

SALTSTACK®

SaltStack Enterprise I

Training Syllabus

The SaltStack Enterprise I training course provides IT teams the fundamental skills needed to use SaltStack Enterprise to manage any infrastructure.

PREREQUISITES

System administration experience.

OVERVIEW

The course begins with installation, configuration, creating targets, and the use of remote execution for basic management tasks using SaltStack Enterprise. It then builds on those concepts with the implementation of Salt states.

The Salt states training content includes the creation of SLS files and state trees, setting requisites and declarations, and using the default YAML and Jinja renderers. There is instruction on utilizing Salt grains, pillars in state files, setting up RBAC in the SaltStack Enterprise console, specific Windows modules, and the Enterprise API.

Additional topics include Salt Runners, Reactors, Beacons, and orchestration.

CERTIFICATION

Completing Salt Open Source Foundations OR SaltStack Enterprise I, AND SaltStack Enterprise II will prepare an attendee to sit for the **SaltStack Certified Engineer (SSCE)** exam.

OFFERING

All students are provided:

- A digital training manual (PDF)
- A Salt Cloud environment for hands-on labs during training

This training is offered publically at SaltStack headquarters in Lehi, UT with virtual instructor-led (vILT) access for remote attendees on the five half-day format. When offered privately, on-site training follows a three-day format.

FORMAT

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COURSE TECHNICAL REQUIREMENTS

SaltStack training technical prerequisites include:

- **Video conferencing** - If attending remotely, we typically use Zoom for remote attendees. If an alternative video conferencing technology is used, technical requirements will be provided.
- **Labs** - Each student will be given a group of Linux and Windows virtual machines hosted in AWS. You will need to be able to browse to the SaltStack Enterprise console (port 443) from your network to access it.

COURSE SECTIONS

- Introduction
- Salt Concepts and Terminology
- Installation and Configuration
- Targeting
- Remote Execution and Job Management
- Basic States
- Requisites and Declarations
- Using Jinja with Salt Windows
- Specific Modules
- Salt Orchestration
- Reactors and Beacons
- Security in SaltStack Enterprise
- Security Scans
- SaltStack Enterprise API (eAPI)
- Salt Cloud

CONTACT INFORMATION

SaltStack training location

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