

Activities Firefox Web Browser Wed 17:55

VPC network - Training - Google Cloud Platform - Mozilla Firefox

Google AWS AS Setting GCP AS VPC X Using Fi Google Google Google Clo Listing Cloud S port for

https://console.cloud.google.com/networking/networks/add?project=pe-training

Google Cloud Platform Training

VPC network

VPC networks

External IP addresses

Firewall rules

Routes

VPC network peering

Shared VPC

Serverless VPC access

Create a VPC network

Name vishal-vpc

Description (Optional) VPC Network with a subnet

Subnets

Subnets let you create your own private cloud topology within Google Cloud. Click Automatic to create a subnet in each region, or click Custom to manually define the subnets. [Learn more](#)

Subnet creation mode Custom Automatic

New subnet

Name vishal-subnet-1

Add a description

Region asia-east1

IP address range 10.0.0.0/28

Activities Firefox Web Browser Wed 17:55

VPC network - Training - Google Cloud Platform - Mozilla Firefox

Google AWS AS Setting GCP AS VPC X Using Fi Google Google Google Clo Listing Cloud S port for

https://console.cloud.google.com/networking/networks/add?project=pe-training

Google Cloud Platform Training

VPC network

VPC networks

External IP addresses

Firewall rules

Routes

VPC network peering

Shared VPC

Serverless VPC access

Create a VPC network

Private Google access

On Off

Flow logs

Turning on VPC flow logs doesn't affect performance, but some systems generate a large number of logs, which can increase costs in Stackdriver. [Learn more](#)

On Off

Done Cancel

+ Add subnet

Dynamic routing mode

Regional

Cloud Routers will learn routes only in the region in which they were created

Global

Global routing lets you dynamically learn routes to and from all regions with a single VPN or interconnect and Cloud Router

DNS server policy (Optional)

No server policy

Create Cancel

Equivalent REST or command line

Activities Firefox Web Browser Wed 17:56

VPC network - Training - Google Cloud Platform - Mozilla Firefox

Google Pavanku AWS AS Setting GCP AS VPC X Using Fi Google Google Google Clo Listing Cloud S port for

https://console.cloud.google.com/networking/networks/details/vishal-vpc?project=pe-tr

Google Cloud Platform Training

VPC network VPC network details EDIT DELETE VPC NETWORK HIDE INFO PANEL

VPC networks

External IP addresses

Firewall rules

Routes

VPC network peering

Shared VPC

Serverless VPC access

vishal-vpc

Description

VPC Network with a subnet

Subnet creation mode

Custom subnets

Dynamic routing mode

Regional

DNS server policy

None

Subnets Static internal IP addresses Firewall rules Routes VPC Network Peering Private service connection

Add subnet Flow logs

Name Region IP address ranges Gateway Private Google access Flow logs

Equivalent REST

Select a subnet

PERMISSIONS

Please select at least one resource.

Activities Firefox Web Browser Wed 17:57

VPC network - Training - Google Cloud Platform - Mozilla Firefox

Google Pavanku AWS AS Setting GCP AS VPC X Using Fi Google Google Google Clo Listing Cloud S port for

https://console.cloud.google.com/networking/firewalls/add?project=pe-training

Google Cloud Platform Training

VPC network Create a firewall rule

VPC networks

External IP addresses

Firewall rules

Routes

VPC network peering

Shared VPC

Serverless VPC access

Firewall rules control incoming or outgoing traffic to an instance. By default, incoming traffic from outside your network is blocked. Learn more

Name

vishal-firewall

Description (Optional)

Firewall rule to allow ssh access from only Quantiphi's IP.

Logs

Turning on firewall logs can generate a large number of logs which can increase costs in Stackdriver. Learn more

On

Off

Network

default

Priority

Priority can be 0 - 65535 Check priority of other firewall rules

1000

Direction of traffic

Ingress

Egress

Action on match

Allow

Deny

Activities Firefox Web Browser Wed 17:57

VPC network - Training - Google Cloud Platform - Mozilla Firefox

Google Pavanku AWS As Setting GCP As VPC X Using Fi Google Google Google Clo Listing Cloud S port for

https://console.cloud.google.com/networking/firewalls/add?project=pe-training

Google Cloud Platform Training

VPC network

- VPC networks
- External IP addresses
- Firewall rules
- Routes
- VPC network peering
- Shared VPC
- Serverless VPC access

Create a firewall rule

☐ Deny

Targets [?](#)
All instances in the network

Source filter [?](#)
IP ranges

Source IP ranges [?](#)
59.152.53.104/29 59.152.53.168/30

Second source filter [?](#)
None

Protocols and ports [?](#)
☐ Allow all
☒ Specified protocols and ports

☐ tcp : 20,50-60
☐ udp : all
☒ Other protocols
22

☐ Disable rule

Create Cancel

Equivalent REST or command line

Activities Firefox Web Browser Wed 17:57

VPC network - Training - Google Cloud Platform - Mozilla Firefox

Google AWS As AWS As Setting GCP As VPC X Using Fi Google Google Google Clo Listing Cloud S port for

https://console.cloud.google.com/networking/firewalls/list?project=pe-training&firewallT

Google Cloud Platform Training

VPC network

- VPC networks
- External IP addresses
- Firewall rules
- Routes
- VPC network peering
- Shared VPC
- Serverless VPC access

Firewall rules

CREATE FIREWALL RULE REFRESH DELETE

Firewall rules control incoming or outgoing traffic to an instance. By default, incoming traffic from outside your network is blocked. [Learn more](#)

Note: App Engine firewalls are managed [here](#).

Filter resources vishal Columns

Name	Type	Targets	Filters	Protocols / ports	Action	Priority	Network
<input type="checkbox"/> vishal-firewall	Ingress	Apply to all	IP ranges: 59.152.53.104/29, 59.152.53.168/30	22	Allow	1000	vishal-vpc

Activities Firefox Web Browser Wed 17:57

VPC network - Training - Google Cloud Platform - Mozilla Firefox

Google Pavanku AWS As Setting GCP As VPC X Using Fi Google Google Google Clo Listing Cloud S port for

https://console.cloud.google.com/networking/firewalls/details/vishal-firewall?project=pe

Google Cloud Platform Training

VPC network

Firewall rule details EDIT DELETE

vishal-firewall

Description
Firewall rule to allow ssh access from only Quantphi's IP.

Logs
Off
[view](#)

Network
vishal-vpc

Priority
1000

Direction
Ingress

Action on match
Allow

Source filters

IP ranges

59.152.53.104/29
59.152.53.168/30

Protocols and ports
22

Enforcement
Enabled

Firewall rule details

Activities Firefox Web Browser Wed 17:58

VPC network - Training - Google Cloud Platform - Mozilla Firefox

Google AWS As AWS As Setting GCP As VPC X Using Fi Google Google Google Clo Listing Cloud S port for

https://console.cloud.google.com/networking/networks/details/vishal-vpc?project=pe-tr

Google Cloud Platform Training

VPC network

VPC network details EDIT DELETE VPC NETWORK

HIDE INFO PANEL

vishal-vpc

Description
VPC Network with a subnet

Subnet creation mode
Custom subnets

Dynamic routing mode
Regional

DNS server policy
None

Subnets Static internal IP addresses Firewall rules Routes VPC Network Peering

Private service connection

Add subnet Flow logs

<input type="checkbox"/> Name ^	Region	IP address ranges	Gateway	Private Google access	Flow lo
<input type="checkbox"/> vishal-subnet-1	asia-east1	10.0.0.0/28	10.0.0.1	Off	Off

Equivalent REST

Select a subnet

PERMISSIONS

Please select at least one resource.

Activities

Firefox Web Browser

Wed 17:58

VPC network - Training - Google Cloud Platform - Mozilla Firefox

GooglePavankuAWS ASSettingGCP ASVPC XUsing FiGoogleGoogleGoogle CloListingCloud Spport for

←→↻🏠🔒https://console.cloud.google.com/networking/subnetworks/details/asia-east1/vishal-subnet-1

Google Cloud PlatformTraining

VPC networkSubnet detailsEDITDELETE

VPC networks

External IP addresses

Firewall rules

Routes

VPC network peering

Shared VPC

Serverless VPC access

vishal-subnet-1

VPC Network

vishal-vpc

Region

asia-east1

IP address range

10.0.0.0/28

Gateway

10.0.0.1

Private Google access

Off

Flow logs

Off

[View flow logs](#)

Equivalent REST

Subnet details