



AWS Virtual Private Cloud (VPC) Configuration

PART 1: Basic VPC Configuration

- 1: Welcome
- 2: Create VPC Container (Two Methods)
 - VPC and More Wizard **(W)**
 - Manually **(M)**
- 3: Create VPC Subnets **(W, M)**
- 4: Create Internet Gateway & Attach to VPC **(W, M)**
- 5: Create Security Group With SSH, ICMP, HTTP and HTTPS **(W, M)**
- 6: Create Elastic IP's **(M)**
- 7: Create NAT Gateways **(M)**
- 8: Create Route Tables & Attach to Internet and NAT Gateways **(W, M)**
- 9: Attach Route Tables to Subnets **(W, M)**
- 10: Create Key Pair (.PEM File) **(M)**
- 11: Create EC2 Instances **(M)**
 - **DEMO: Explore The New EC2 Instances Using EC2 Dashboard**

PART 2: EC2 Instance Connect Endpoint (EICE)

- 12: Create EICE Endpoint
- 13: Create IAM Policy (EICE Policy)
 - **DEMO: Explore New VPC Using EC2 Dashboard with EICE Endpoint**
- 14: Create IAM Access Key for AWS CLI
- 15: Configure AWS CLI
 - **DEMO: Connect to VPC Using EICE & CLI**

PART 3: Session Manager (SSM)

- 16: Create IAM Role (SSM & EC2 Role) For EC2 Instances
- 17: Fleet Manager: Enable Default Host Management for EC2
- 18: Attach IAM Role (SSM & EC2 Role) To EC2 Instances to Be SSM Managed
 - **DEMO: Connect to VPC Using SSM & CLI**

The End