

Partial Configuration

In this section:

- [Creating Candidate Configuration for M-SBC Cluster](#)
- [Editing CDC using EMS CALEA User Account](#)
- [Activating Candidate Configuration](#)

When the M-SBC cluster configuration is activated, configuration for the new nodes are activated.

An SBC SWe configuration can have both default and candidate versions. You can activate the candidate configuration immediately or schedule its activation. An archive of backup configuration versions is also available.

Info

Instead of redistributing the complete SBC Node configuration to the nodes when modified, the SBC SWe distributes the partial configuration to the nodes.

Creating Candidate Configuration for M-SBC Cluster

To create candidate configuration for M-SBC cluster:

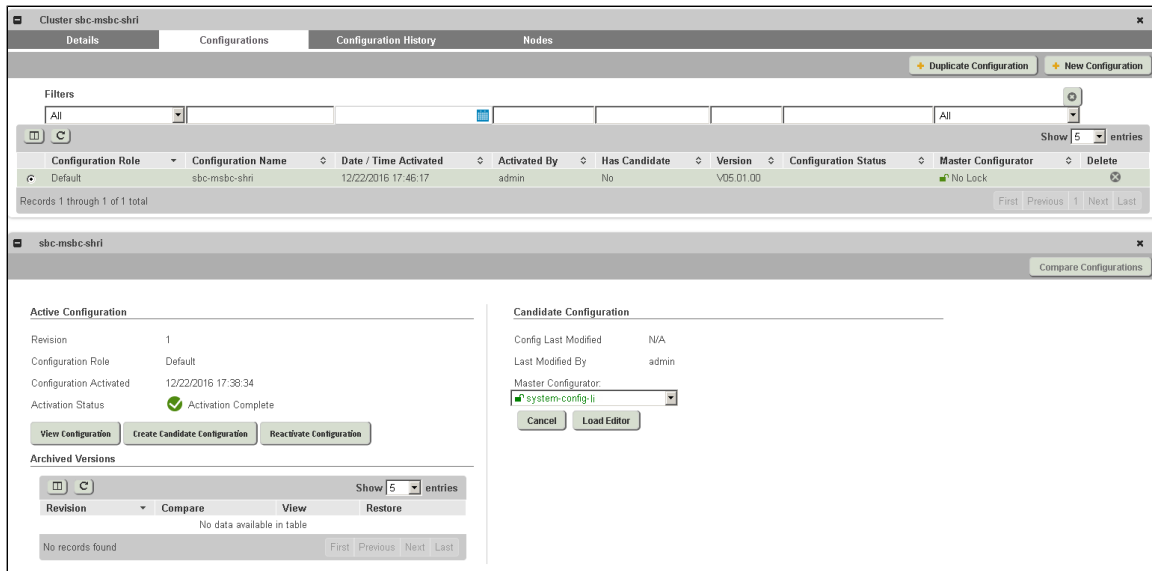
1. Log on to EMS as admin user
2. Under **Network Mgmt**, click **Cluster / VNF Management**. The **Cluster/VNF Management** window is displayed.
3. Select a cluster to create configuration.
4. Click **Configurations** tab. The **Cluster** pane is displayed.
5. Select the **Default** configuration. The configuration pane is displayed.

Figure 1: Completing Activation

The screenshot displays the EMS interface for cluster configuration. At the top, there are tabs for 'Details', 'Configurations', 'Configuration History', and 'Nodes'. Below these are buttons for '+ Duplicate Configuration' and '+ New Configuration'. A 'Filters' section is present above a table of configurations. The table has columns for Configuration Role, Configuration Name, Date / Time Activated, Activated By, Has Candidate, Version, Configuration Status, Master Configurator, and Delete. One record is shown with Configuration Name 'sbc-msbc-shri', Date '12/02/2016 17:27:16', and Status 'Last update complete'. Below the table, there are 'First', 'Previous', 'Next', and 'Last' navigation buttons. The main content area is split into two panes. The left pane, titled 'Active Configuration', shows details for revision 1, configuration role 'Default', and activation date '12/02/2016 17:22:04'. It also indicates 'Activation Complete' with a green checkmark and buttons for 'View Configuration', 'Create Candidate Configuration', and 'Reactivate Configuration'. The right pane, titled 'Candidate Configuration', shows 'Config Last Modified' as 'N/A' and 'Last Modified By' as 'admin'. Below these panes is an 'Archived Versions' section with a table that currently has no data, and a 'No records found' message.

6. Click **Create Candidate Configuration**. The **Master Configurator** drop-down menu is displayed.

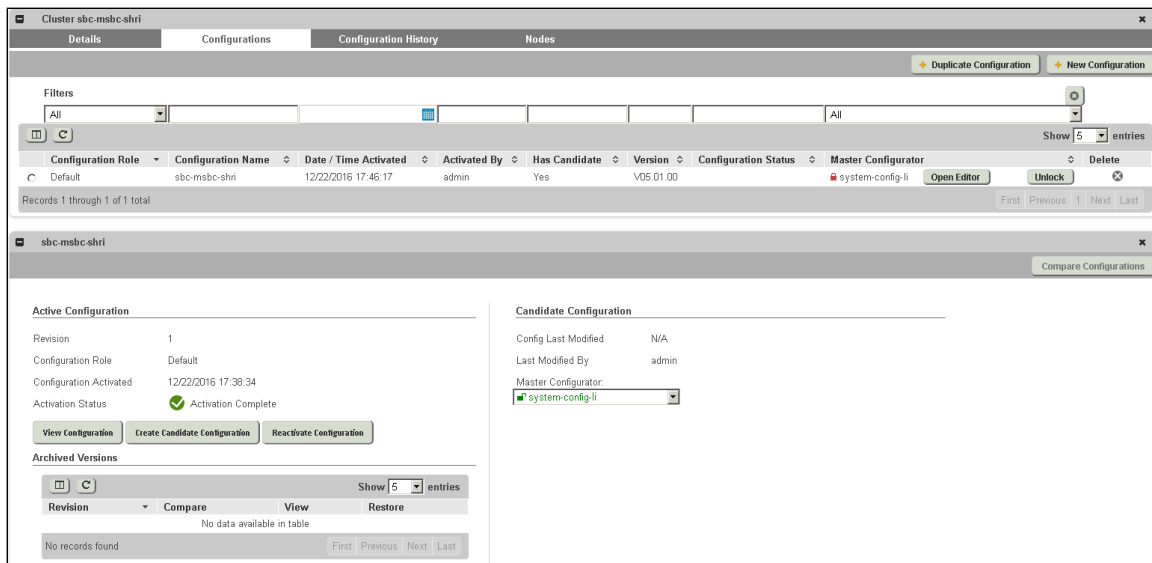
Figure 2: Creating Candidate Configuration



7. Click **Load Editor**. A circular progress bar is displayed against the Master Configurator node.

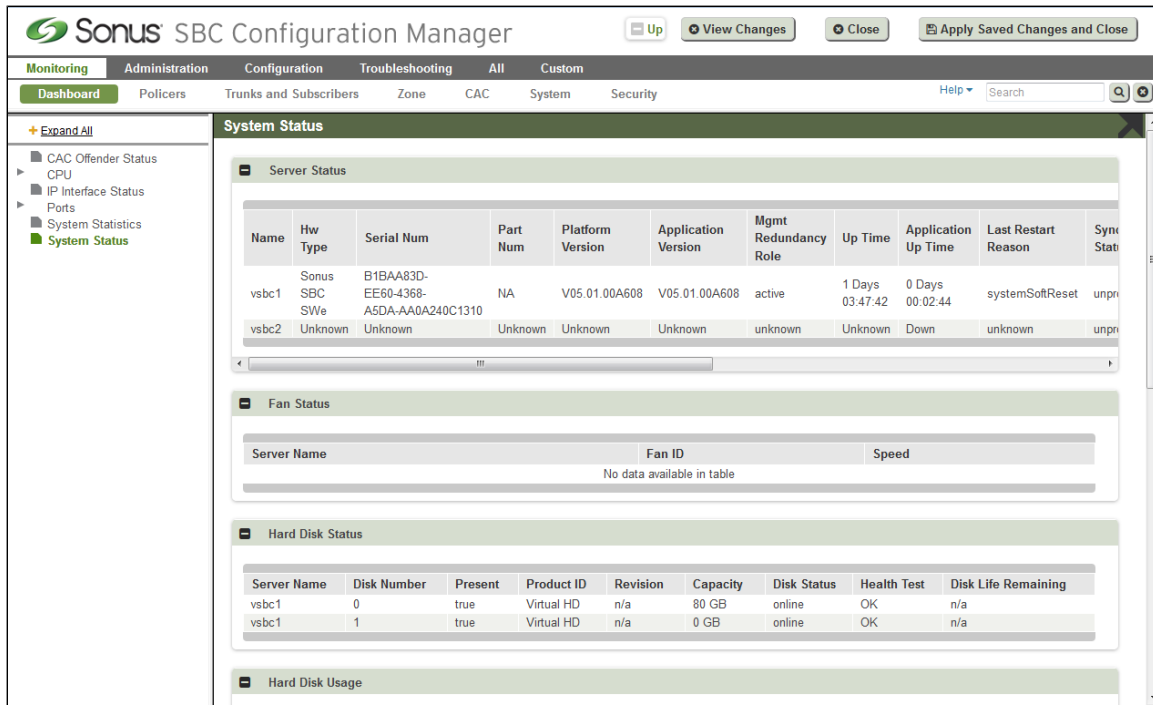
8. When the Master Configurator node is loaded, the **Open Editor** button is displayed next to the Master Configurator node.

Figure 3: Open Editor



9. Click **Open Editor**. The **SBC Configuration Manager** window is displayed.

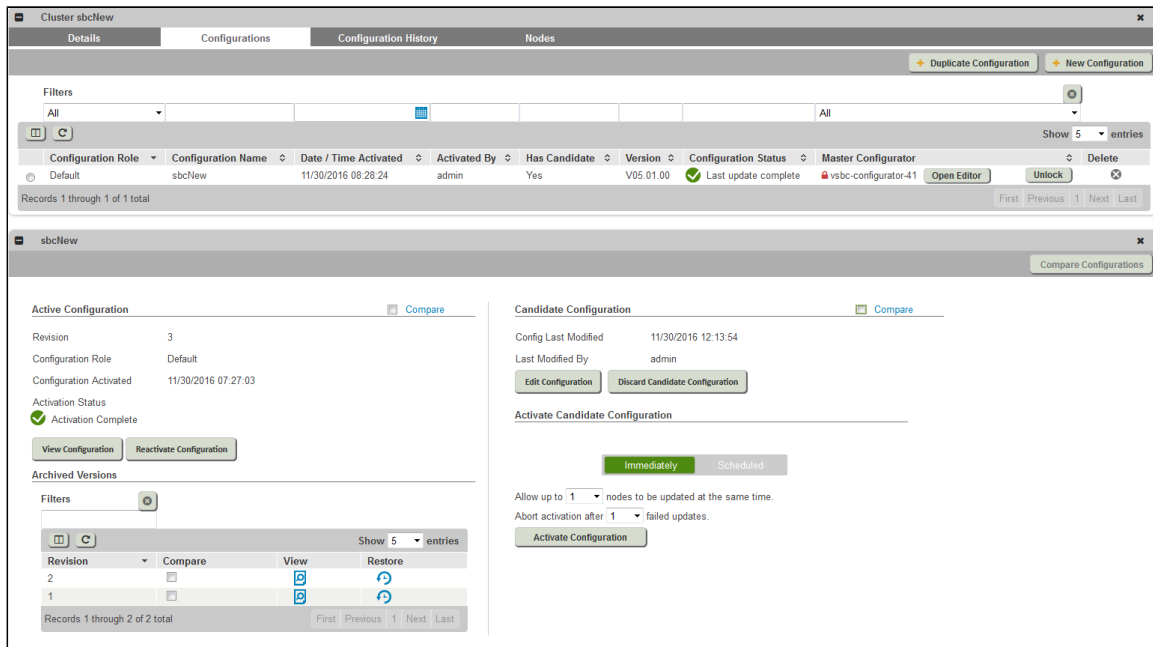
Figure 4: SBC Configuration Manager



10. Make the necessary SBC configuration changes. For more information on SBC configuration, refer to [EMA User Guide](#).
11. Click **View Changes** to view the configuration changes between the current configuration and the previously activated configuration.
12. Click **Apply Saved Changes and Close**. A circular progress bar is displayed.

The following screen is displayed when the candidate configuration is created.

Figure 5: Candidate Configuration



You can perform one from the following:

- For creating CDC configuration, refer to the **Creating Call Data Channel for M-SBC** section in [Creating and Activating LI Configuration for M-SBC](#)
- For editing the CDC configuration, proceed to [Editing CDC using EMS CALEA User Account](#).

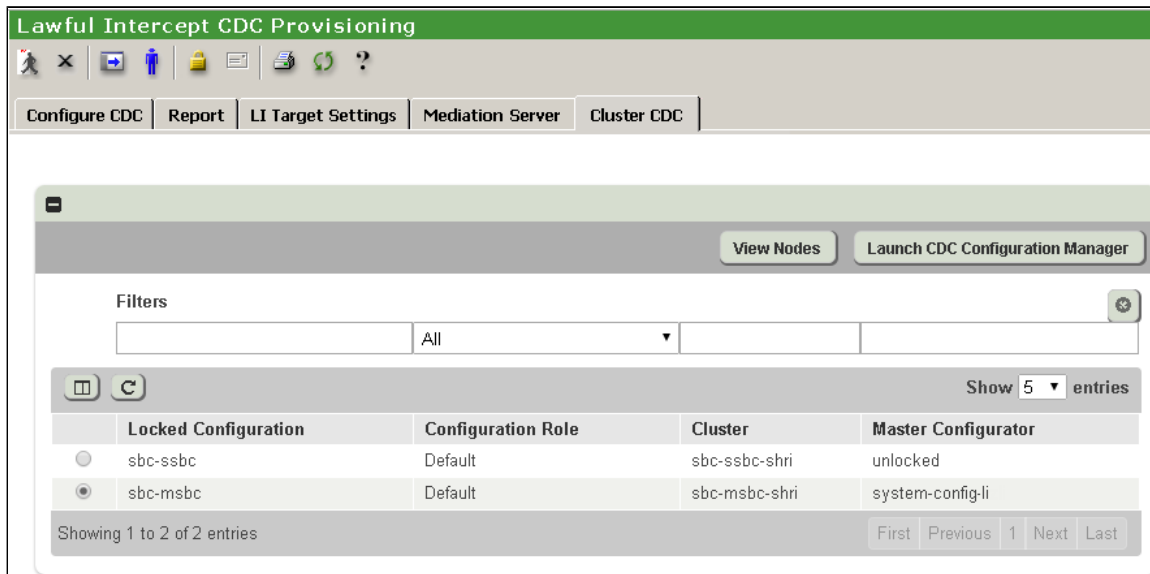
Editing CDC using EMS CALEA User Account

For LI, the CDC configuration is performed using the CDC Configuration Manager through the EMS. You can Create CDC information only as EMS **calea** user from the EMS CDC configuration window.

To edit CDC for cloud M-SBC nodes:

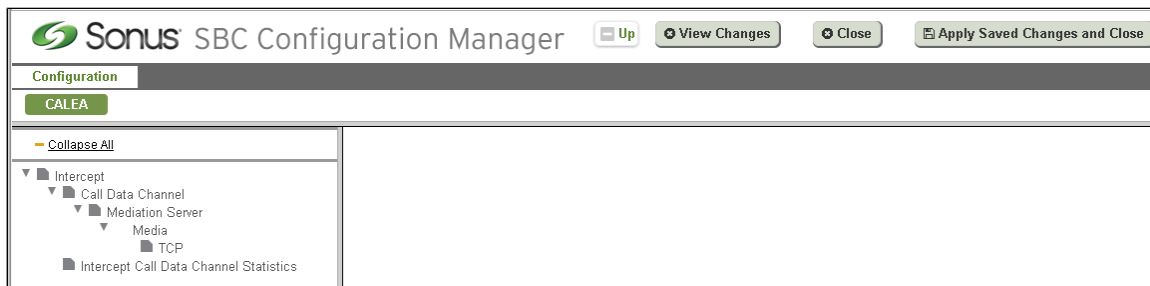
1. Log on to EMS as **calea** user. For information, refer to [Enabling Lawful Intercept on EMS Standalone](#).
2. Under **Network Management**, click **Lawful Intercept**. The **Lawful Intercept CDC Provisioning** window is displayed.
3. Click **Cluster CDC** tab. The **Cluster CDC** pane is displayed.

Figure 6: Cluster CDC Tab



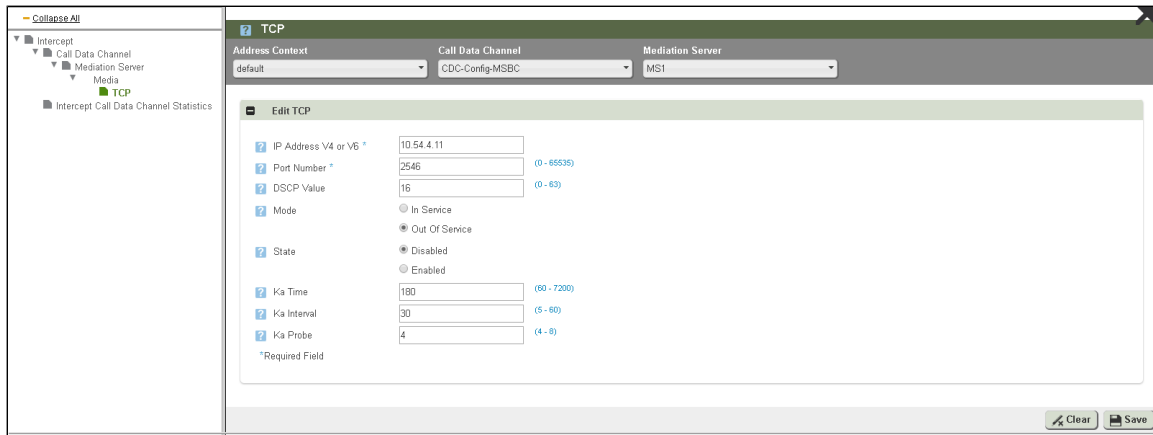
4. Select the M-SBC cluster with locked Configurator node.
5. Click **Launch CDC Configuration Manager**. The **SBC Configuration Manager** window is displayed.

Figure 7: SBC Configuration Manager



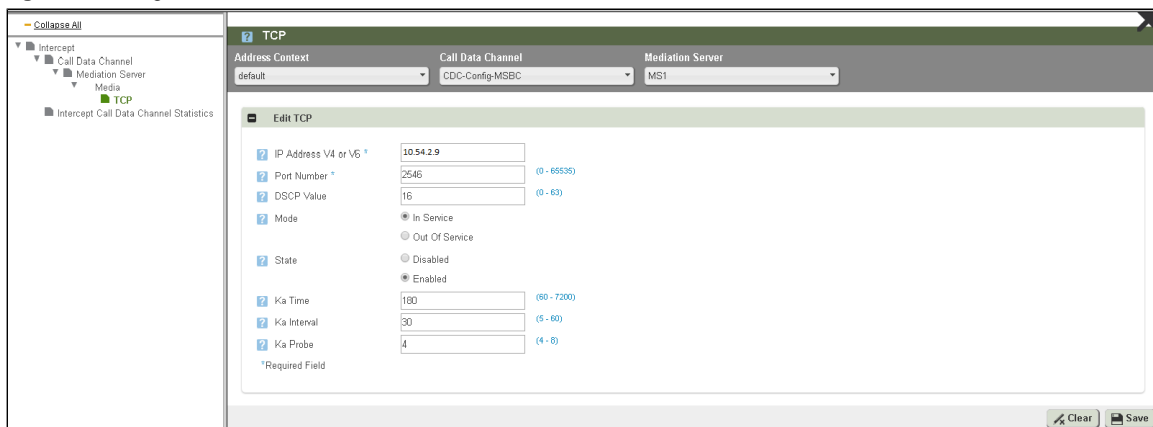
6. Navigate to **Configuration > Intercept > Call Data Channel > Mediation Server > Media > TCP**. The **TCP** window is displayed.
7. Select **default** from the **Address Context** drop-down menu.
8. Select the **Call Data Channel** from the drop-down menu.
9. Select the **Mediation Server** from the drop-down menu.
10. Disable the mediation server by changing the **State** as **Disabled** and **Mode** as **Out Of Service**.
11. Click **Save**. The object is Updated Successfully.
12. Click **OK**.

Figure 8: Editing TCP - Disabled



13. Make the required changes.
14. Enable the mediation server by changing the **State** as **Enabled** and **Mode** as **In Service**.
15. Click **Save**. The object is Updated Successfully.
16. Click **OK**.

Figure 9: Editing TCP - Enabled



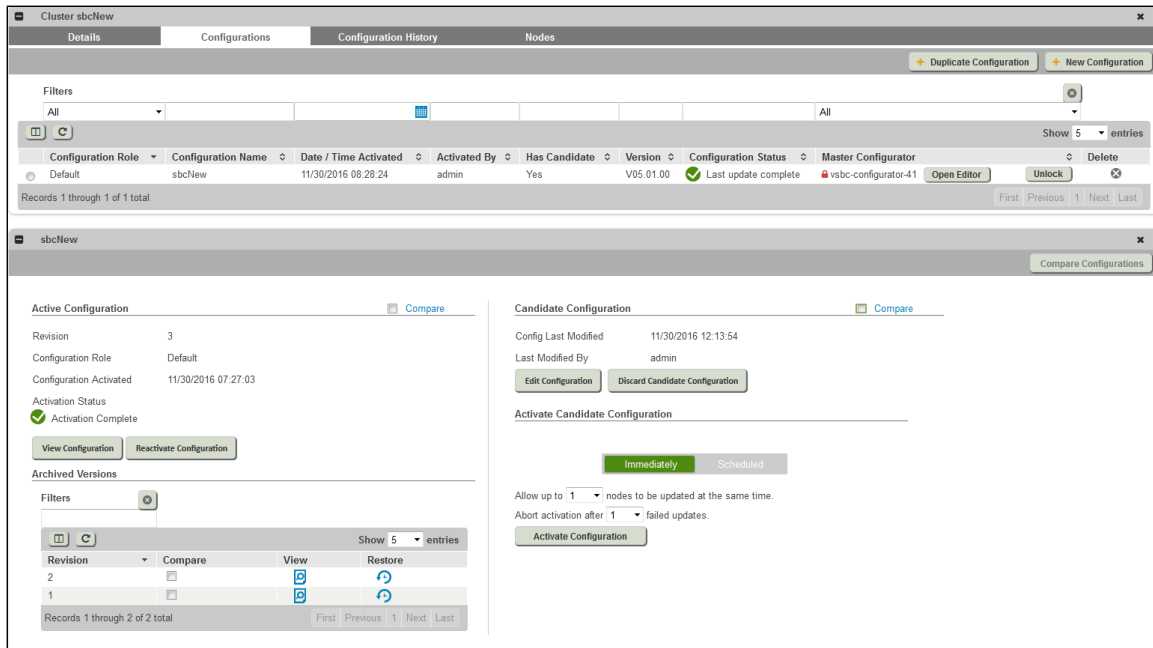
17. Click **Apply Saved Changes and Close**.
18. Activate the **Candidate** configuration (Proceed to [Activating Candidate Configuration](#)).

Activating Candidate Configuration

To activate a candidate configuration for M-SBC:

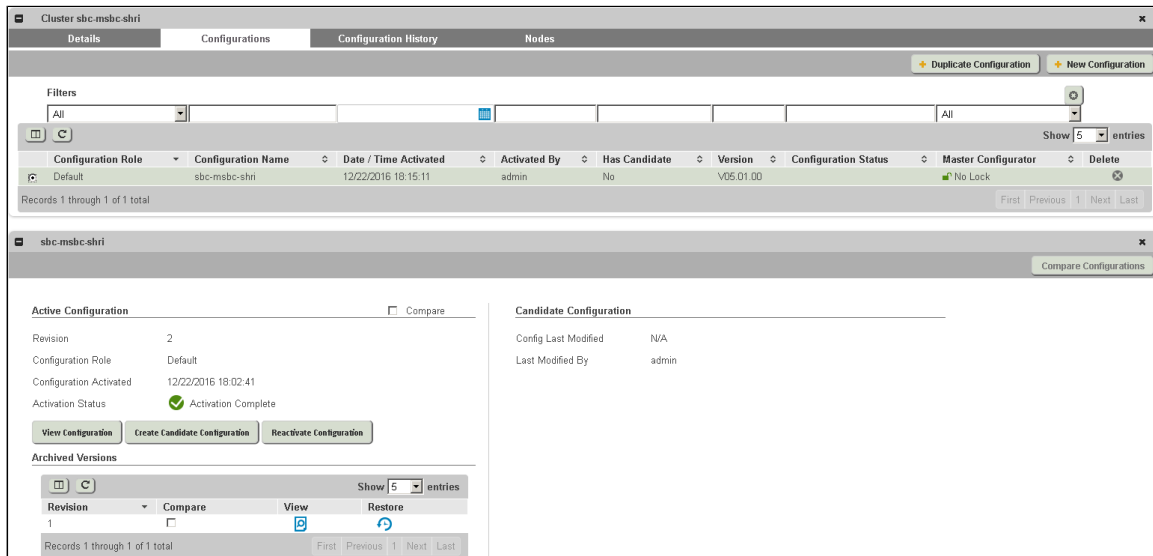
1. Log on to EMS as admin user.
2. Under **Network Management**, click **Cluster / VNF Management**. The **Cluster/VNF Management** window is displayed.
3. Select the M-SBC cluster for which the configuration is edited.
4. Click **Configuration** tab. The **Configuration** pane is displayed.

Figure 10: Activation Complete



5. In **Configuration Role** column, select the default configuration role to activate.
6. Click **Activate Configuration**.

Figure 11: Activating Partial Configuration



The configuration is activated to the nodes in the cluster.

