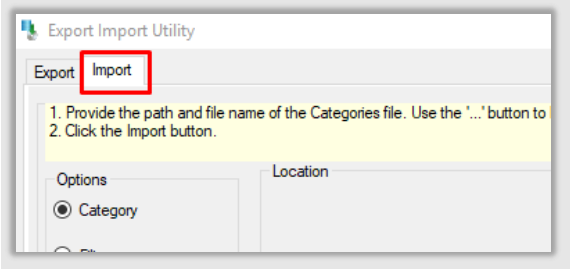
5. Importing Bitdefender GravityZone Knowledge Pack into EventTracker

NOTE: Import knowledge pack items in the following sequence:

- Categories
- Alerts
- Knowledge Objects
- Flex Reports
- Dashboard

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

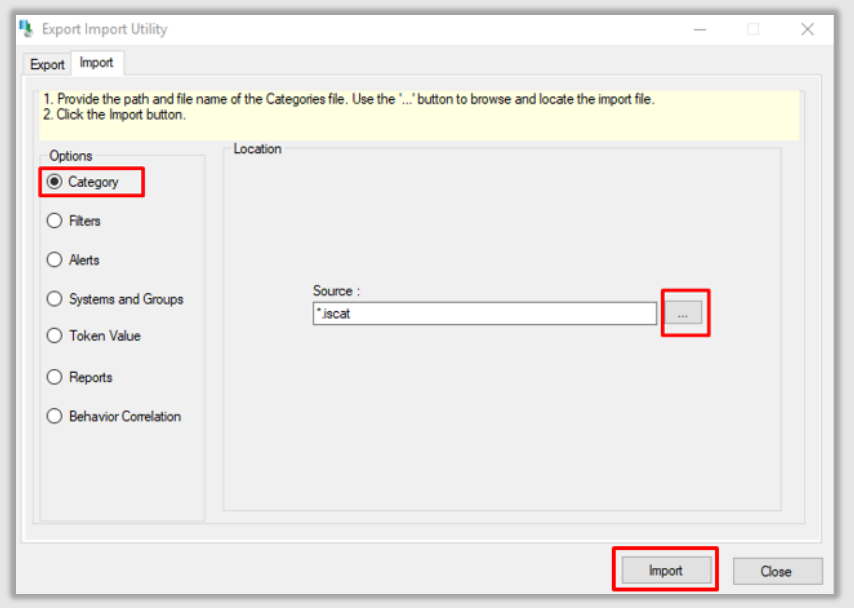




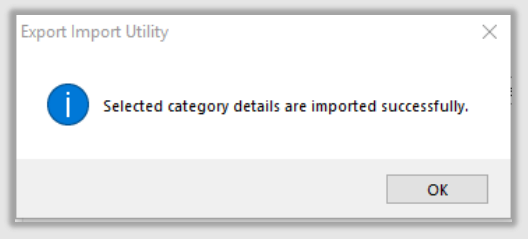
3. Click the **Import** tab.

5.1 Categories

1. After you have opened **Export Import Utility** via **EventTracker Control Panel**, click the **Category** option, and then click Browse ... .
2. Navigate to the Knowledge Pack folder and select the file with extension **".iscat", e.g., "Categories_Bitdefender GravityZone .iscat"** and then click on the **Import** button.

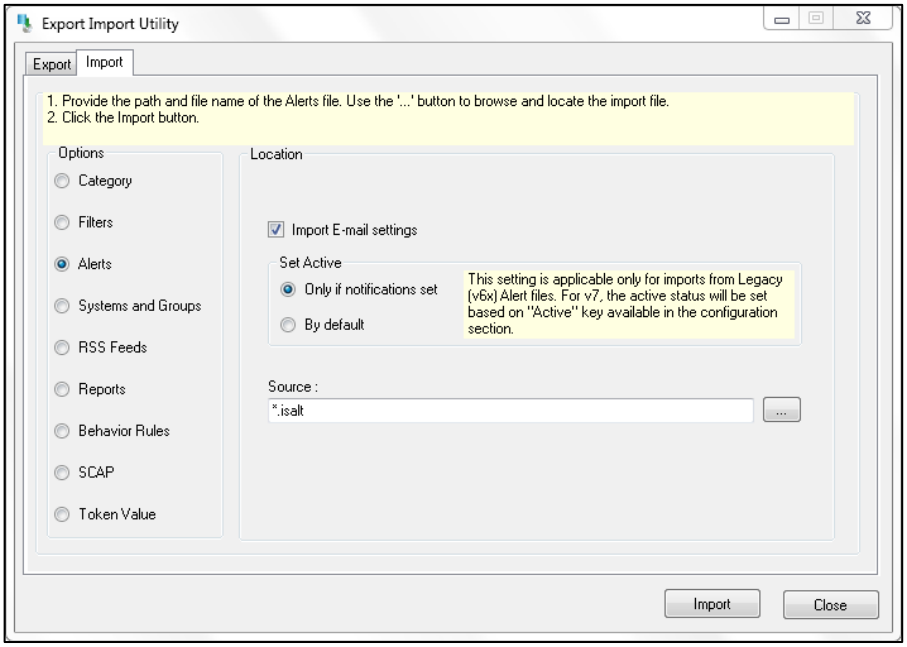


EventTracker displays a success message:



5.2 Alerts

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

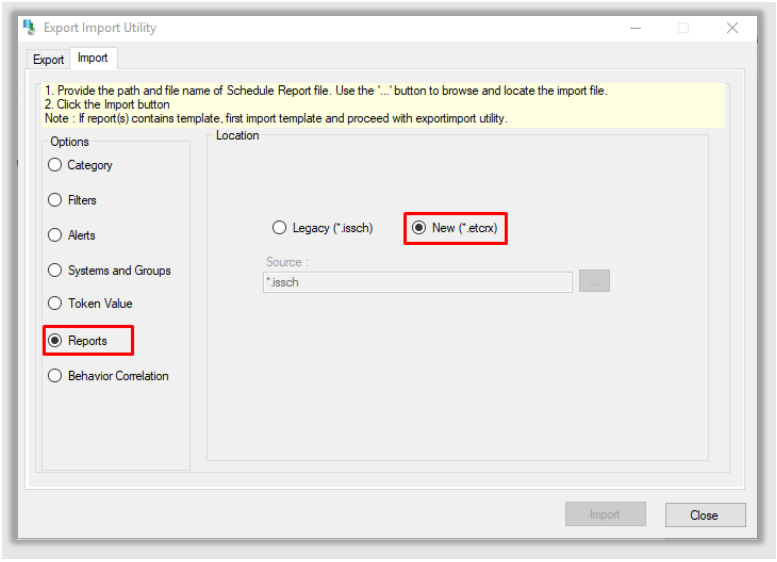


2. Locate **Alerts_Bitdefender GravityZone.isalt** file, and then click the **Open** button.
3. To import alerts, click the **Import** button.
4. EventTracker displays a success message.

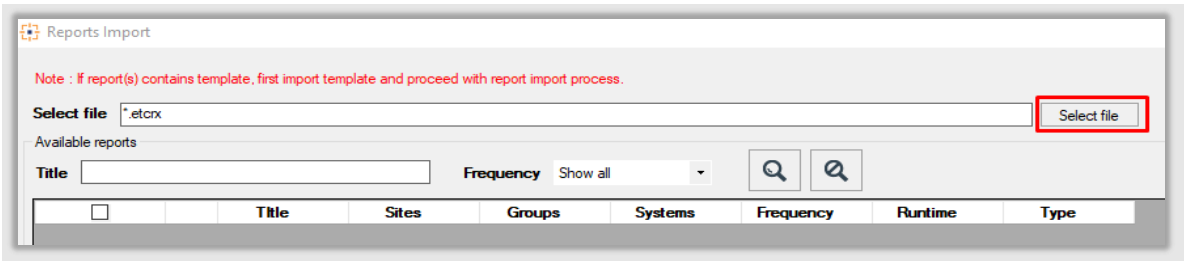
5. Click the OK button, and then click the Close button.

5.3 Reports

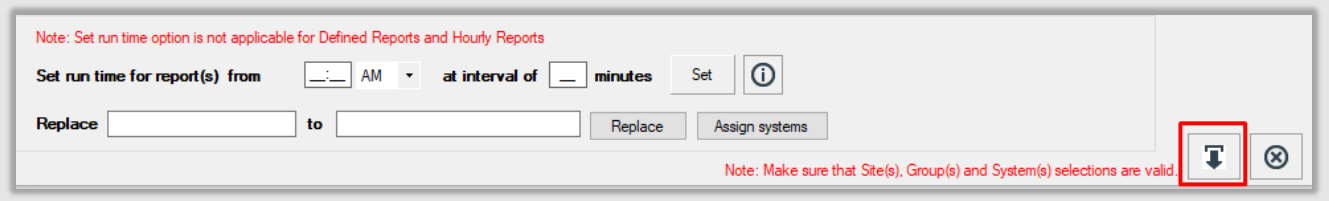
1. In EventTracker Control Panel, select **Export/ Import utility** and select the **Import tab**. Then, click **Reports** option, and choose **New (*.etcrx)**:



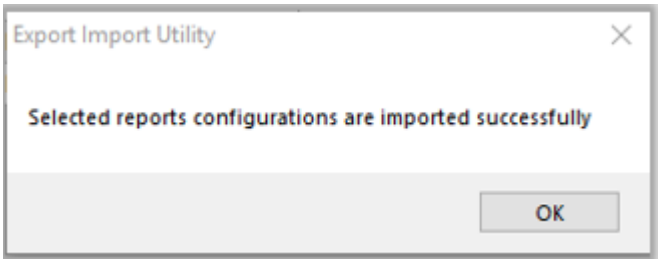
2. Once you have selected **New (*.etcrx)**, a new pop-up window appears. Click on the **Select File** button and navigate to the file path with a file having the extension "**.etcrx", e.g., Reports_ Bitdefender GravityZone .etcrx.**



3. Wait while reports are being populated in below tables. Now, select all the relevant reports and then click **Import** button.

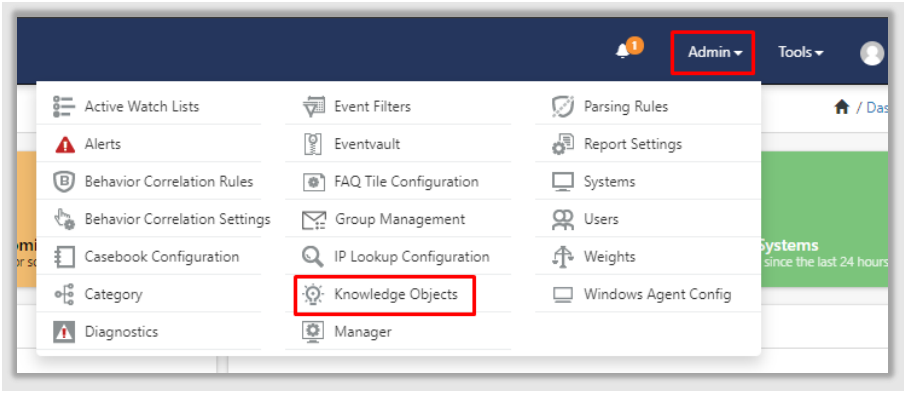


4. EventTracker displays a success message:

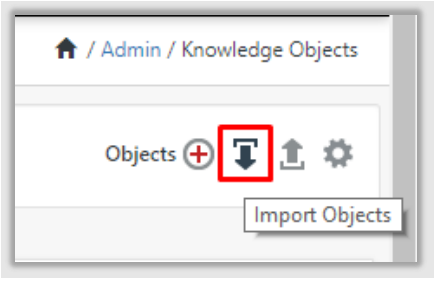


5.4 Knowledge Object

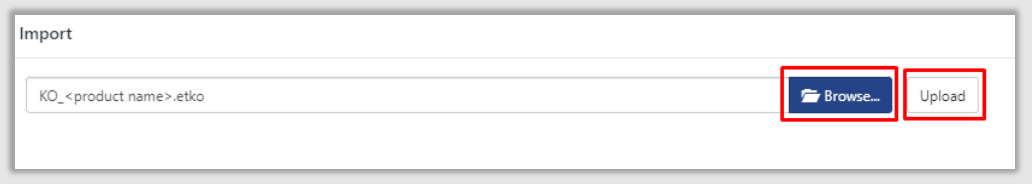
1. Click **Knowledge objects** under the **Admin** option in the EventTracker page.



2. Click on the **import object** icon:



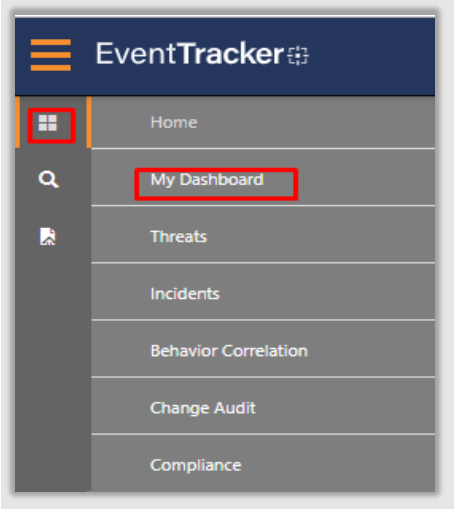
3. A pop-up box appears, click Browse in that and navigate to knowledge packs folder (type **%et_install_path%\Knowledge Packs** in navigation bar) with the extension **".etko", e.g., KO_Bitdefender GravityZone .etko** and then click **Upload**.



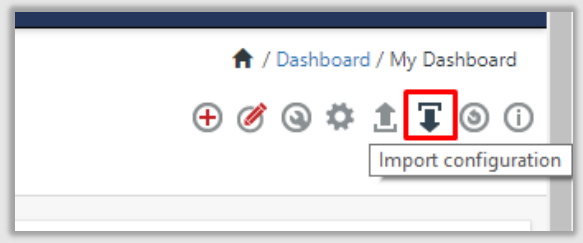
4. List of available knowledge object will appear. Select the relevant files and click on **Import** button.

5.5 Dashboard

1. Login to **EventTracker**.
2. Navigate to **Dashboard** → **My Dashboard**.

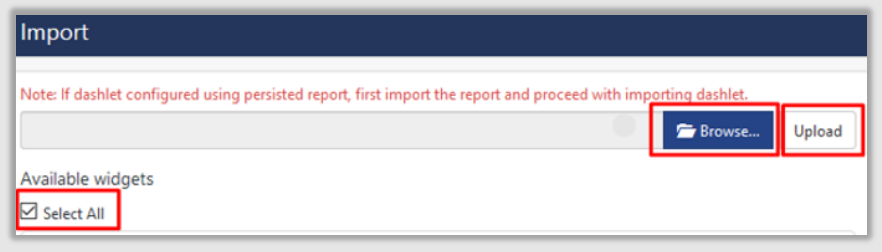


3. In **My Dashboard**, click on **Import Button.**



4. Select the **browse** button and navigate to Knowledge Pack folder (type **%et_install_path%\Knowledge Packs** in navigation bar) where **.etwd**, **e.g., Dashboards_Bitdefender GravityZone .etwd** is saved and click on **Upload** button.

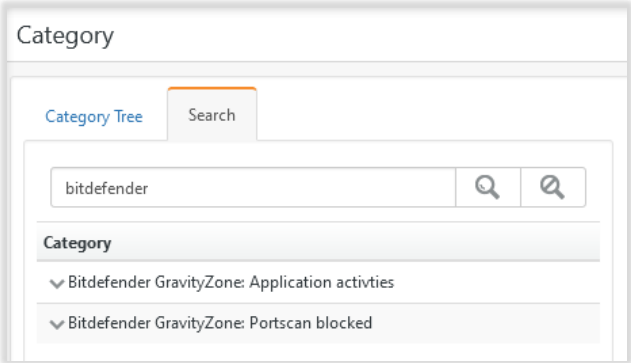
5. Wait while EventTracker populates all the available dashboards. Now, choose **Select All** and click on **Import** button.



6. Verifying Bitdefender GravityZone Knowledge Pack in EventTracker

6.1 Categories

1. Login to **EventTracker**.
2. Click **Admin** dropdown, and then click **Categories**.
3. In **Category Tree** to view imported categories, scroll down and expand **Bitdefender GravityZone** group folder to view the imported categories.



6.2 Alerts

1. Login to **EventTracker**.
2. Click the **Admin** menu, and then click **Alerts**.

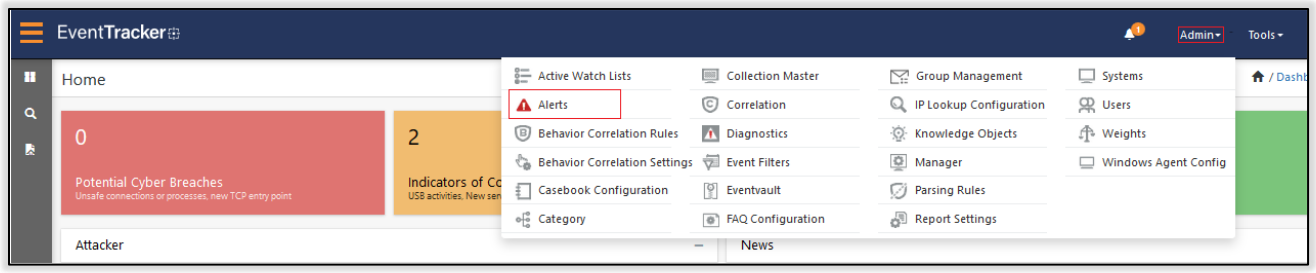
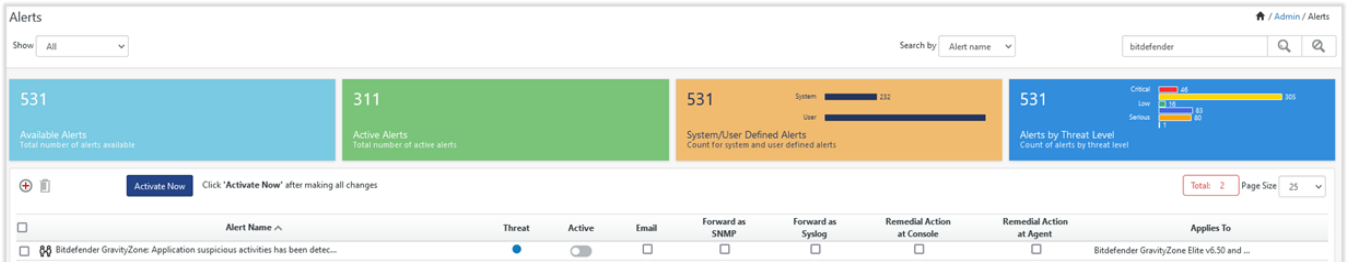


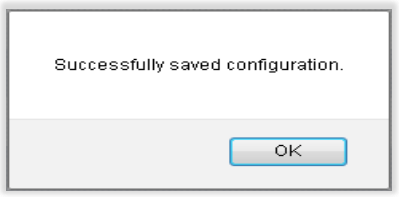
Figure 31

3. In the **Search** box, type **Bitdefender GravityZone**, and then click the **Go** button.
   Alert Management page will display all the imported alerts.



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

   EventTracker displays a message box.

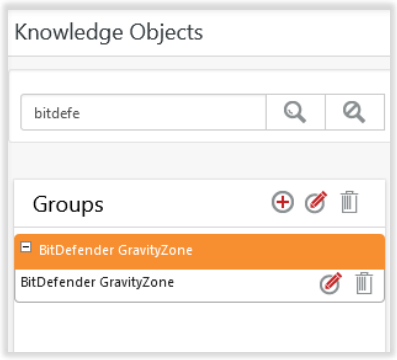


5. Click **OK**, and then click the **Activate Now** button.

Note: Specify appropriate **systems** in the **alert configuration** for better performance.

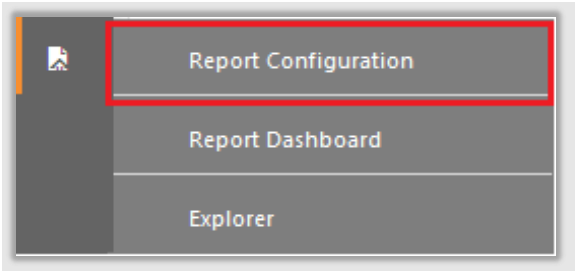
6.3 Knowledge Objects

1. In the **EventTracker** web interface, click the **Admin** dropdown, and then click **Knowledge Objects.**
2. In the **Knowledge Object** tree, expand the **Bitdefender GravityZone** group folder to view the imported Knowledge objects.

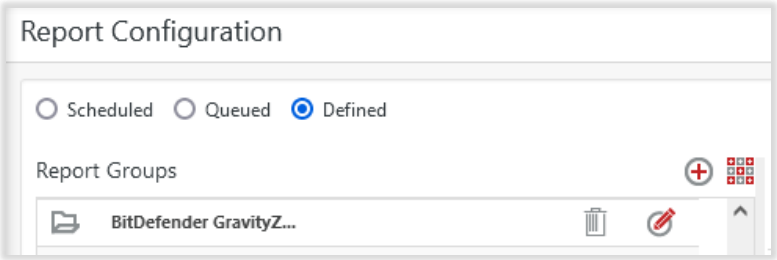


6.4 Reports

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

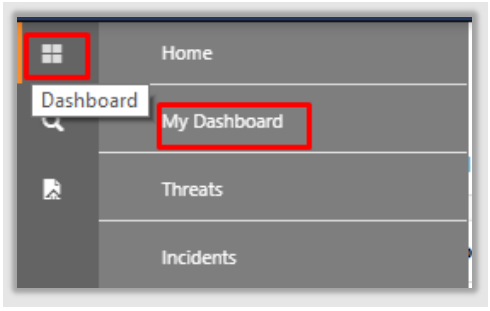


2. In **Reports Configuration** pane, select the **Defined** option.
3. Click on the **Bitdefender GravityZone** group folder to view the imported reports.

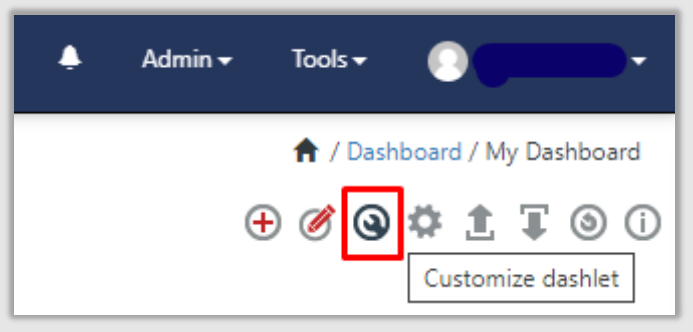


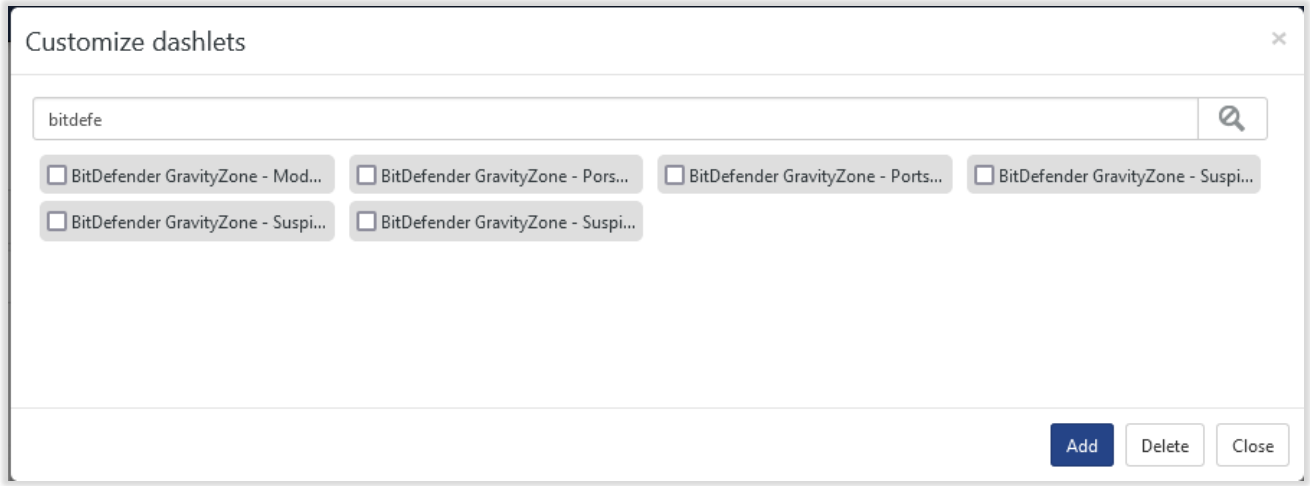
6.5 Dashboard

1. In the EventTracker web interface, click on Home Button and select **My Dashboard**.



2. Select **Customize daslets** and type **Ubiquiti** in the search bar.





About Netsurion

Flexibility and security within the IT environment are two of the most important factors driving business today. Netsurion's cybersecurity platforms enable companies to deliver on both. Netsurion's approach of combining purpose-built technology and an ISO-certified security operations center gives customers the ultimate flexibility to adapt and grow, all while maintaining a secure environment.
Netsurion's EventTracker cyber threat protection platform provides SIEM, end protection, vulnerability scanning, intrusion detection and more; all delivered as a managed or co-managed service.
Netsurion's BranchSDO delivers purpose-built technology with optional levels of managed services to multi-location businesses that optimize network security, agility, resilience, and compliance for branch locations. Whether you need technology with a guiding hand or a complete outsourcing solution, Netsurion has the model to help drive your business forward. To learn more visit netsurion.com or follow us on Twitter or LinkedIn. Netsurion is #19 among MSSP Alert's 2020 Top 250 MSSPs.

Contact Us

Corporate Headquarters
Netsurion
Trade Centre South
100 W. Cypress Creek Rd
Suite 530
Fort Lauderdale, FL 33309

Contact Numbers
EventTracker Enterprise SOC: 877-333-1433 (Option 2)
EventTracker Enterprise for MSP's SOC: 877-333-1433 (Option 3)
EventTracker Essentials SOC: 877-333-1433 (Option 4)
EventTracker Software Support: 877-333-1433 (Option 5)
https://www.netsurion.com/eventtracker-support