

# CCNP Data Center Certification Prep: Automation and Orchestration

This Cisco Data Center Automation, Orchestration, and Scripting training covers how to automate your Cisco data center processes with special tools specially made to enable orchestration as well as hand-written scripts.

[CBT Nuggets course material](#) →

## WEEK 1

### Configuration Management

158 min.

Intro	1
Archive	9
Configuration Replace	12
Configuration Rollback	12
Snapshots	11
Using EEM and Scheduler	9
Review and Quiz	7

### Intro to Linux

Overview	1
Intro	1
What is Linux?	8
Linux Distributions	13
Interacting with the System	10
Get Started with Bash Shell	14
Review and Quiz	6

### Manage Linux and Containers

Overview	1
Intro	1
The Storage System	13
The Storage System on the CLI	9
Package Management	9
Networking	9

## WEEK 2

150 min.

Containers and Docker 15

Review and Quiz 6

## **Using Shells and Containers**

Overview 1

Intro 1

Understanding the Bash Shell 5

Using the Bash Shell and Docker 16

Understanding the Guest Shell 8

Using the Guest Shell to Run Applications 16

Review and Quiz 6

## **NX-API and Scripting**

Overview 1

Supplemental File 1

Intro 1

The NX-API 14

The NX-API Sandbox 10

Using Postman with REST 10

Scripting with Python 14

Automation with Ansible 17

Review and Quiz 4

Supplemental Files 1