Usage Guidelines for Custom Routes

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Introduction to Custom Routes

When a Cisco CSR 1000v is deployed in a VPC network, a route is created for each subnet to which the Cisco CSR 1000v is connected. For example, if you deploy a Cisco CSR 1000v in GCP with two subnets, then each subnet has an associated route.

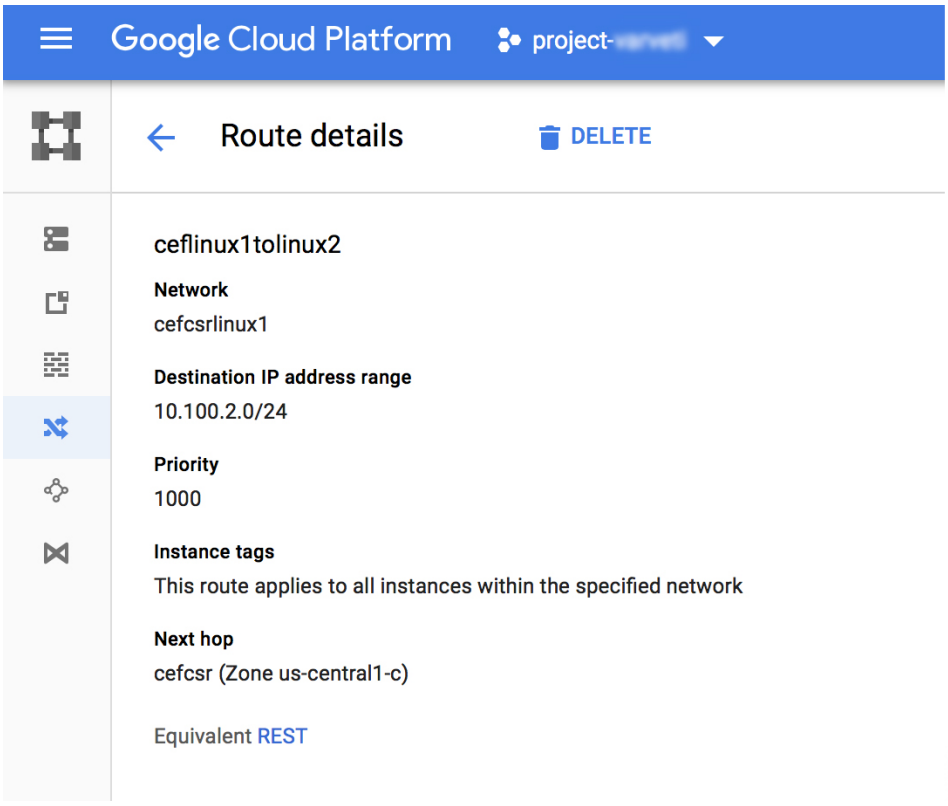
Custom Routes in the Same VPC Network

By default, the GCP network infrastructure provides a basic routing service which interconnects all the subnets within a VPC network. By default, packets are blocked between subnets, unless firewall rules are changed to allow them to pass.

Routing Between VPC Networks or On-Premises Networks

To connect two VPC networks or to connect a VPC network to an on-premises network, you must create a route to specify the Cisco CSR 1000v as the next hop router to each remote network. To force traffic through the Cisco CSR 1000v, add a route (default route or specific destination route) that points to the Cisco CSR 1000v.

For example, the following route was added with a destination IP address pointing to the Cisco CSR 1000v. The "Next hop" refers to the Cisco CSR 1000v VM instance "cefcsr".


Google Cloud Platform
project-
Route details
DELETE
ceflinux1tolinux2
Network
cefcsrlinux1
Destination IP address range
10.100.2.0/24
Priority
1000
Instance tags
This route applies to all instances within the specified network
Next hop
cefcsr (Zone us-central1-c)
Equivalent REST
367429