

## Day - 1

- **The Basics: Installing and Testing**

- Installing Salt
- Salt Topology and Security
- Targeting Minions
- Running Remote Commands

- **Creating and Consuming Runners**

- Installing Packages
- Downloading Source Code Using Git
- Run Commands in Response to Configuration Changes
- Advanced Package Management
- Using Requisites
- Easy Custom Services with Supervisor
- Restart from Scratch

- **Grains: Machine-specific Data**

- Your Next Challenge: Horizontal Scaling
- Review: Applying States
- Introduction to Grains
- Reading and Writing Grains In-depth
- Role-based Configuration Management
- Provisioning Using Role-based Configuration Management
- Load Balancing Configuration via a New Role

- **Pillar and Templating: Parameterizing States**

- Another Challenge: SSL
- Introduction to Pillar
- Demo: Reading and Writing Pillar Data
- Review: Defining and Viewing Pillar Data
- Demo: Using Pillar Data in State Definitions

- **Orchestration and Mining: Coordinating Configuration Changes**

- Introducing the Salt Mine
- Using Mine Data in States
- Introduction to Orchestration
- A Simple Orchestration
- Preparing for a Rolling Upgrade Orchestration
- Rolling Upgrade Orchestration