



# Performing Server Maintenance on a Bare-Metal Host

Avi Technical Reference (v20.1)

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## Overview

Server maintenance can be any one of the following: Host-OS upgrade, security patches, kernel updates, etc. To perform any maintenance on a bare-metal host in an Avi Vantage Linux server cloud, the user should perform one or more of the following recommended procedures, as appropriate to the situation.

### Procedure for Server Hosting Service Engine(s):

- Disable the affected SE by navigating to Infrastructure > Service Engine > Select SE > Disable.
- Log into the host upon which maintenance is to be performed.
- Execute:

```
systemctl stop avise
systemctl stop docker
```

- Perform whatever host maintenance is required.
- Start Docker and Avi Services by executing:

```
systemctl start docker
systemctl start avise
```

- Enable the Service Engine by navigating to Infrastructure > Service Engine > Select SE > Enable.

*NOTE: Please make sure to perform one server maintenance at a time if you are performing server maintenance on bare-metal hosts containing Controllers.*

### Procedure for Server Hosting Controller(s):

- Log into the host upon which maintenance is to be performed.
- Execute

```
systemctl stop avicontroller
systemctl stop docker
```

- Perform whatever host maintenance is required.
- Start Docker and Avi Services by executing:

```
systemctl start docker
systemctl start avicontroller
```

### Procedure for Server Hosting Both Controller(s) and Service Engine(s):

- Disable the affected SEs affected by navigating to Infrastructure > Service Engine > Select SE > Disable.

- Log into the host upon which maintenance is to be performed.

```
systemctl stop advise
systemctl stop avicontroller
systemctl stop docker
```

- Perform whatever host maintenance is required.
- Start Docker and Avi Services by executing:

```
systemctl start docker
systemctl start avicontroller
systemctl start advise
```

- Enable Service Engine(s) by navigating to Infrastructure > Service Engine > Select SE > Enable.

**Note:** Use the `systemctl restart advise` command for triggering SE container restart from the host. Do not use the `docker restart advise` command, this command is not recommended.

The recommended method is to stop all the SE services before container is restarted. This flow is followed by `systemctl` and hence is the recommended way to trigger container reboot.