# Viewing Consistency Check

This chapter contains the following sections:



## Consistency Check

Consistency check shows the number of controller or node inconsistencies for each device and provides option to resolve the inconsistency issues. The consistency check feature shows two types of inconsistencies:

- Controller flows inconsistency: Flows are present in Cisco NDB, but missing from the device.
- Node flows inconsistency: Flows are present in the switch, but missing from Cisco NDB.

**Note** Starting with Cisco NDB Release 3.6, consistency check option is now available for NX-API based devices along with the OpenFlow based devices.

## Viewing Consistency Check

To check for inconsistency for an OpenFlow or NX-API based device, complete the following steps:

On the **Consistency Check** tab, the following details are displayed:

**Step 1** Navigate to **ADMINISTRATION** > **Consistency Check**.

**Step 2** Click **FLOW CHECK NX-API/OpenFlow** tab to view the summary of inconsistencies for the NX-API/OpenFlow based devices. On the **Consistency Check** tab, the following details are displayed:

- Node Name
- Inconsistent Controller Flow
- Inconsistent Node Flow
- Non NDB Flows

**Note** To fix an inconsistent flow, select the devices from the list and click **Fix Inconsistent Flow**.

**Step 3** To view detailed inconsistency information:

- Click **Inconsistent Controller Flows** to view the controller inconsistencies.
- Click **Inconsistent Node Flows** to view the node inconsistencies.
- Click **Non NDB Flows** (available only for NX-API) to view the ACLs present in the device by default or added manually.

**Step 4** To resolve the inconsistency issues:

- Click **Fix Inconsistent Flows** on the **Controller Inconsistent** page, to add the missing controller flows to the device.
- Click **Fix Inconsistent Flows** on the **Node Inconsistent** page, to remove the stale flows from the device.