

1 . Installation

- Installation of configuration management technology by the site admin.
- Installation and configuration of the SIMPLE central configuration manager modules implemented in the chosen configuration management technology.
- Preparation of the Site Level Configuration File.

2 . Configuration

- Process Site Level Configuration File.
- Validate Site Level Configuration File.
- Validate Site Infrastructure.

3 . Pre-Deployment

- Install Container Orchestrator.
- Implement a networking strategy for the containers.
- Aggregate lifecycle callback scripts for each component repository.

4 . Deployment

- Download component repositories on their respective nodes.
- Prepare Lightweight Component hosts for deploying containers (configure Firewalls, SELinux, CVFMS etc.).
- Deploy containers on the respective hosts and appropriately execute the lifecycle callbacks.

5 . Testing

- Test state of the hosts that were configured by the CCM.
- Perform tests to validate the success/failure of the end to end configuration.

6. Reporting/Cleanup

- Remove temporary files etc.
- Generate reports and logs to summarize all stages and the overall configuration.