Networking in Google Cloud v2.0

Code: GCP-NET
Length: 2 days
URL: View Online

This training course builds on the networking concepts covered in the Architecting with Google Compute Engine course. Through presentations, demonstrations, and labs, participants explore and deploy Google Cloud networking technologies. These technologies include: Virtual Private Cloud (VPC) networks, subnets, and firewalls, Interconnection among networks, Load balancing, Cloud DNS, Cloud CDN, Cloud NAT. The course will also cover common network design patterns.

Skills Gained

This course teaches participants the following skills:

- Configure VPC networks, subnets, and routers and control administrative access to VPC objects.
- Route traffic by using DNS traffic steering.
- Control access to VPC networks.
- Implement network connectivity between Google Cloud projects.
- Implement load balancing.
- Configure connectivity to Google Cloud VPC networks.
- Configure private connection options to provide access to external resources and services from internal networks."
- Identify the best Network Service Tier for your needs.

Who Can Benefit

This course is intended for the following participants:

- Network engineers and Admins who are either using Google Cloud or are planning to do so
- Individuals who want to be exposed to software-defined networking solutions in the cloud

Prerequisites

- Having completed the Google Cloud Fundamentals: Core Infrastructure course or having equivalent experience.
- Having completed the Networking Fundamentals in Google Cloud quest or having equivalent experience.
- Prior understanding of the 7 layer OSI model
- Prior understanding of IPv4 addressing
- Prior experience with managing IPv4 routes

Course Details

Course Outline

- VPC Networking Fundamentals
- Controlling Access to VPC Networks
- Sharing Networks across Projects
- Load Balancing
- Hybrid Connectivity
- Private Connection Options
- Network Billing and Pricing
- Network Monitoring and Troubleshooting

Schedule (as of 3)

Date	Location	
Jul 15, 2024 – Jul 16, 2024	Live Virtual	**Enroll**

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