

## How to Back Up and Restore a Secure Connector Infrastructure

<https://campus.barracuda.com/doc/91128342/>

The configuration of the Secure Connector and the Secure Access Controller is stored in the archive.par file of the Control Center, whereas the box layer configuration of the Control Center itself is stored in the box.par file of the Control Center. The back up and restore process of a Secure Access Controller works in the same way as on the CloudGen Firewall.

[Contact Barracuda Networks Technical Support](#) to migrate beyond a back up or restoration.

### Back Up Your Infrastructure

To back up the configuration of your infrastructure, create a box.par file on the Control Center to save the box layer configuration of the Control Center. Then, create an archive.par file to save the configuration of all managed firewalls, the Secure Controller, and the Secure Connector.

#### Step 1. Back Up Your Control Center Box Layer

1. Log into the box layer of the Control Center.
2. Go to **CONFIGURATION > Configuration Tree**.
3. Right-click **Box** and select **Create PAR file**. The **Save As** window opens.
4. Select the archive type:
  - o **PAR File (\*.par)** (default)
  - o **Compressed PAR File (\*.pgz)**
  - o **Encrypted PAR File (\*.pca)**
5. If you selected **Encrypted PAR file**, the **Password** window opens.
6. Click **Use Serial Number** or enter the **Password** manually.

The **box.par** file is saved to your local hard drive.

#### Step 2. Back Up Your Control Center Configuration

1. Log into the Control Center.
2. Go to **CONFIGURATION > Configuration Tree**.
3. Right-click the **Multi-Range** and select **Create PAR file**.
4. The **Save As** window opens.
5. Select the archive type:
  - o **PAR File (\*.par)** (default)
  - o **Compressed PAR File (\*.pgz)**
  - o **Encrypted PAR File (\*.pca)**

6. If you selected **Encrypted PAR file**, the **Password** window opens.
7. Click **Use Serial Number** or enter the **Password** manually.

The **archive.par** file is saved to your local hard drive.

## Restore Your Infrastructure

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To restore the configuration of your infrastructure, import the box layer configuration of your Control Center from the box.par file, then import the Control Center configuration of all your devices in the Control Center with the archive.par file. In the restored Control Center, export the configuration of your Secure Access Controller in a box.par file. On the Secure Access Controller, import the configuration from the created PAR file.

### Step 1. Import the Box Layer Configuration of Your Control Center

1. Log into the box layer of the Control Center.
2. Go to **CONFIGURATION > Configuration Tree**.
3. Right-click **Box** and select **Restore from PAR file**. Select the required PAR / PGZ / PCA file.
4. If you are using a PCA file encrypted with a manual password, enter the **Password** and click **OK**.
5. Click **Activate**.
6. Go to **CONTROL > Box**.
7. In the left navigation menu, expand **Operating System** and click **Firmware Restart**. Click **Yes** to confirm that you want to restart the subsystem.
8. Expand **Network** and click **Activate new network configuration**.
9. Select one of the following network configuration activation modes:
  - If you continue to use the same management IP address and management port, click **Failsafe**.
  - If the new management IP address and management port are different from the ones currently configured on the appliance, click **Activate now**.  
For information, see [How to Activate Network Changes](#).

### Step 2. Import the CC Configuration

1. Log into the Control Center.
2. Go to the **CONFIGURATION > Configuration Tree** page. If you are prompted with warning messages, click **no**.
3. Right-click **Multi-Range** and select **Restore from PAR file**.
4. Select the required **archive.par** file.
5. (Optional) If the license has changed, you must also import the base license of the box layer on the Control Center. For more information, see [How to Manually Install the Licenses for the Control Center](#).

If you are restoring the configuration of a Control Center that has been reinstalled after a system crash, you must also restore the configurations of the appliances that it manages.

### Step 3. Export the Configuration of Your Secure Access Controller

1. Log into the Control Center.
2. Click the **CONFIGURATION** tab.
3. In the **Configuration Tree**, navigate to the range and cluster for the Secure Access Controller.
4. Expand **Boxes**, right-click the Secure Access Controller, and select **Create PAR file for box**.
5. Select the archive type:
  - **PAR File (\*.par)** (default)
  - **Compressed PAR File (\*.pgz)**
  - **Encrypted PAR File (\*.pca)**
6. If you selected **Encrypted PAR file**, the **Password** window opens.
7. If you selected **Encrypted PAR file**, click **Use Serial Number** or enter the **Password** manually.
8. Save the PAR file to your local hard drive.

### Step 4. Import the Configuration of Your Secure Access Controller

On your Secure Access Controller, import the configuration of the Secure Access Controller.

1. Log into the Secure Access Controller.
2. Go to the **CONFIGURATION > Configuration Tree** page.
3. Right-click **Box** and select **Restore from PAR file**. Select the PAR or PCA file you previously created for this Secure Access Controller in the Control Center.
4. If you are using a PCA file encrypted with a manual password, enter the **Password** and click **OK**.
5. (Optional) Click **OK** to confirm the Emergency Override warning message.
6. Click **Activate**.
7. Go to the **CONTROL > Box** page.
8. In the left navigation pane, expand **Operating System** and click **Firmware Restart**. Click **Yes** to confirm that you want to restart the subsystem.
9. Expand **Network** and click **Activate new network configuration**.
10. Select one of the following network configuration activation modes:
  - If you continue to use the same management IP address and management port, click **Failsafe**.
  - If the new management IP address and management port are different from the ones currently configured on the appliance, click **Activate now**.  
For information, see [How to Activate Network Changes](#).

## Further Information

- [How to Back Up and Restore Firewall, Secure Access Controller and Control Center Configurations](#)
- [How to Backup and Restore CC Archive Par Files on the Command Line](#)

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