



## VM-Series Firewall Auto Scaling Template for AWS (v2.0) Release Notes

Revision Date: February 5, 2018

Review important information about open issues and workarounds, and issues that are addressed in the current version of the VM-Series Firewall Auto Scaling template.

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## What's New

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The VM-Series Firewall Auto Scaling Template for AWS allows you to deploy an auto scaling tier of VM-Series firewalls in a AWS load balancer sandwich topology. [Version 2.0](#) of the template includes many changes that simplify the workflow for securing a larger number of application workloads for single or multi-VPC deployments within a single AWS account and cross-account deployments.

To help you manage increased application scale, version 2.0 of the template leverages the AWS ELB service and includes the following changes:

- New hub and spoke architecture that simplifies deployment.
- Multiple VPC architecture support for single, large VPC or many smaller VPCs.
- Native integration for publishing custom PAN-OS metrics to AWS CloudWatch
- Template design separation to simplify customization and enable better supportability of the VM-Series firewalls deployed using the auto scaling template.
- Automated NAT policy rules created on the firewalls to support new applications in your AWS environment.



## Known Issues

The following list describes known issues in the VM-Series Auto Scaling Template for AWS version 2.0:

Issue ID	Description
HYPI-121	You cannot deploy the auto scaling template in Sao Paolo (sa-east-1). This is because some of the resources that the template requires are not available in the Sao Paolo region.
HYPI-189	If you are using Panorama to manage the firewalls deployed using the template, the firewalls deployed using the PAN-OS 8.0.6 AMI report the status as <b>Out of Sync</b> for Shared Policy and Templates on <b>Panorama &gt; Managed Devices</b> .
HYPI-207	<p>When you deploy the application template multiple times in the same region within the same account, you must provide a unique name (instead of default name) for the AWS DynamoDB table.</p> <p>If you use the default table name, the same table is reused across multiple instances of the application stack and results in a port mismatch issue when you delete a stack. The mismatch can cause firewalls to route traffic to the wrong network load balancer.</p>
HYPI-208	The template stack name must be 128 characters or less. A longer stack name results in a template validation error and results in a failure to deploy the stack.
HYPI-211	Bootstrapping fails in the Ohio and Oregon regions, when you create a new S3 bucket and reference it when launching the template.



For PAN-OS 8.0 issues, refer to the

- Known issues for [8.0](#), the page includes a link for critical updates.
- Addressed Issues for [8.0](#).





# Getting Help

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▲ [Related Documentation](#)

▲ [Requesting Support](#)

## Related Documentation

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

- **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 for [PAN-OS 8.0](#).
- **Panorama Administrator's Guide**—Provides the basic framework to quickly set up the Panorama™ virtual appliance or an M-Series appliance on version [8.0](#) for centralized administration of the Palo Alto Networks firewalls.
- **VM-Series Deployment Guide**—Provides details on deploying and licensing the VM-Series firewall on all supported hypervisors for [PAN-OS 8.0](#).
- **Online Help System**—Detailed, context-sensitive help system [PAN-OS 8.0](#) 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](mailto:documentation@paloaltonetworks.com).

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