

How to Move a Secure Access Controller to a Different Cluster

<https://campus.barracuda.com/doc/18012/>

Moving boxes to a different cluster is currently not supported for Secure Access Controllers in version 8.0 because the procedure causes a loss of all Secure Connector networks. For moving a SAC in version 8.0 or higher to a different cluster, follow the instructions below.

To migrate a Secure Access Controller with assigned services to a different cluster, copy the configuration from the old cluster and re-configure the Secure Access Controller and Secure Connector settings in the new cluster according to your networking requirements. When the new Secure Access Controller is in place and running, remove the old management and data networks and delete the old Access Controller.

Before You Begin

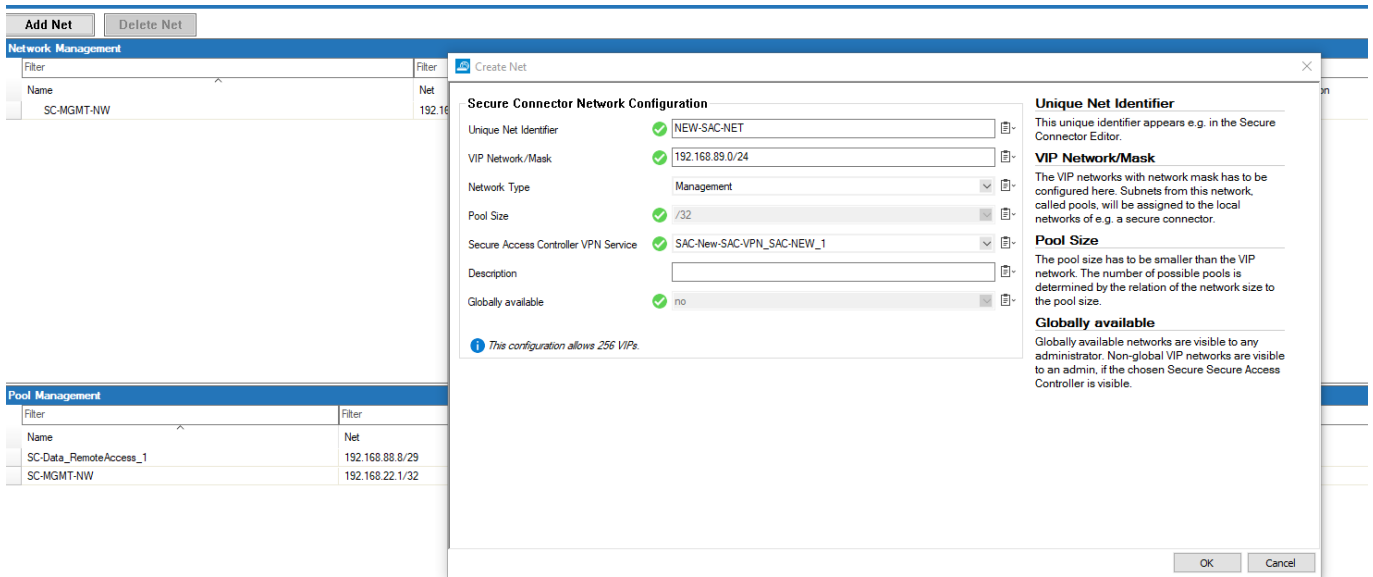
Verify that the cluster you are migrating to supports the Secure Access Controller model.

Step 1. Block Configuration Updates

- Log into the Control Center.
- Go to **CONTROL > Configuration Updates**.
- Right-click on the Secure Access Controller and click **Block Update**.

Step 2. Copy the Secure Access Controller to the New Cluster

1. In the Control Center, click the **CONFIGURATION** tab.
2. In the configuration tree, navigate to the range and cluster the Secure Access Controller resides in.
3. Expand **Boxes**, right-click the Secure Access Controller you want to move, and select **Copy Box**.
4. Select the new cluster, and enter a new name for the Secure Access Controller.



The screenshot shows the 'Create Net' dialog box in the Barracuda CloudGen Firewall interface. The dialog is titled 'Secure Connector Network Configuration' and contains the following fields and options:

- Unique Net Identifier:** NEW-SAC-NET
- VIP Network/Mask:** 192.168.89.0/24
- Network Type:** Management
- Pool Size:** /32
- Secure Access Controller VPN Service:** SAC-New-SAC-VPN_SAC-NEW_1
- Description:** (empty)
- Globally available:** no

On the right side of the dialog, there are informational sections:

- Unique Net Identifier:** This unique identifier appears e.g. in the Secure Connector Editor.
- VIP Network/Mask:** The VIP networks with network mask has to be configured here. Subnets from this network, called pools, will be assigned to the local networks of e.g. a secure connector.
- Pool Size:** The pool size has to be smaller than the VIP network. The number of possible pools is determined by the relation of the network size to the pool size.
- Globally available:** Globally available networks are visible to any administrator. Non-global VIP networks are visible to an admin, if the chosen Secure Access Controller is visible.

At the bottom of the dialog, there is a note: "This configuration allows 256 VIPs." and 'OK' and 'Cancel' buttons.

In the background, the 'Network Management' and 'Pool Management' sections are visible. The 'Network Management' table shows a single entry: SC-MGMT-NW with Net 192.168.22.1/32. The 'Pool Management' table shows two entries: SC-Data_RemoteAccess_1 with Net 192.168.88.8/29 and SC-MGMT-NW with Net 192.168.22.1/32.

Step 4. Configure Secure Connectors

- Add Secure Connectors to the Access Controller on the new cluster, using Secure Connector configuration templates.

For more information, see [Secure Connector Setup and Configuration](#).

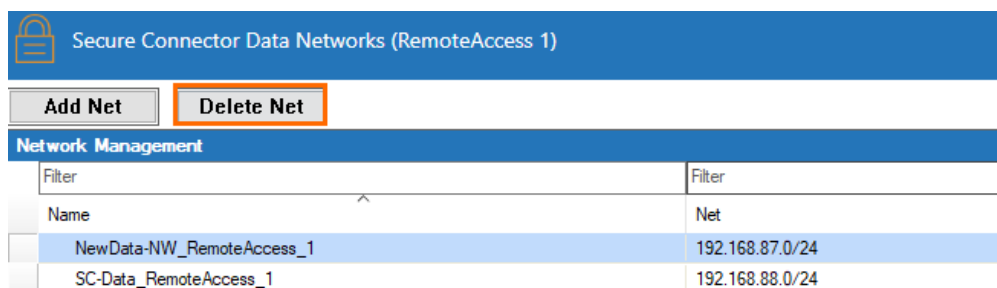
Step 5. Remove the old Secure Access Controller

As soon as the new Secure Access Controller is up and running, you can delete the old box.

1. In the Control Center, navigate to the old Secure Access Controller.
2. Right-click the Secure Access Controller and select **Lock**.
3. Right click the Secure Access Controller and select **Remove Box**.
4. Click **OK**.
5. Click **Send Changes** and **Activate**.

To delete the networks used by the old Access Controller:

1. Log into the Control Center.
2. Go to **Multi-Range > Global Settings > Secure Connector Management Networks**.
3. Click **Lock**.
4. Select the old network you wish to delete.
5. Click **Delete Net**.



Secure Connector Data Networks (RemoteAccess 1)

Add Net **Delete Net**

Network Management

Name	Net
NewData-NW_RemoteAccess_1	192.168.87.0/24
SC-Data_RemoteAccess_1	192.168.88.0/24

6. Click **OK**.
7. Click **Send Changes** and **Activate**.

Step 6. Unblock Configuration Updates

1. Go to **CONTROL > Configuration Updates**.
2. Right-click on the firewall and click **Unblock Update**.

Figures

1. sc_move.png
2. sc_move01.png
3. sc_delete.png

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