Fix WLC Reached Max Limit for Number of Flow Exporters Error

Contents

Introduction

This document describes how to fix the error "Reached Max Limit for Number of Flow Exporters" in the telemetry task for a WLC using Cisco DNA center.

Prerequisites

Requirements

You require access to:

- Cisco DNA Center GUI with SUPER-ADMIN role
- AirOS Wireless Controller CLI and GUI with admin role.

Components Used

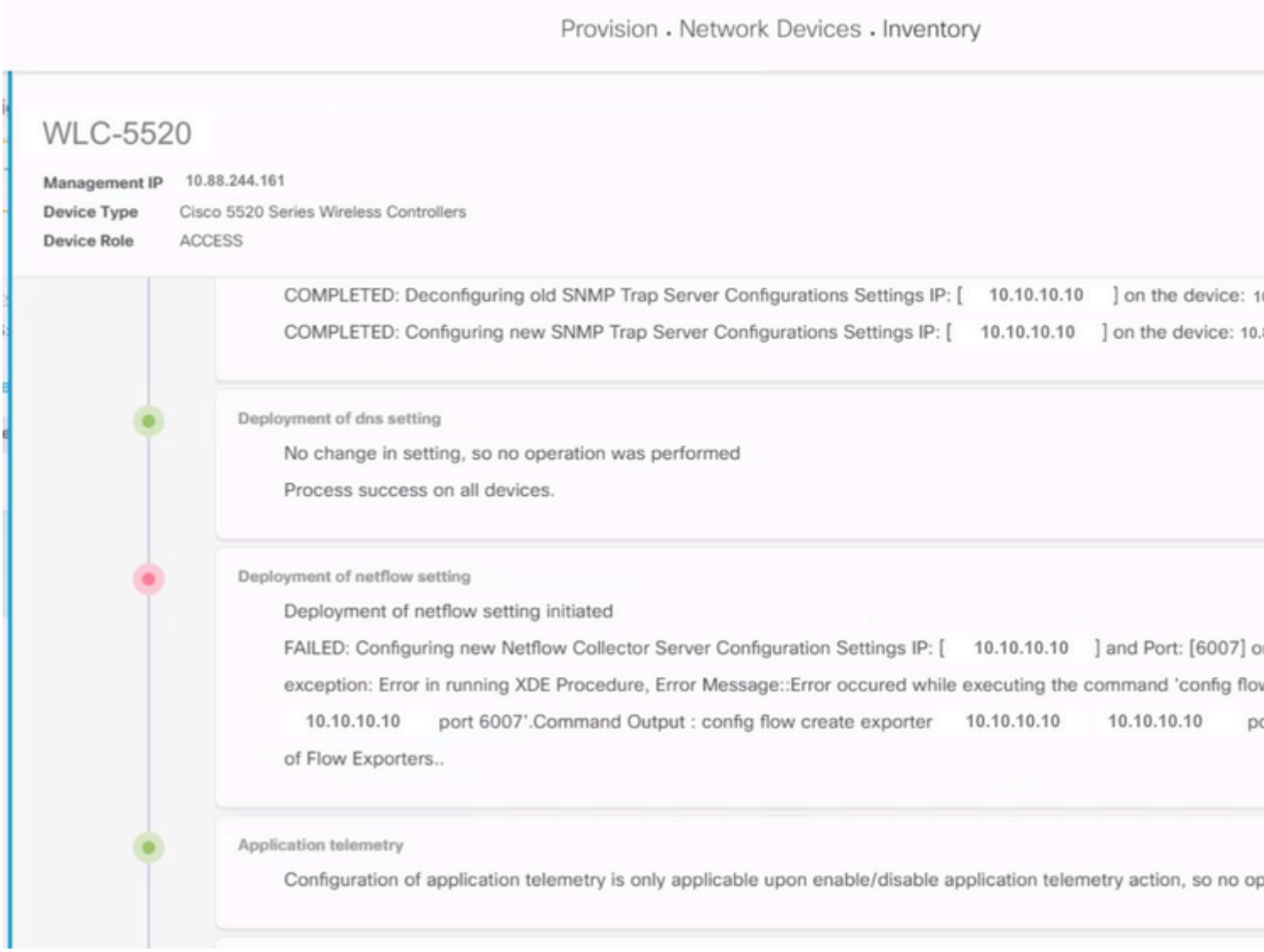
The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

Problem

Cisco DNA Center telemetry provisioning is expected to fail when a flow exporter is already configured in Cisco Wireless Controller WLC 5520 with AirOS because that device supports only one flow exporter to be configured. Thus, Cisco DNA Center is unable to override that configuration due to that WLC limitation to configure two or more flow exporters, resulting in a provisioning task failure:

Deployment of netflow setting initiated.

FAILED: Configuring new Netflow Collector Server Configuration Settings IP: [10.10.10.10] and Port: [6007] on the device: 10.88.244.161 failed with exception: Error in running XDE Procedure. Error Message: Error occurred while executing the command 'config flow create exporter 10.10.10.10 10.10.10.10 port 6007'.Command Output : config flow create exporter 10.10.10.10 10.10.10.10 port 6007 Reached Max limit for Number of Flow Exporters.



Telemetry Task Error Details

> **Note**: Cisco DNA Center can only push the first NetFlow collector server for Wireless Controller as it has a restriction on the number of flow exporters.

Notice that the Cisco DNA Center is trying to push a flow exporter to the WLC, but the device already has one configured as confirmed in the CLI output:

<#root>

(Cisco Controller) >

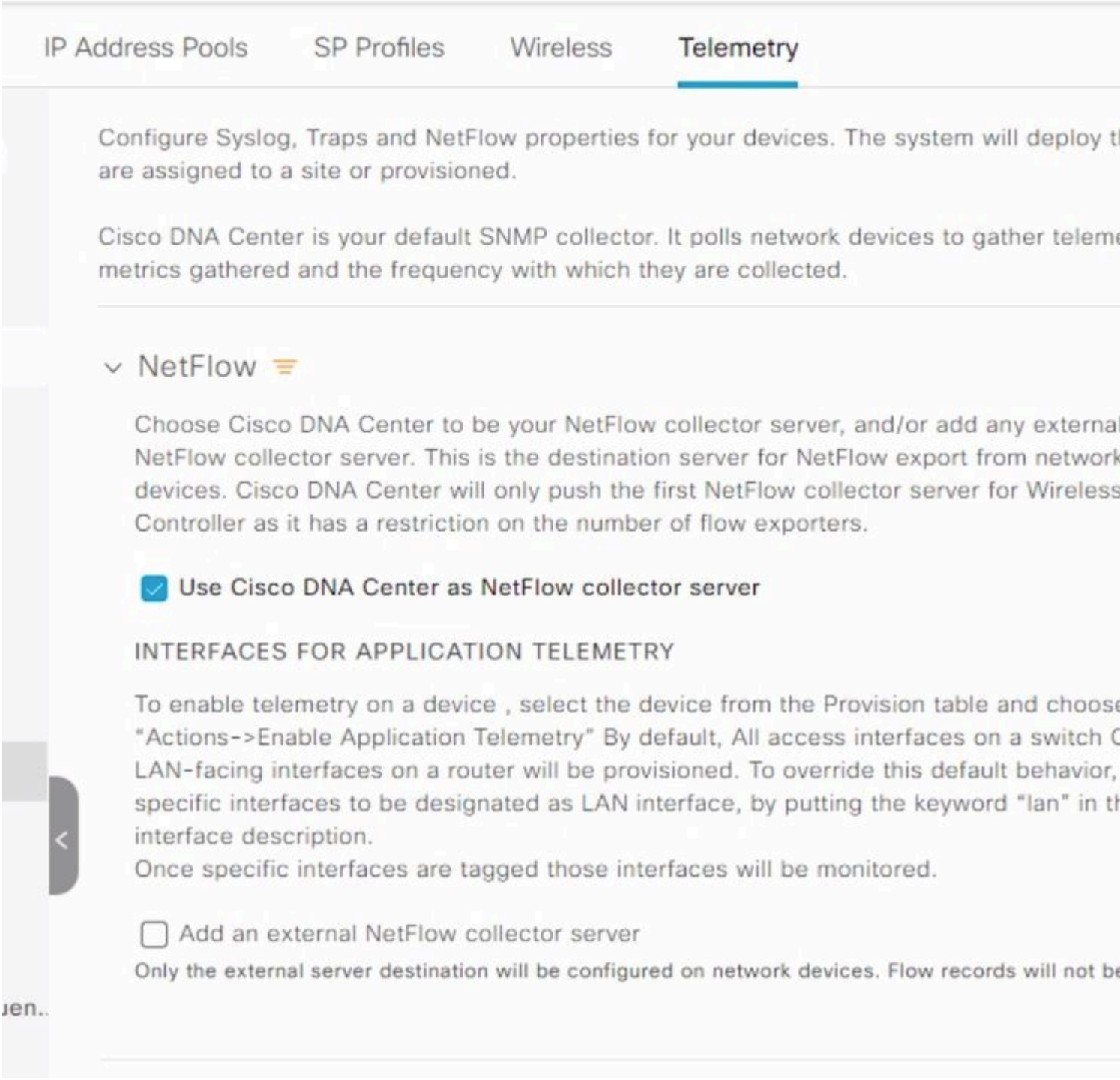
show flow exporter summary

```
  Exporter-Name            Exporter-IP     Port
  =============            ===========     =====
  fer_exporter             10.10.10.10     6007
```

```
(Cisco Controller) >
```

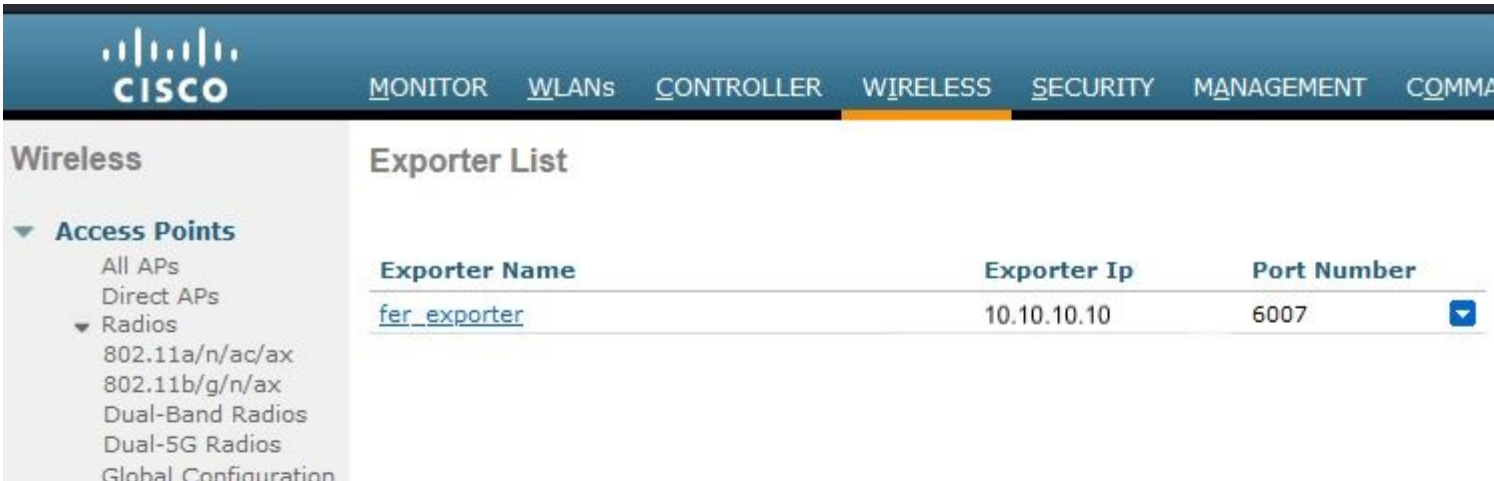
show flow exporter statistics

Tab and validate that you have configured a Netflow Collector Server. You can configure Cisco DNA Center or an external server as Flow Collector server:



Cisco DNA Center Netflow Collector Settings

3- Log in to the AirOS WLC GUI and navigate to **Wireless > Netflow > Exporter** to see the list of flow exporters configured in the device:



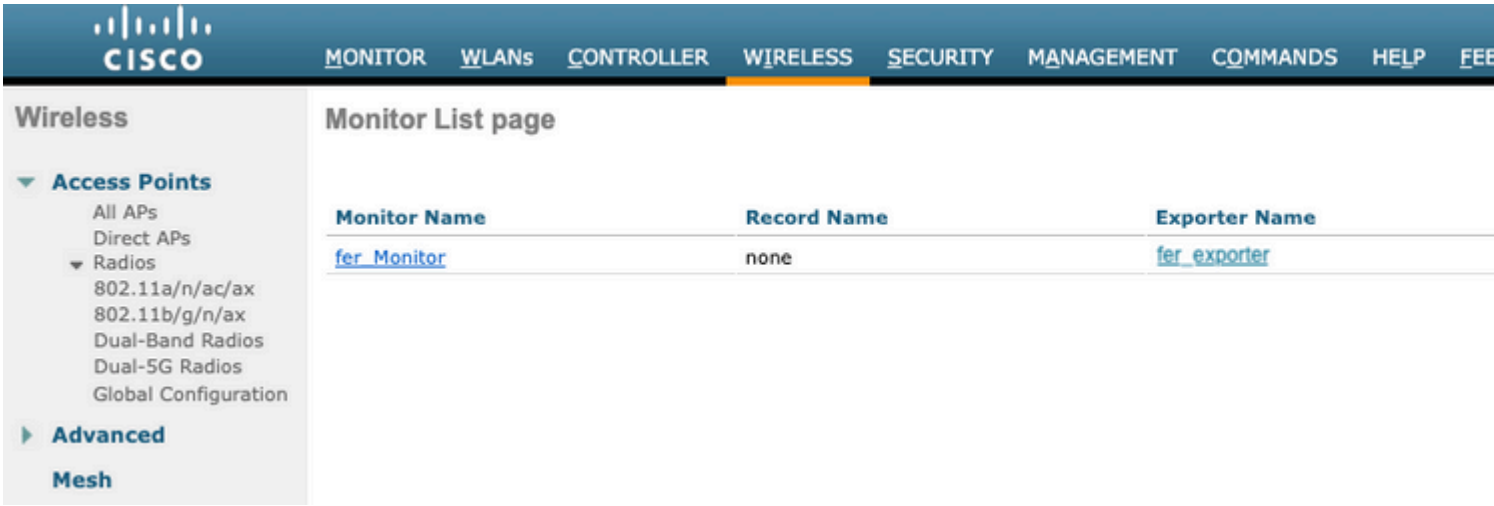
. In this example, the name of the flow exporter already configured is named fer_exporter as confirmed in Step 1:

Remove Exporter

5- If the Flow exporter is in use when you are removing it, you can receive a warning message that the exporter is associated in a Flow Monitor. You cannot remove it until you delete the association by removing the Flow Monitor first:

Flow Exporter

6- To remove the Flow monitor, navigate to **Wireless > Netflow > Monitor** and select the Flow Monitor associated to fer_exporter so you can remove it:



Flow Monitor

In this example, the name of the flow monitor associated to the flow exporter is named fer_Monitor. If the Fl

: All the steps described in the Solution can be performed via WLC CLI too, if preferred, without need of WLC GUI.

Validation

Once the telemetry task finishes successfully, you can validate using the WLC CLI commands for flow exporter and assurance. Also, by checking the Cisco DNA Center Assurance health page for the WLC and APs.

<#root>

(Cisco Controller) >

show flow exporter summary

```
  Exporter-Name            Exporter-IP     Port
  =============            ===========     =====

dnacexporter             10.10.10.10
     6007
```

Note: The Flow Exporter configured by Cisco DNA Center is hardcoded to be called dnacexporter.