



# VOSS Insights DS9 for Netflow Admin Guide

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# Contents

<b>1</b>	<b>Overview</b>	<b>1</b>
<b>2</b>	<b>NetFlow Collector system health check</b>	<b>2</b>
<b>3</b>	<b>DS9 Collector NetFlow ingestion count increase check</b>	<b>6</b>
<b>4</b>	<b>Flow device database cleanup</b>	<b>13</b>

# 1. Overview

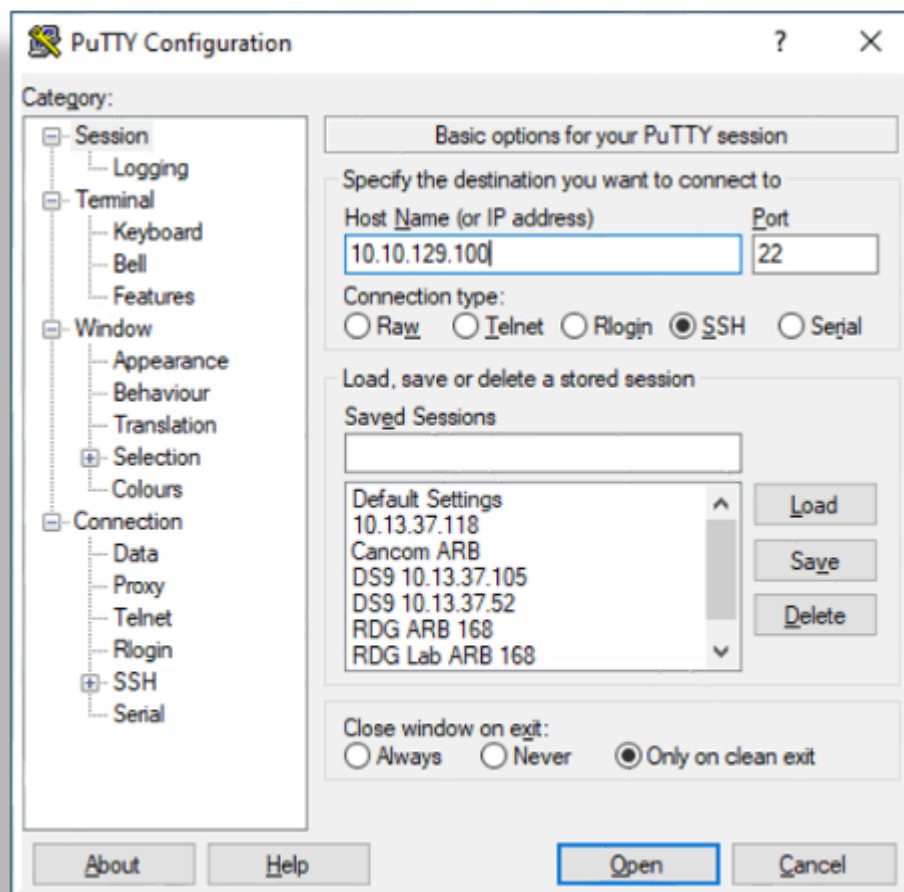
This guide outlines the steps for validating that the DS9 system is functioning properly from a service perspective, and that it is receiving and processing NetFlow from the NetFlow source devices.

## 2. NetFlow Collector system health check

This procedure displays the output from the DS9 Collector internal health check via the CLI **Administration** menu.

1. SSH to the DS9 system, and log in to the system using the DS9 CLI NetFlow Collector **admin** credentials (username / password) to access the main **Administration** menu.

The image shows SSH connection example using Putty ssh client.



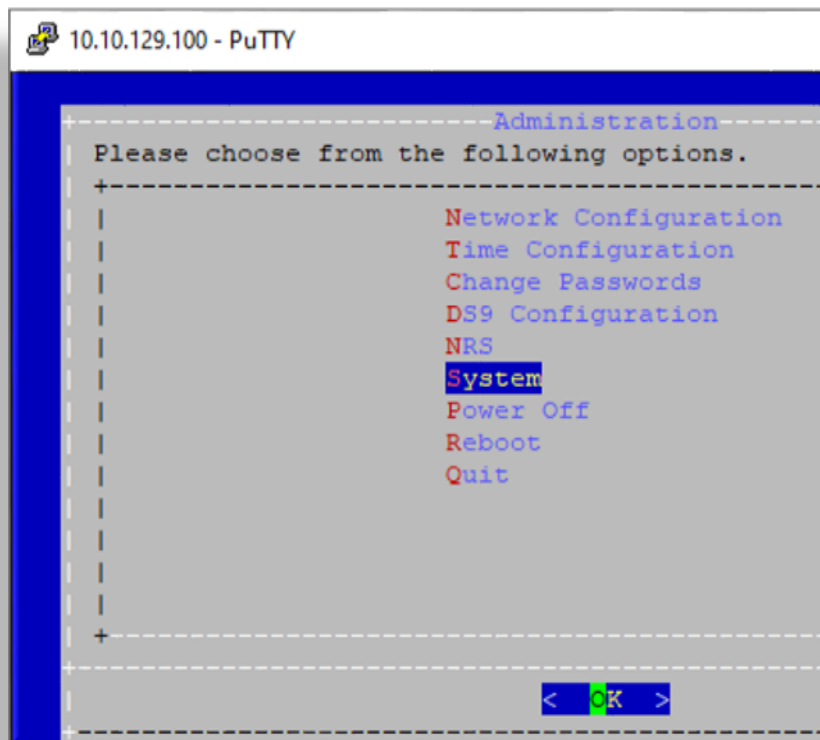
2. In the **Administration** menu, select **System**.

**Note:** Use the following keyboard keys to choose relevant options and to navigate through the CLI

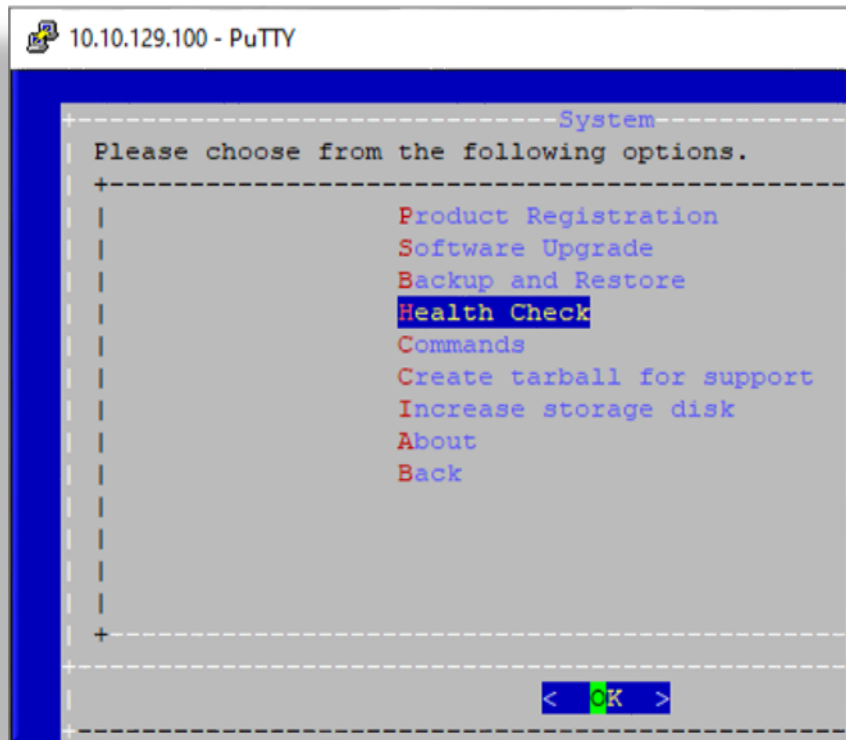
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**Administration** menu: <ARROW>, <TAB>, <ENTER>

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3. On the **System** page, select **Health Check**.



4. View the result, which should be **Success**. Select **OK**, and press **<ENTER>** to return to the **System** page.

**Note:**

- If the displayed result is **Success**, the health check has validated that all services and processes are functioning properly.
- If the displayed result is **Failure**, you will need to contact VOSS Support.



4. Exit the **Administration** menu and disconnect from the system.



### 3. DS9 Collector NetFlow ingestion count increase check

This procedure displays the output from the DS9 Collector NetFlow Count indicator via the CLI **Administration** menu.

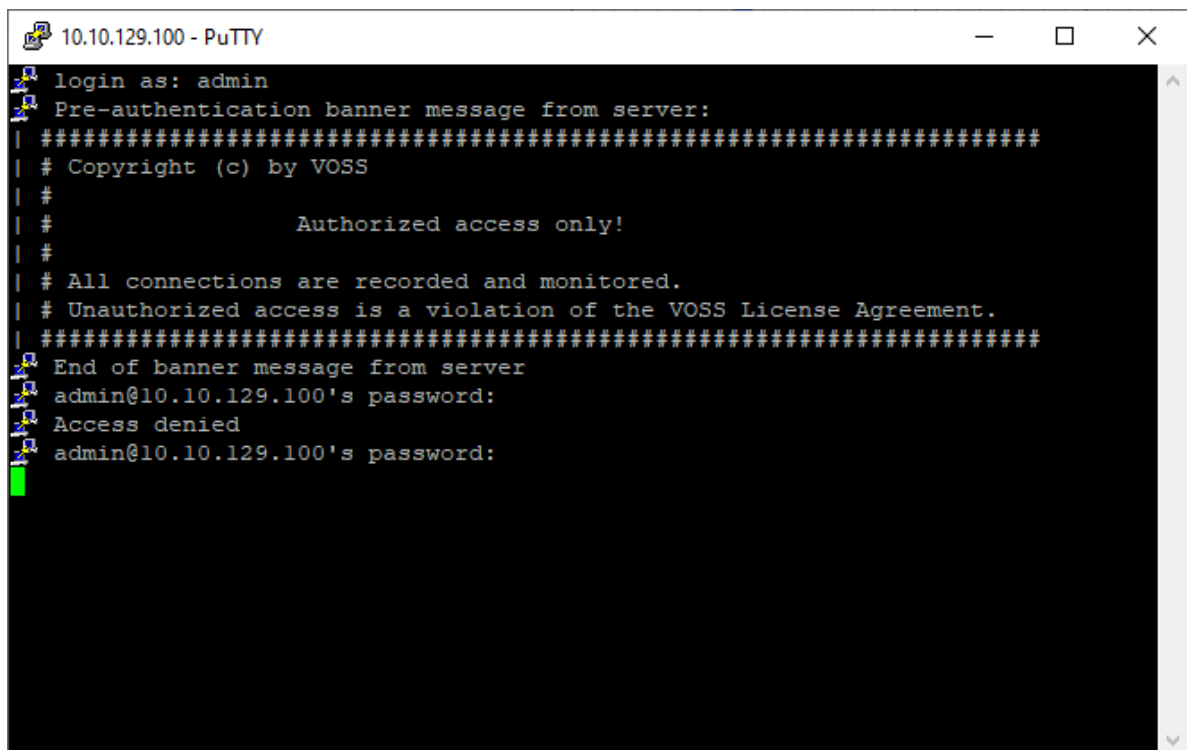
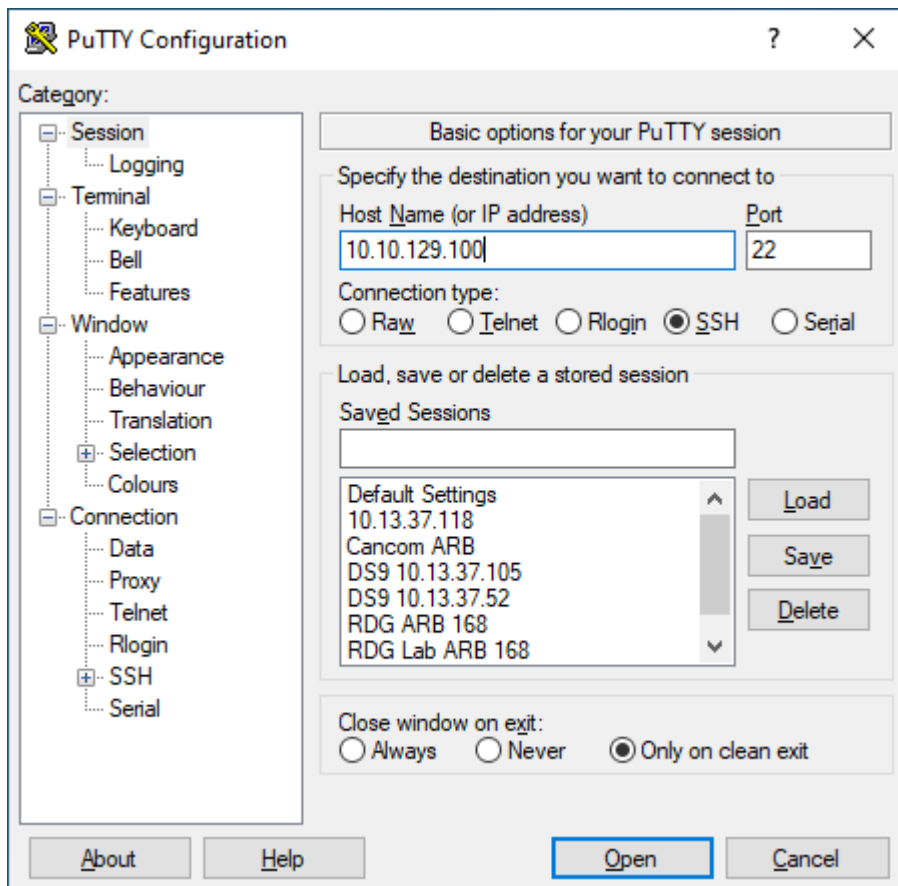
A count increase when comparing two count values generated in succession validates that all NetFlow ingestion and parsing services and processes are functioning properly, and that the database is functioning properly.

If the netflow count displays a value of **0** and the Health Check is showing **SUCCESS**, the system might not be receiving flow from the systems configured to send flow to the DS9. Validate that there are no firewalls impeding the netflow traffic to the DS9 before contacting VOSS support.

1. SSH to the system IP, and log in to the system using the CLI **admin** credential below to access the **Administration** menu.

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**Note:** The image shows SSH connection example using Putty ssh client.

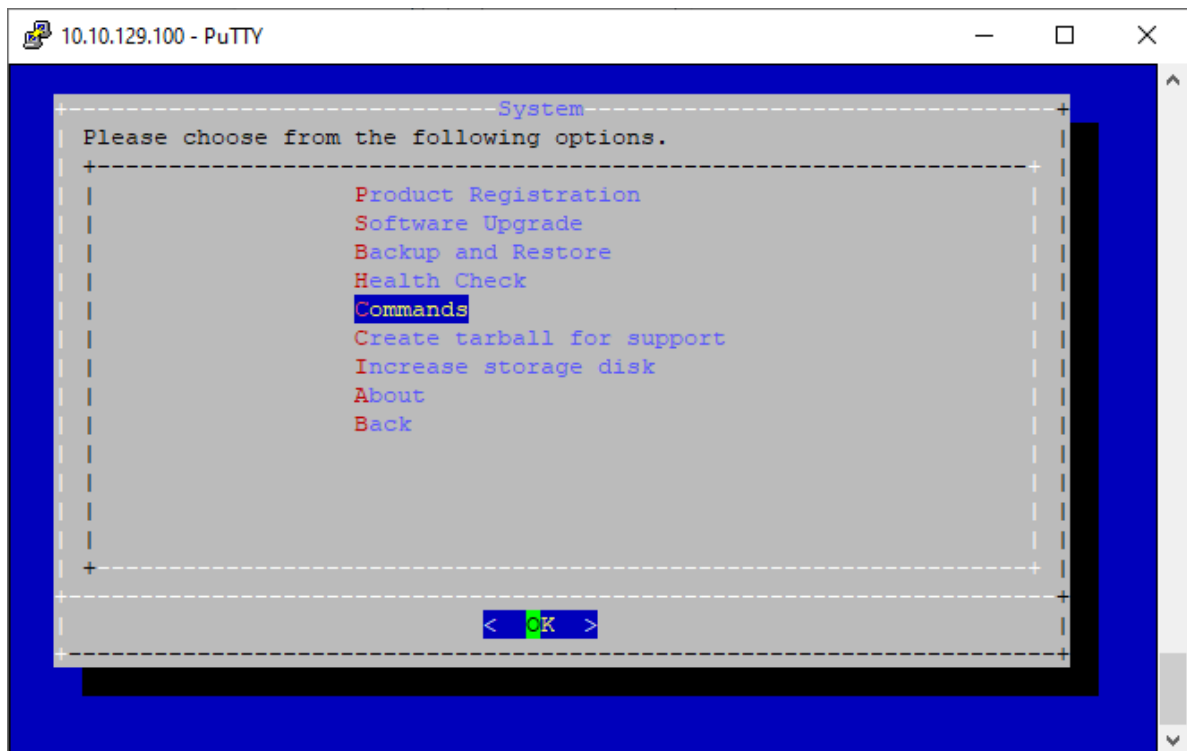


2. In the **Administration** menu, select **System**, then select **OK**, and press **<ENTER>**.

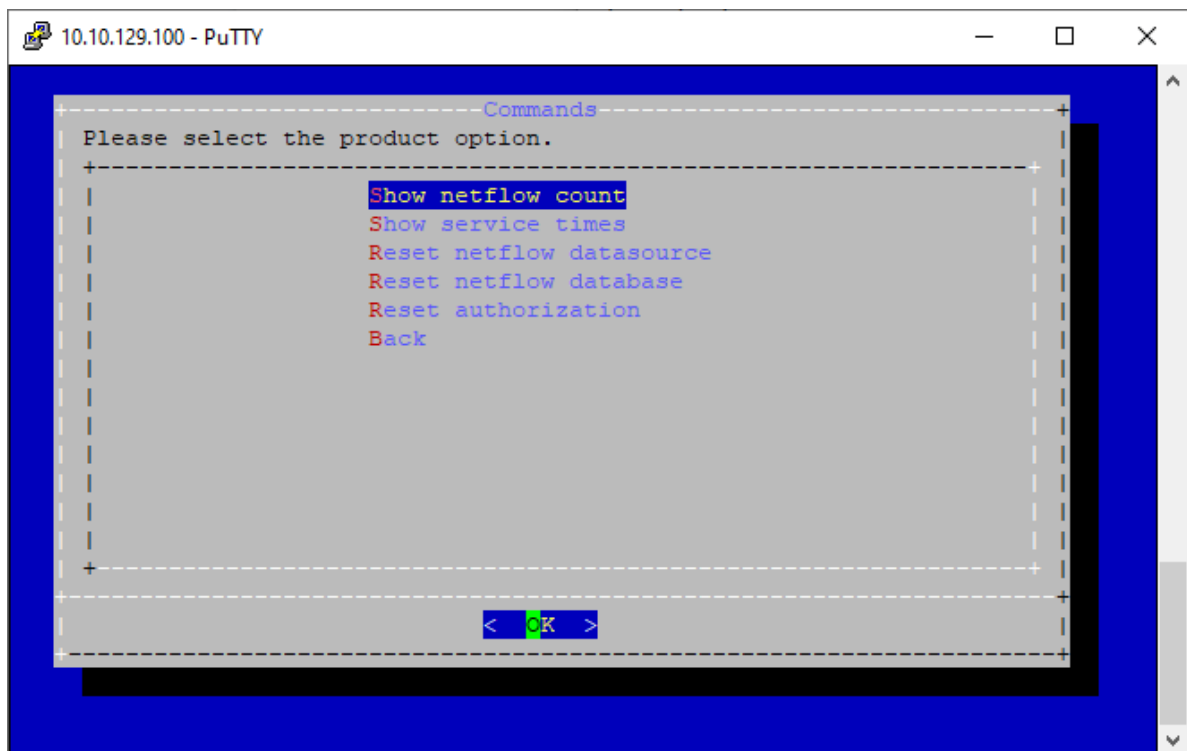
**Note:** Use the following keyboard keys to choose relevant options and to navigate through the CLI **Administration** menu: **<ARROW>**, **<TAB>**, **<ENTER>**



3. On the **System** page, select **Commands**, then select **OK**, and press **<ENTER>**.



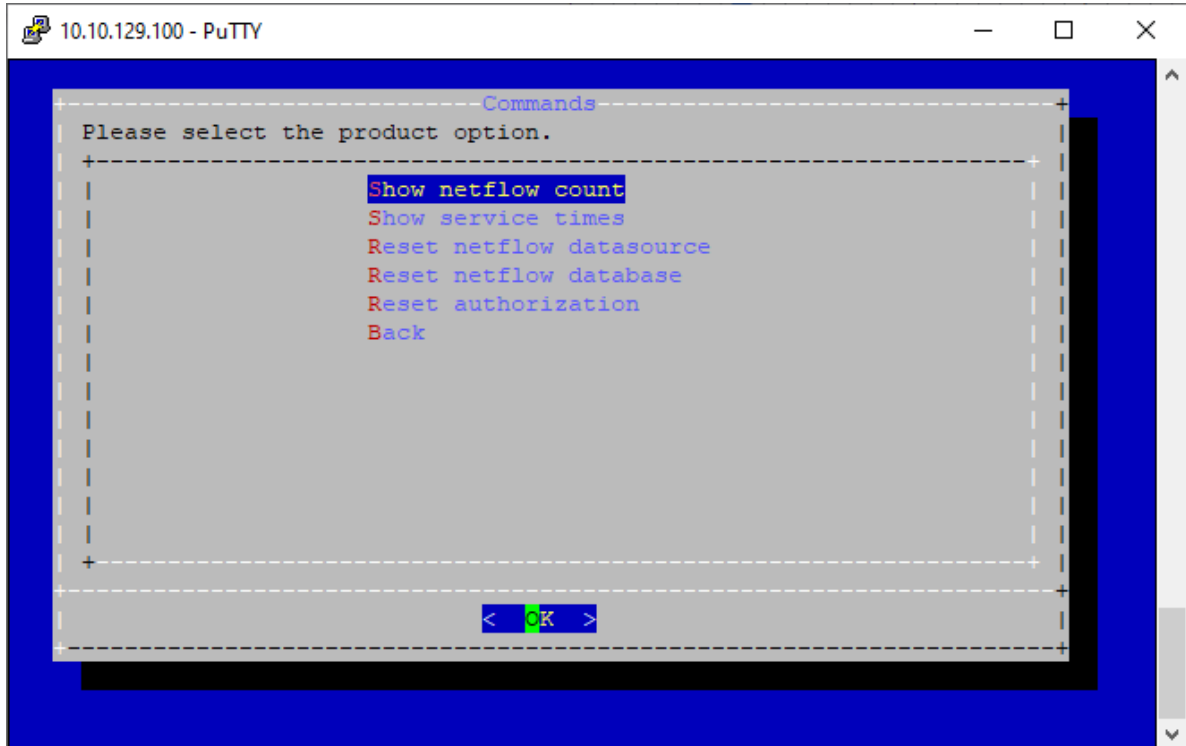
4. On the **Commands** page, select **Show netflow count**, then select **OK**, and press <ENTER>.



5. View the current count number.

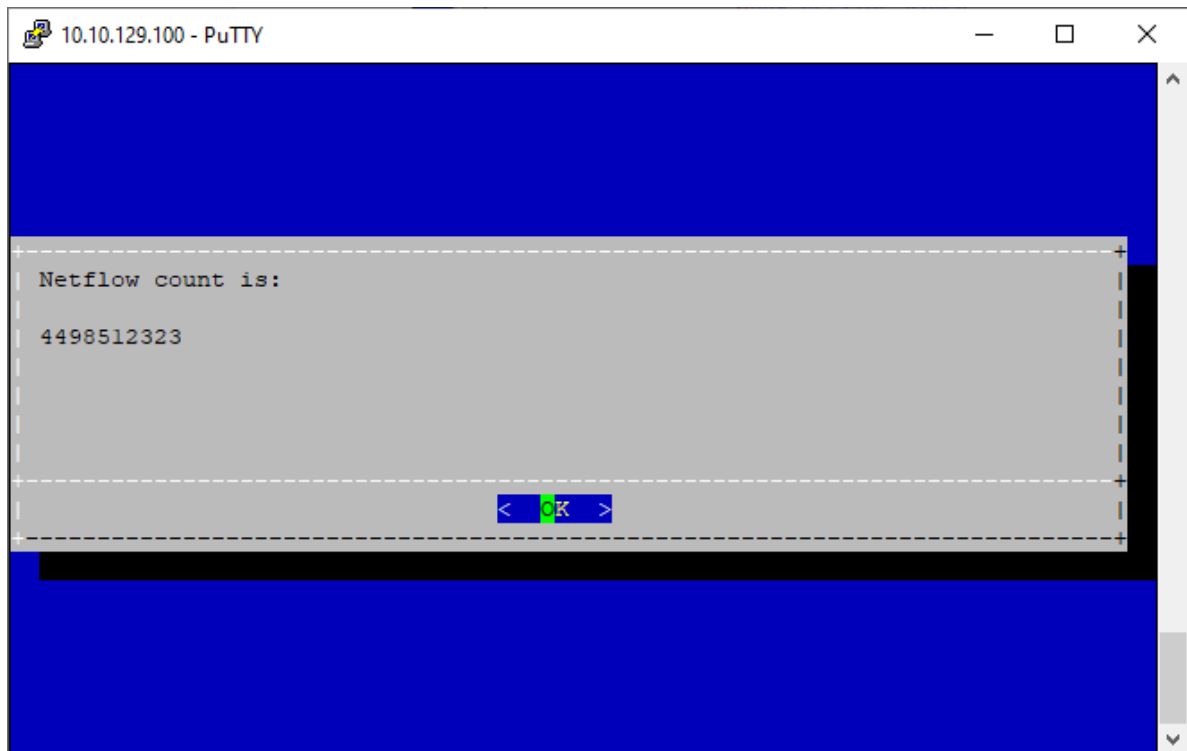


6. Press **<ENTER>** to return to the **Commands** page.
7. On the **Commands** page, select **Show netflow count** again, then select **OK**, and press **<ENTER>**.



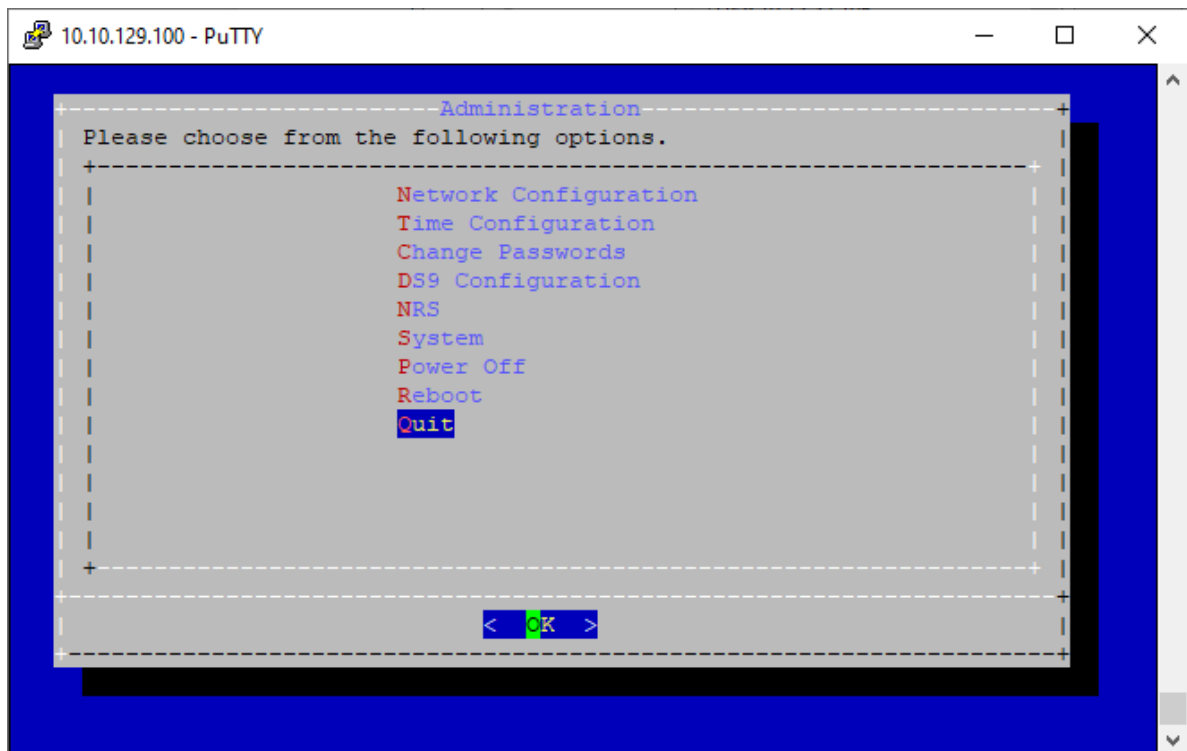
8. View the NetFlow data count number, which displays for the second time.  
The count number displays a larger number compared to the first count display. This count increase is

validation that the incoming NetFlow packets are being ingested into the database and that the system processes are working properly.



9. To disconnect from the system:

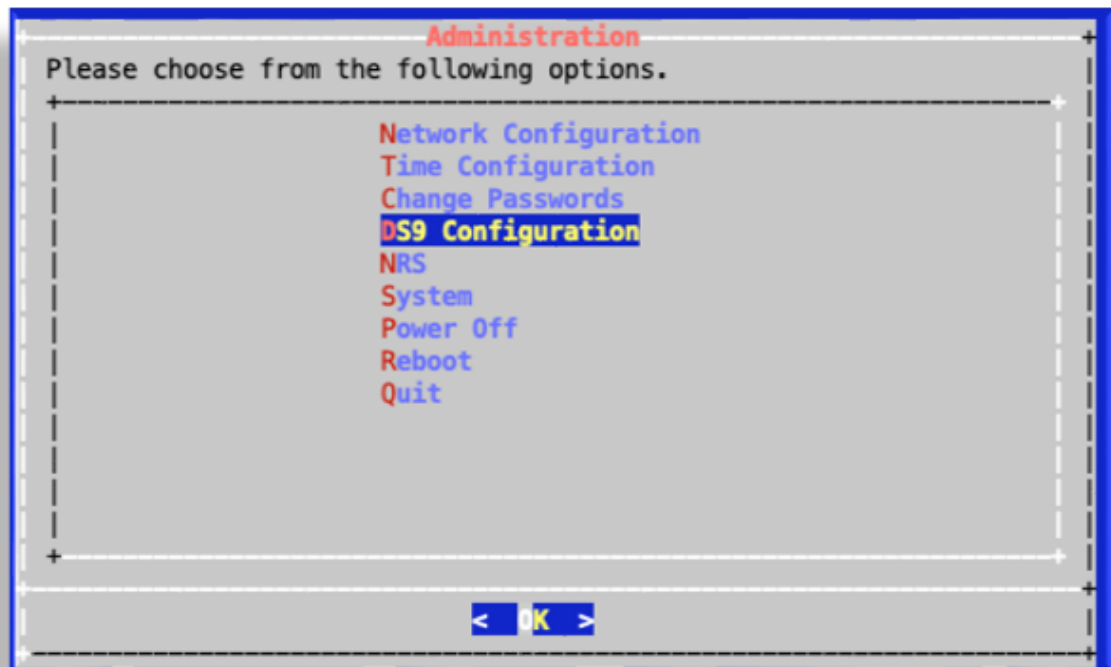
- Press **<ENTER>** to return to the **Commands** page.
- On the **Commands** page, select **Back**, then select **OK**, and press **<ENTER>** to return to the **Administration** menu.
- In the **Administration** menu, select **Quit**, then select **OK**, and press **<ENTER>**.



## 4. Flow device database cleanup

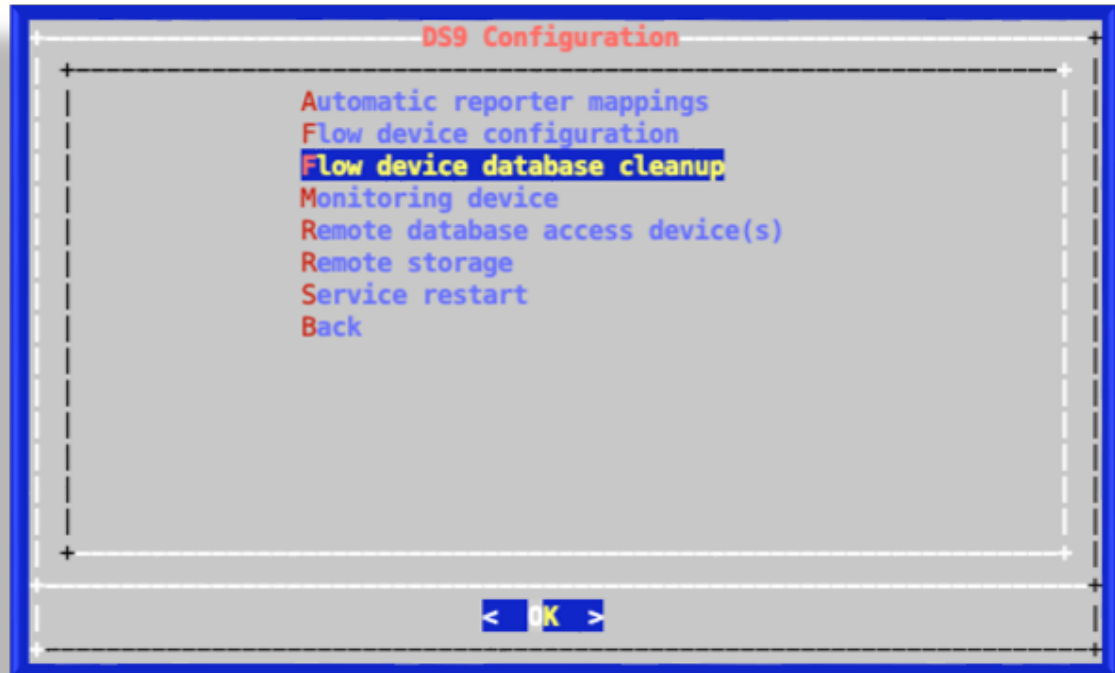
This procedure clears stale flow devices from the SNMP tables to support SNMP device management and cleanup, ensuring accurate dashboard data and improved device correlation.

1. SSH to the DS9 system.
2. Log in using the DS9 admin credentials.
3. On the **Administration** menu, select **DS9 Configuration**.



4. On **DS9 Configuration**, select **Flow device database cleanup**.





5. On the **Flow Device Database Cleanup** page, choose an option:

- **Show stale snmp flow devices:** Identify stale SNMP flow devices. Devices present in the database but not actively configured.
- **Purge data for specific snmp flow device:** Targeted purging. Delete data for a specific SNMP device by IP, with validation to block invalid or malicious inputs.
- **Purge data for all stale snmp flow devices:** Bulk cleanup. Purge all stale SNMP flow devices from the database.

