Cloud VPN  (https://cloud.google.com/vpn/)
Documentation  (https://cloud.google.com/vpn/docs/) Guides

# Deleting a Cloud VPN tunnel

The following procedure applies to tunnels connected to either Classic VPN or to HA VPN gateways.

⌄   **Permissions required for this task**

To perform this task, you must have been granted the following permissions **OR** the following IAM roles.

**Permissions**

- `compute.vpnGateways.get`
- `compute.vpnGateways.list`
- `compute.externalVpnGateways.get`
- `compute.externalVpnGateways.list`
- `compute.vpnGateways.create`
- `compute.vpnGateways.delete`
- `compute.vpnGateways.get`
- `compute.vpnGateways.list`
- `compute.vpnGateways.use`
- `compute.vpnGateways.setLabels`
- `compute.externalVpnGateways.create`
- `compute.externalVpnGateways.delete`

- `compute.externalVpnGateways.get`

- `compute.externalVpnGateways.list`

- `compute.externalVpnGateways.use`

- `compute.externalVpnGateways.setLabels`

**Roles**

- `roles/compute.networkAdmin`

## Deleting a VPN tunnel

To delete an existing Cloud VPN tunnel, do the following:

| CONSOLE | GCLOUD | API |
| --- | --- | --- |

1. Go to the
   VPN TUNNELS PAGE (HTTPS://CONSOLE.CLOUD.GOOGLE.COM/VPN/LIST?TAB=TUNNELS).

2. Check the box next to the VPN tunnel you want to remove.

3. At the top of the screen, click **Delete**.

4. Click **Delete** again to confirm deletion.

## Recommended follow-up

After deleting a VPN tunnel, consider the following:

- Review your firewall rules and delete the rules
  (https://cloud.google.com/vpc/docs/using-firewalls#deleting_firewall_rules) that you no longer
  need.

- If the tunnel used Classic VPN policy-based routing or was a route-based VPN, review the
  routes in your Google Cloud network. Delete any static routes
  (https://cloud.google.com/vpc/docs/using-routes#deletingaroute) that you no longer need.

- If you used the Cloud Console to delete the tunnel for a Classic VPN gateway, static routes
  that were automatically created should already be removed. If you used `gcloud` to remove

the tunnel, or if you created custom static routes for it, delete those tunnels manually.

- If no more tunnels exist for the associated VPN gateway, you can delete the VPN gateway (https://cloud.google.com/vpn/docs/how-to/deleting-a-gateway) as well.

## What's next

- Maintain VPN tunnels and gateways (https://cloud.google.com/vpn/docs/how-to/maintaining-vpns)

- Set up different types of Cloud VPN (https://cloud.google.com/vpn/docs/how-to/choosing-a-vpn)

- View logs and monitoring metrics (https://cloud.google.com/vpn/docs/how-to/viewing-logs-metrics)

- Get troubleshooting help (https://cloud.google.com/vpn/docs/support/troubleshooting)

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