



VM-Series Firewall for OpenStack Heat Templates Release Notes

Revision Date: February 28, 2017

Review important information about what's new in the VM-Series firewall for OpenStack Heat templates.

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What's New

The OpenStack Heat Orchestration template (HOT) allows you to deploy the VM-Series firewall on the KVM hypervisor running on a compute node in your OpenStack environment. The Heat template also deploys a Linux server to verify that the firewall is securing a back-end web server. To deploy the solution, download the following files from [GitHub](#):

- **pan_basic_gw.yaml**—Heat template to deploy the VM-Series firewall and a Linux server.
- **pan_basic_gw_env.yaml**—Heat template environment file.
- **init-cfg.txt** and **bootstrap.xml**—Bootstrap files to deploy the VM-Series firewall with basic configuration.

The VM-Series firewall for OpenStack supports PAN-OS 7.1.4 or later and PAN-OS 8.0 or later. For more information on deploying the VM-Series firewall on OpenStack, see the [7.1](#) or [8.0](#) VM-Series Deployment Guide.



Getting Help

▲ [Related Documentation](#)

▲ [Requesting Support](#)

Related Documentation

Refer to the following 7.1 documentation on the [Technical Documentation portal](#) or [search](#) the documentation for more information on our products:

- [7.1 PAN-OS Administrator's Guide](#)—Provides the concepts and solutions to get the most out of your Palo Alto Networks next-generation firewalls. This includes taking you through the initial configuration and basic set up on your Palo Alto Networks firewalls.
- [7.1 Panorama Administrator's Guide](#)—Provides the basic framework to quickly set up the Panorama™ virtual appliance or an M-Series appliance for centralized administration of the Palo Alto Networks firewalls.
- [7.1 VM-Series Deployment Guide](#)—Provides details on deploying and licensing the VM-Series firewall on all supported hypervisors. It includes example of supported topologies on each hypervisor.
- [7.1 Online Help System](#)—Detailed, context-sensitive help system integrated with the firewall web interface.

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- [8.0 PAN-OS Administrator's Guide](#)—Provides the concepts and solutions to get the most out of your Palo Alto Networks next-generation firewalls. This includes taking you through the initial configuration and basic set up on your Palo Alto Networks firewalls.
- [8.0 Panorama Administrator's Guide](#)—Provides the basic framework to quickly set up the Panorama™ virtual appliance or an M-Series appliance for centralized administration of the Palo Alto Networks firewalls.
- [8.0 VM-Series Deployment Guide](#)—Provides details on deploying and licensing the VM-Series firewall on all supported hypervisors. It includes example of supported topologies on each hypervisor.
- [8.0 Online Help System](#)—Detailed, context-sensitive help system integrated with the firewall web interface.

Requesting Support

For contacting support, for information on support programs, to manage your account or devices, or to open a support case, refer to <https://www.paloaltonetworks.com/support/tabs/overview.html>.

To provide feedback on the documentation, please write to us at: documentation@paloaltonetworks.com.

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