

Automating AWS VPC Tutorial

A Virtual Private Cloud is like your headquarters in the AWS cloud ecosystem. From a VPC, you can launch all the AWS resources that make your cloud network uniquely valuable to your organization. From the foundation of a VPC, you can provision and launch databases, virtual servers, load balancers, and more. This Automating AWS VPC Tutorial training covers how to automate the setup and management of Virtual Private Cloud instances and resources using built-in AWS tools & services.

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WEEK 1

Build AWS Virtual Private Clouds (VPC) with PowerShell

157 min.

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Find VPC Automation Commands in AWS Tools for PowerShell	8
Create a VPC using AWS Tools for PowerShell	10
Create VPC with Tags using AWS Tools for PowerShell	12
Attach an Internet Gateway to Your VPC with PowerShell	6
Create VPC Subnet and Modify Main Route Table	16

Provision AWS VPCs Using Ansible Playbooks

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Explore AWS Ansible Collections and Install Tooling	10
Define an Amazon VPC in Ansible Playbook	13
Add Amazon VPC Subnets to Ansible Playbook	12
Configure DHCP Option Set for Amazon VPC in Ansible	6

Securely Connect Local Network Devices to AWS VPC with ZeroTier

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WEEK 2

25 min.

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