

Rocky Linux 9 OS setup in AWS cloud

Prerequisites:

Customer already has an AWS account (with privileges to launch required EC2 instances)	Squire's Install Team has suggested:
	System size (small, medium or large) for the project
	Usable instance types for this SVI deployment
	Deployment in single or multiple Availability Zones
	The usage of an existing VPC/subnet or need for a new ones
	Tenancy options

Procedure:

1. Before logging into AWS console, navigate to <https://aws.amazon.com/>
2. Choose **AWS Marketplace** and then **Operating Systems** under Categories list.
3. Search for "rocky 9" using the top search bar, then choose **Rocky Linux 9 (Official) - x86_64** by



4. Select it to see a product overview then click **Continue to Subscribe** button.
5. You will be directed to log into your AWS console.
6. **Sign in** then click **Continue to Configuration** button; a new page opens. Please set the following options:
 - 6.1. Delivery Method is **64-bit (x86) Amazon Machine Image (AMI)**
 - 6.2. Software Version is **9.2.20230513 (May 16, 2023)**
 - 6.3. Region: select the **region** where you want to deploy to.
7. Click **Continue to Launch** button. On the next page Choose Action – **Launch through EC2**
8. Click **Launch** button.

Next, you'll need to select an appropriate **Instance type** for the SVI as per consultation with Squire's Install team.

Select the appropriate **Key pair** for login purposes.

Maintain all default settings unless specified below:

Edit **Network settings** by clicking **Edit** button:

- 8.1. **Network:** choose an existing or create a new VPC (as per consultation with Squire's Install team).
- 8.2. **Subnet:** choose an existing or create a new VPC (as per consultation with Squire's Install team).
- 8.3. Choose an existing **Security group** or create a new one
- 8.4. Open **Advanced network configuration** and fill in: **Primary IP**=x.x.x.x (as per design; Auto-assign isn't supported)

- 8.5. Set storage type to **gp3** or better, and configure storage size as per consultation with Squire's Install team
- 8.6. **Tenancy**: select an option (as per consultation with Squire's Install Team).
9. Click the **Launch instance** button
10. To view it click **View Instances** button at the bottom of the screen.

Check network configuration and reachability:

AWS automatically sets up networking at launch. Once the instance is running, **log in using SSH protocol** and test networking by pinging an external target (e.g. ping www.yahoo.com). Assumption is that instance will be launched in a public subnet or external access uses a NAT Gateway or NAT instance.

--- End of guide --