

Insufficient IP addresses for core switches



Overview

Update your cluster to use a different availability zone with sufficient IP addresses, use the auto availability zone setting, expand the subnet CIDR range, or clean up unused network resources. If the issue persists, contact Databricks support. We are in the process of replacing a switch and I am configuring/testing it. I have the switch plugged into one of the interfaces on the. Resolve the Subnet Has Insufficient Free Addresses error in AWS by reclaiming IPs, resizing subnets, and optimizing IP address allocation. The "Subnet has insufficient free addresses" error shows up when you try to launch an EC2 instance, create a Lambda function ENI, or spin up any resource that. In this troubleshooting video, I worked through a scenario where PCs 1 and 2 could not obtain an IP address from a core switch DHCP server. I first checked and adjusted the DHCP excluded addresses, ensuring only the default gateway was excluded. Still, PCs failed to connect, so I. Check for unused elastic.



Article Content

Nov 12, 2025

DHCP Troubleshooting: PCs Failing to Obtain IP Address & Core ...

In this troubleshooting video, I worked through a scenario where PCs 1 and 2 could not obtain an IP address from a core switch DHCP server.

Feb 27, 2026

Classic compute termination error codes | Databricks on AWS

Update your cluster to use a different availability zone with sufficient IP addresses, use the auto availability zone setting, expand the subnet CIDR range, or clean up unused network ...

Sep 24, 2025

Resolve and prevent IP address issues in Amazon EKS clusters

Set the WARM_IP_TARGET parameter to keep a specified number of IP addresses on each node. Set the MINIMUM_IP_TARGET parameter to always keep a minimum number of IP addresses available.

Sep 08, 2025

Unable to get internet to core switch from firewall

We are in the process of replacing a switch and I am configuring/testing it. For some reason I am unable to get internet to the switch or ping the firewall from the switch. We are using a ...

Dec 12, 2025

Troubleshoot IP address management in VPC clusters

Use this document to troubleshoot and fix issues related to IP address allocation, network stability, and advanced networking features in GKE VPC-native clusters. This information is primarily...

Aug 16, 2025

Switches not getting IP address from UDP Pro (DHCP) : r/UNIFI

All core switches (a mix of older US-24-250W & newer USW-24-PoE) have a .20 IP address (default for failover), and when restarted, they try a few times, then always failback to a .20.

May 06, 2026

Resolving Cisco Switch & Router "DHCP Server Pool Exhausted ...

When the DHCP server detects there is a conflict of an IP address before or right after it is assigned to a client, it will automatically remove the IP address from the DHCP pool and move it to ...

Feb 01, 2026

How to Fix "Subnet Has Insufficient Free Addresses" Errors

Resolve the Subnet Has Insufficient Free Addresses error in AWS by reclaiming IPs, resizing subnets, and optimizing IP address allocation.

Aug 26, 2025

When there are not enough IP addresses for launching instances or ...

This guide helps you resolve IP exhaustion errors you may encounter on App Runner services with VPC access for outgoing traffic enabled. App Runner will launch instances in the subnets associated with ...

Jan 02, 2026

Insufficient IP Addresses in EKS and How to Solve It

As a DevOps Engineer, one of the more nuanced challenges I've encountered with AWS EKS involves running out of available IP addresses in subnets. This often leads to the dreaded...

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://professionistidelverde.it>

Email: info@professionistidelverde.it

Phone: +49 176 4829 3715

Address: Friedrichstraße 123, 10117 Berlin, Germany

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