

# Fix the IP Address Pool Subnet on DNA Center

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## Introduction

This document describes the process to expand the subnet on an existing IP Pool on Cisco DNA Center.

## Problem

When the design phase of our network is taking place, one of the most difficult tasks is defining the network subnets.

Usually, the scalability is not planned as needed, and the current configurations cannot match the business needs.

On Cisco DNA Center, you can configure IP addresses and allocate them per site, assigning a specific subnet. In this document, the steps on how you can reconfigure that subnetting are presented.

## Solution

For this document, a change of an IP pool with subnet /24 to an IP Pool with subnet /22 is used to demonstrate the process.

~~The correct process to fix this and avoid any DB disruption is to delete, and recreate the pool.~~

**Tip:** Save the current configurations on notes or screen captures to reconfigure the pools after deletion.

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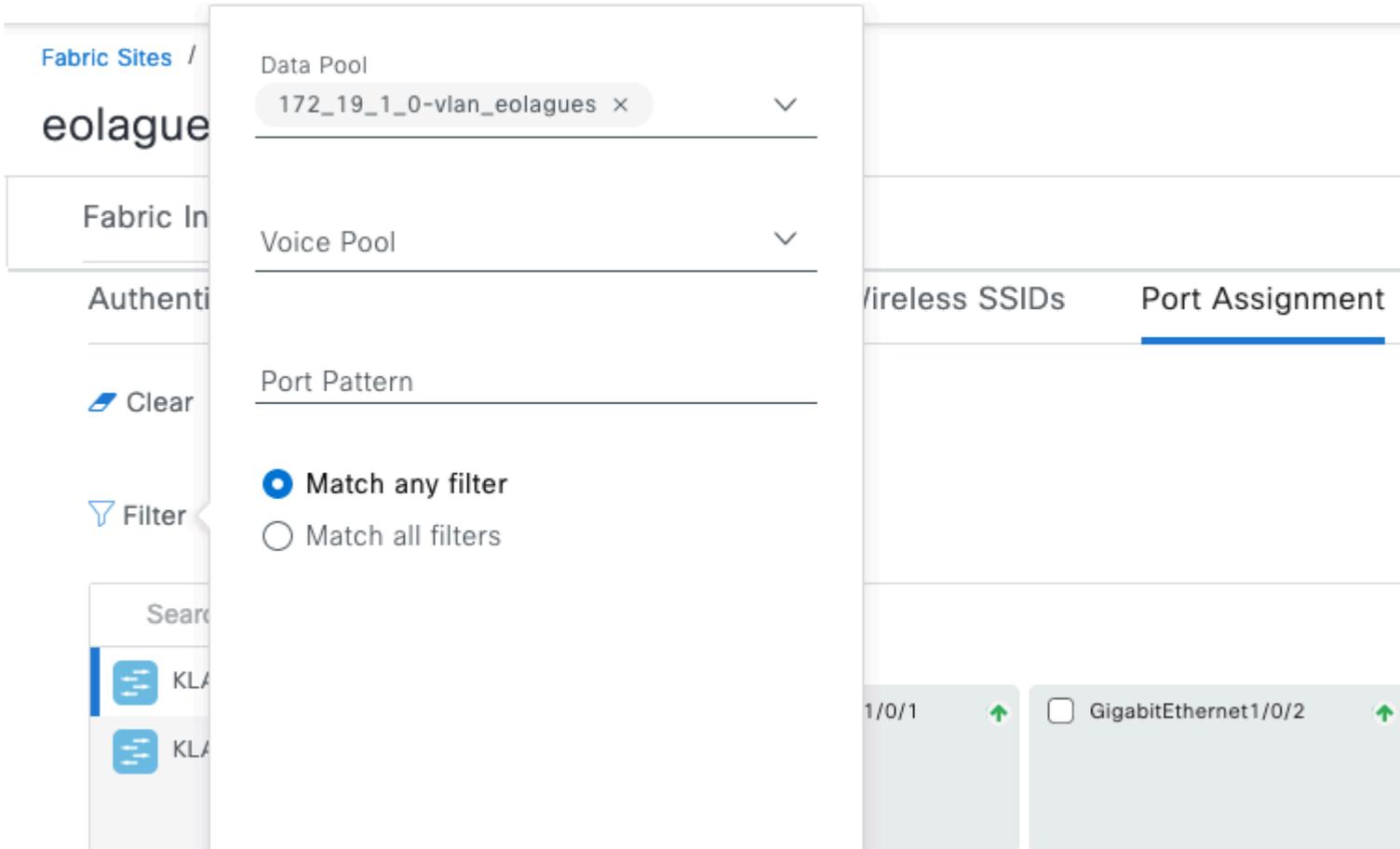
## Remove Existing Pool

Step 1. Remove the VLAN that is assigned to the pool for each interface where it is used.

From the Cisco DNA Center menu, navigate to **Provision > SD-Access > Fabric Sites**.

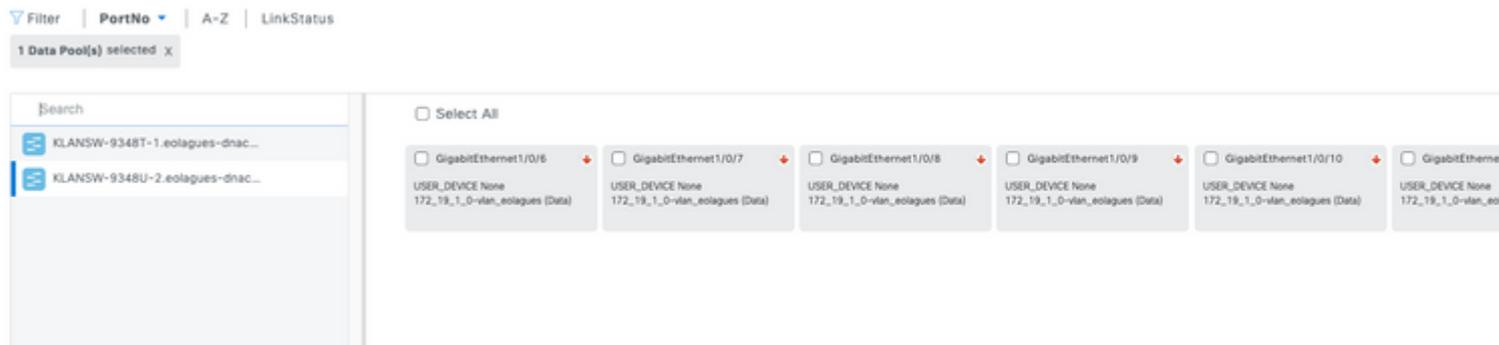
Select the Fabric ID where the issue is present and navigate to **Host Onboarding > Port Assignment**.

You can filter the subnet like this example:



Filter under Host Onboarding

The result of the filter is:



Hostonboarding Filtered

Select the interfaces, use the **clear** option, and click **deploy**.

This removes the information from the interfaces.

Step 2. Remove the IP Pool from the Virtual Network.

From the Cisco DNA Center menu, navigate to **Provision > SD-Access > Fabric Sites**.

Select the Fabric ID where the issue is present and navigate to **Host Onboarding > Virtual Networks**.

Step 2.1 Select the Virtual Network that has assigned the IP pool.

