FORUM SYSTEMS SENTRY™ VERSION 9.1 AMAZON AMI INSTALLATION GUIDE

Table of Contents

List of Figures

INTRODUCTION TO THE AMAZON AMI INSTALLATION GUIDE

Audience for the Amazon AMI Installation Guide

The *Forum Systems Sentry™ Version 9.1 Amazon AMI Installation Guide* is for IT or Network Administrators who will install the virtual Amazon AMI based form factor of the Forum Sentry API Security Gateway.

Documentation Set

For the full documentation set, FAQs, best practices, security advisories, and more, please visit the Forum Systems Support Help Desk site.

Several chapters in this document link to Help Desk articles.

Minimum Requirements

All instances available within Amazon AWS for Forum Sentry have been designated with the minimum requirements to run Forum Sentry. These requirements are documented in the Help Desk article linked below:

Forum Sentry Amazon AMI Requirements

AMAZON AMI INSTALLATION PROCEDURE

Overview

The Forum Sentry AMI is available to launch either from the AWS Marketplace or directly from the AWS EC2 Management console. Once you have launched an AWS Instance from the Forum Sentry AMI, you will need to license Sentry and configure an administrator account.

The Forum Sentry AMI is a BYOL (bring your own license) which means a license from Forum Systems is required to use the product and the AWS usage fees are separate.

Launching the Forum Sentry AMI from the AWS Marketplace

1. Find the Forum Sentry AMI in the AWS Marketplace either by searching for "Forum Sentry" or using the following link: Forum Sentry AMI in AWS Marketplace
2. Click the "Continue to Subscribe" button to start the launch wizard.
3. Follow the prompts to configure and launch an AWS Instance from this AMI in the desired region.
4. Be sure to select an instance type that meets the minimum requirements.
5. Once launched, follow the instructions in this guide for licensing Forum Sentry.

Launching the Forum Sentry AMI from the AWS EC2 Management Console

1. Launch the EC2 Management Console and navigate to the desired region.
2. Under Images → AMIs change the filter option to "Public images".
3. Search for "Sentry" to locate the latest AMI. An example name is "Sentry AMI - 9.1.39-2027796a-fd73-4f4f-bf04-13a32a7d3355-ami-0de5ee456446d8f03.4". If you are unclear on which AMI to launch, please contact Forum Systems Support at support@forumsys.com for the AMI ID. Note that the AMI ID is different for each region.
4. Click Launch and continue to the next screen to launch your Forum Sentry AMI instance.
5. Ensure that the EC2 Security Group allows access on TCP ports 5050 and 22 from your location.

Accessing the Forum Sentry Instance

1. Once launched, your EC2 instance should have a public IP and DNS name.
2. Launch a web browser and go to either the IP or the DNS name on HTTPS port 5050. For instance, use https://[DNS Name]:5050/ to access the Forum Sentry Web Administration (WebAdmin) interface.
3. When accessing the WebAdmin, a security alert screen may appear for the default SSL Certificate used by Sentry. Accept this certificate to access the WebAdmin interface. The SSL certificate can then be changed from the System->Settings->System page.

Forum Sentry Licensing

The Forum Sentry AMI is a BYOL product. This requires a license be obtain from Forum Systems to use the product.

Forum Sentry v9.1 supports both Permanent licensing (instance based and Floating licensing (from an elastic license server). For more information on the elastic licensing model please contact Forum Systems Support and/or review the Forum Sentry License Server User Guide.

To obtain a permanent license you must send the requested information to Forum Systems. You can click directly on the licenses@forumsys.com to auto-populate your email client with the information required. Otherwise, please copy and paste the text into your email rather than sending a screenshot of the page.

Please be sure to include your Purchase Order reference from your purchase. If you do not have a PO and would like to evaluate the product, temporary licenses are available upon request.

LICENSE WARNING

A license for the server was not detected.

To request a floating license, please fill in the form below.

If a permanent license has already been obtained, upload the license in the form below.

To obtain a permanent license, please email licenses@forumsys.com or contact Forum Systems Customer Service at (888) 811-0060 and provide the following information:

- Name
- Company Name
- Purchase Order
- Email Address
- Server ID — EC290346-9CBB-235E-2D58-C26FC850B4E9
- Product — Sentry
- Product Version — 8.11.39
- Operating System — ForumOS
- Cores — 2

LICENSE REQUEST

| Licensing Model: | ○ Floating ● Permanent |
| License File*: | Choose File No file chosen |

Save

Figure 1: Example License Warning Screen.

Importing a Permanent License

Once the permanent license has been received, the license XML file needs to be imported on the server running the software.

1. The email will contain full instructions, the process is straight forward. Simply select the license file and click Save.
2. Upon success, you will be prompted to create your Admin account which you can now use to access the WebAdmin and CLI (SSH) interfaces.
3. SSH into the instance using the same IP or DNS name used to access the WebAdmin interface, using the Admin account created in the previous step.
4. Upon first SSH access, you are prompted to enter an Enable Mode password – which is machine specific and not related to the Admin account.
5. The setup is now complete.

Utilizing the Floating License Model

If an existing Forum License Server is available to use, select the Floating licensing model to bring up the options.

Figure 2: The Floating License Options.

The steps to utilize the Floating License model are as follows:

1. Enter the IP or DNS name of the production license server in the "License Server" field.
2. Enter the port of the license server.
3. Enter the IP or DNS name of the DR license server in the "Disaster Recovery Server" field.
4. Enter the port of the DR license server.
5. Select the license type (note the type must be available on the server).
6. Enter the lease time (in minutes).
7. Choose whether or not to have this Sentry instance return the license to the server upon shutdown by enabling or disabling "Auto Release"
8. Click Save.
9. Upon success, you will be prompted to create your Admin account which you can now use to access the WebAdmin and CLI (SSH) interfaces.
10. SSH into the instance using the same IP or DNS name used to access the WebAdmin interface, using the Admin account created in the previous step.
11. Upon first SSH access, you are prompted to enter an Enable Mode password – which is machine specific and not related to the Admin account.
12. The setup is now complete.

Next Steps

Once the admin account is created, you can now log into your Forum Sentry instance. For more information on configuration and management, please refer to the following resources:

Forum Sentry Quick Start Guide
Forum Sentry WebAdmin Overview Video

To contact Forum Systems Support please visit the Help Desk or email support@forumsys.com.