A starter guide to getting FortiManager up and running on AWS

Networks are constantly evolving due to threats, organizational growth, or new regulatory/business requirements. Traditional management products focus on mitigating company-wide threats through firewall policies, firmware updates, and keeping content security current. FortiManager offers the features to contain threats and provides flexibility to evolve along with your ever-changing network.

The FortiManager family delivers the versatility you need to effectively manage your Fortinet-based security infrastructure. FortiManager drastically reduces management costs, simplifies configuration, and accelerates deployment cycles, whether you are deploying new devices, installing security policies, or distributing updates.

FortiManager also provides crucial timesaving features like device auto-discovery, group management, global policies, auditing facilities, and the ability to manage complex VPN environments. FortiManager, coupled with the FortiAnalyzer family of centralized logging and reporting appliances, provides a comprehensive and powerful centralized management solution for your organization.

Why FortiManager for AWS?

Available as a VM on AWS Marketplace, the FortiManager VM is ideal for orchestrating and protecting both public cloud and hybrid deployments. It is available on AWS through the BYOL model.
1. First, create a VPC. In AWS console, go to Services -> VPC. On dashboard, select “Start VPC Wizard.”

2. Select VPC with Public and Private Subnets.
3. Create public subnet 10.0.0.0/24 and private subnet 10.0.1.0/24. Before creation, click to “Use a NAT instance instead.” VPC creation can take a few minutes to accomplish.

4. Select Subnets on the left menu and check the results of the VPC Wizard.

5. Create an EC2 instance with FortiManager. Click Services -> EC2. On dashboard, select “Launch Instance.”
6. Choose AWS Marketplace and find FortiManager.
7. Click Select. The default setting for instance size can stay unchanged.
8. Click “Configure Instance Details,” then set proper VPC and add second interface in private subnet (10.0.1.18).
Step 7: Review Instance Launch
Please review your instance launch details. You can go back to edit changes for each section. Click Launch to assign a key pair to your instance and complete the launch process.

- **AMI Details**
  Fortinet FortiManager-VM
  FortiManager VM8-AWG build6789 (2.2.2) Release
  Root Device Type: ebs
  Virtualization Type: paravirtual
  Hourly Software Fees: $0.90 per hour on m3.2xlarge instance
  Software charges will begin once you launch this AMI and continue until you terminate the instance.
  By launching this product, you will be subscribed to this software and agree that your use of this software is subject to the pricing terms and the seller’s End User License Agreement.

- **Instance Type**
<table>
<thead>
<tr>
<th>Instance Type</th>
<th>ECUs</th>
<th>vCPUs</th>
<th>Memory (GB)</th>
<th>Instance Storage (GB)</th>
<th>EBS-Optimized Available</th>
<th>Network Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>m3.2xlarge</td>
<td>20</td>
<td>8</td>
<td>30</td>
<td>2 x 90</td>
<td>Yes</td>
<td>High</td>
</tr>
</tbody>
</table>

- **Security Groups**
10. Select existing key pair or create new key pair and click “Launch Instance.” When instance ID shows up, collect it for future steps.
11. Assign public IP address to interface in Public subnet. In EC2 service, click on “Elastic IPs” -> Allocate New Address -> Confirm by clicking “Yes, Allocate.” Then select new public IP and assign it to instance ID from previous step.

12. Within the AWS Console, go back to EC2 Service -> “Instances.” Search for FortiManager-VM instance.
Create URL https://<Public DNS>/admin and open it in new web browser tab. Instance ID is also default password. Copy it and go to tab with login screen.

13. Log in to FortiManager using “admin” as username and the instance ID as password.
14. Click on the option to enter the license.
15. Download license from [https://support.fortinet.com](https://support.fortinet.com). After login, go to “Asset” -> “Manage Products” and select license for FortiManager VM.
16. Enter the correct IP Address as seen on the FortiManager VM (in this case, 10.0.0.18) and generate the license.
17. Click on “License File Download.” The file with the license will be saved locally.
18. Choose the selected License file from the FortiManager UI and select ok.
19. This should bring up your FortiManager and you should now be able to access and configure it.
Support

For more use cases on Fortinet products and support, please visit www.fortinet.com/aws and Fortinet cloud security solution.