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Introduction

This document describes the pre-configuration required in order to enable Flexible Netflow Functionality on the ASR903 router.

> **Note**: Click here to understand more on working of Flexible Netflow.

Prerequisites

Requirements

Cisco recommends that you have knowledge of

Components Used

This document is not restricted to specific software and hardware versions.

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, make sure that you understand the potential impact of any command.

Background Information

Flexible Netflow on ASR903 platform is supported starting from XE3.18.0 SP release. However, you get this error when you try to configure the feature:

Configure

You need to enable the metroaggrservices license on the ASR903 router. This is the configuration:

A reload of the device is needed for the new license level to take effect. Once the device is reload, the license level can be verified from the output of show version.

Cisco IOS XE Software, Version 03.18.00.SP.156-2.SP-ext
Cisco IOS Software, ASR900 Software (PPC_LINUX_IOSD-UNIVERSALK9_NPE-M), Version 15.6(2)SP, RELEASE SOFTWARE (fc2)
Technical Support: http://www.cisco.com/techsupport
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Compiled Wed 27-Jul-16 08:13 by mcpre

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GPL code under the terms of GPL Version 2.0. For more details, see the
documentation or "License Notice" file accompanying the IOS-XE software,
or the applicable URL provided on the flyer accompanying the IOS-XE
software.

ROM: IOS-XE ROMMON

Router_ASR903 uptime is 18 hours, 16 minutes
Uptime for this control processor is 18 hours, 18 minutes
System returned to ROM by reload at 08:02:20 UTC Fri Aug 12 2016
System restarted at 14:15:01 UTC Sun Aug 14 2016
System image file is "bootflash:Image/packages.conf"
Last reload reason: PowerOn

This product contains cryptographic features and is subject to United
States and local country laws governing import, export, transfer and
use. Delivery of Cisco cryptographic products does not imply
third-party authority to import, export, distribute or use encryption.
Importers, exporters, distributors and users are responsible for
compliance with U.S. and local country laws. By using this product you
agree to comply with applicable laws and regulations. If you are unable
to comply with U.S. and local laws, return this product immediately.

A summary of U.S. laws governing Cisco cryptographic products may be found at:
http://www.cisco.com/wwl/export/crypto/tool/stqrg.html

If you require further assistance, contact and send an email to export@cisco.com.

cisco ASR-903 (RSP2) processor (revision RSP2) with 912985K/6147K bytes of memory.
Processor board ID FOX1929P433
8 Gigabit Ethernet interfaces
1 Ten Gigabit Ethernet interface
32768K bytes of non-volatile configuration memory.
3670016K bytes of physical memory.
1328927K bytes of SD flash at bootflash:

Configuration register is 0x2102

Once the metroaggrservices license is in effect on the router, configure this template:

After the sdm template has been configured as mentioned, you will be able to configure Flexible Netflow feature and get it operational.

These are the sample configurations for the Flexible Netflow fetaure :

Verify

Use this section in order to confirm that your configuration works properly.

The operation of the Flexible Netflow feature can be verified using the information [here](#)

Troubleshoot

There is currently no specific troubleshooting information available for this configuration.