Procedure to Skip Event Based Synchronization in Cisco DNA Center Inventory

Contents

Introduction

This document describes a procedure to skip event-based synchronization in Cisco DNA Center Inventory.

Background Information

It is recommended that you have Cisco DNA Center Software Version 2.3.3.x and later.

Skip Event-Based Synchronization

Whenever an access port of a network device managed by Cisco DNA Center (DNAC) flaps or an Access Point (AP) joins/disjoins, it triggers an internal sync for that network device from inventory. You notice that sometimes devices are in a continuous "syncing" state and rarely come to a "Managed" state. This is an expected behaviour in Cisco DNAC because Cisco DNAC needs to get updated about the changes that happen in the network devices and for updated information in the assurance database.

One must always find out why the flaps happen and fix this problem at the source.

However, sometimes due to a continuous syncing state, one fails to perform some operations or assurance data is incomplete.

As a workaround, you can Tag the network device in the Cisco DNAC inventory, which would help Cisco DNAC know that this device is tagged to be skipped from event-based sync.

1. First, create the Tag. Please note, the Tag name must be INV_EVENT_SYNC_DISABLED .

0 Selected   ⊕ **Add Device**   **Tag**   **Actions** ⌄   ⓘ

≡Q _____

Device Name

branch-router-dmvpn-spoke

⬭ **pod7-9200-1.dr.c**

branch-router-ipsec

cloud-dmvpn

1 Records

cloud-dmvpn-hub

cloud-ipsec

Manage Tags

Create New Tag

Select "Create New Tag" under "Tag" option

Create New Tag

Tag Details

Tag Name *

INV_EVENT_SYNC_DISABLED

Description (Optional)

Skipping Event based sync for this device

Tag Rules (Optional)

Device   Port