

# Container Management

## Introduction

This section will outline the steps necessary to patch and maintain the CMS software delivered as containers.

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## Patch Docker Host

### Purpose

Deploy the latest updated to the Docker host itself.

### Permission Level

Docker Host Administrator

### Notes

- You will likely need to enable the firewall ruleset that allows SSH access into the Docker host.
- If necessary, execute `docker logs [container name]`.

### Steps

1. Connect via SSH to the host.
  2. Execute **`sudo apt update`**
  3. Execute **`apt list --upgradable`**
  4. Execute **`sudo apt upgrade -y`**
  5. Execute **`cd /mnt/cms`**
  6. Execute **`docker ps -a`**
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## Update Containers

### Purpose

Update all containers in the CMS service to the latest version.

### Permission Level

Docker Host Administrator

### Notes

- You will likely need to enable the firewall ruleset that allows SSH access into the Docker host.

## Steps

1. Connect via SSH to the host.
  2. Execute **cd /mnt/cms**
  3. Execute **docker compose down**
  4. Execute **docker compose pull**
  5. Execute **docker compose up -d**
  6. Execute **docker ps -a**
  7. Execute **docker system prune -a**
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