

## 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
- Description 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
- Submit test jobs to the compute element to validate the success/failure of the end to end configuration.

## 6. Reporting/Cleanup

- Remove temporary files and restore original state of the hosts.
- Generate reports and logs to summarize all stages and the overall configuration.