

About the connector

The Paloalto Panorama connector integrates with the Palo Alto Networks® Panorama and supports containment actions such as blocking URLs or IP addresses on the devices configured on Panorama.

This document provides information about the Paloalto Panorama connector, which facilitates automated interactions with Palo Alto Networks® Panorama using CyOPs™ playbooks. Add the Paloalto Panorama connector as a step in CyOPs™ playbooks and perform automated operations, such as blocking or unblocking URLs, IP addresses, or applications that you have specified and retrieving a list of connected firewalls from Panorama.

Version information

Connector Version: 1.0.1

Authored By: CyberSponse, Inc.

Certified: No

Release Notes for version 1.0.1

Following enhancements have been made to the PaloAlto Panorama connector in version 1.0.1:

- Updated the name of the connector from Panorama to PaloAlto Panorama.
- Renamed the List of Connected Firewalls operation to Get Connected Firewalls.
- Updated the configuration parameter name Address Group to IP Address Group.

Installing the connector

All connectors provided by CyOPs™ are delivered using a CyOPs™ repository. Therefore, you must set up your CyOPs™ repository and use the `yum` command to install connectors:

```
yum install cyops-connector-paloalto-panorama
```

For the detailed procedure to install a connector, click [here](#).

Prerequisites to configuring the connector

- You must have the URL of Palo Alto Networks® Panorama server to which you will connect and perform automated operations and credentials to access that server.
- To access the CyOPs™ UI, ensure that port 443 is open through the firewall for the CyOPs™ instance.

Configuring the connector

For the procedure to configure a connector, click [here](#).



Actions supported by the connector

The following automated operations can be included in playbooks, and you can also use the annotations to access operations from CyOPs™ release 4.10.0 onwards:

Function	Description	Annotation and Category
Block IP	Blocks the IP address that you have specified on all or selected devices configured on Panorama.	block_ip Containment
Unblock IP	Unblocks the IP address that you have specified on all or selected devices configured on Panorama.	unblock_ip Remediation
Block URL	Blocks the URL that you have specified on all or selected devices configured on Panorama.	block_url Containment
Unblock URL	Unblocks the URL that you have specified on all or selected devices configured on Panorama.	unblock_url Remediation
Block Application	Blocks the application that you have specified on all or selected devices configured on Panorama.	block_app Containment
Unblock Application	Unblocks the application that you have specified on all or selected devices configured on Panorama.	unblock_app Remediation
Get Connected Firewalls	Retrieves a list of all configured firewalls from Panorama.	

operation: Block IP

Input parameters

Parameter	Description
IP Address	IP address that you want to block using Panorama.
Device group to configure	Device group on which you want to block the IP address.

Output

The output contains a non-dictionary value.



operation: Unblock IP

Input parameters

Parameter	Description
IP Address	IP address to unblock using Panorama.
Device group to configure	Device group on which you want to block the IP address.

Output

The output contains a non-dictionary value.

operation: Block URL

Input parameters

Parameter	Description
URL	URL to block using Panorama.
Device group to configure	Device group on which you want to block the URL.

Output

The output contains a non-dictionary value.

operation: Unblock URL

Input parameters

Parameter	Description
URL	URL to unblock using Panorama.
Device group to configure	Device group on which you want to unblock the URL.

Output

The output contains a non-dictionary value.



operation: Block Application

Input parameters

Parameter	Description
Application Name	Name of application to block using Panorama.
Device group to configure	Device group on which you want to block the application.

Output

The output contains a non-dictionary value.

operation: Unblock Application

Input parameters

Parameter	Description
Application Name	Name of application to unblock using the Panorama.
Device group to configure	Device group on which you want to unblock the application.

Output

The output contains a non-dictionary value.

operation: Get Connected Firewalls

Input parameters

None.

Output

The output contains a non-dictionary value.



Included playbooks

The `Sample - Paloalto-Panorama - 1.0.1` playbook collection comes bundled with the Paloalto Panorama connector. These playbooks contain steps using which you can perform all supported actions. You can see bundled playbooks in the **Automation > Playbooks** section in CyOPs™ after importing the Paloalto Panorama connector.

- Block Application
- Block IP
- Block URL
- Get Connected Firewalls
- Unblock Application
- Unblock IP
- Unblock URL

Note: If you are planning to use any of the sample playbooks in your environment, ensure that you clone those playbooks and move them to a different collection since the sample playbook collection gets deleted during connector upgrade and delete.

