



## Upgrading a Standalone Connection Broker 8.2 Environment to Leostream 9.0

Connection Broker 9.0 is the next major release of the Leostream Connection Broker. It includes a new user interface and licensing scheme, as well as new Leostream Connect client, Leostream Agent, and a new Leostream Gateway.

### Important Notes!

1. Some Connection Broker 8.2 functionality has been removed in Leostream 9.0. Consult the [Leostream Release Notes](#) for a full list of obsolete features. You should not upgrade to 9.0 if you use any of the removed features.
2. Leostream Connection Broker 9.0 requires a new Leostream license key. You can not use your Connection Broker 8.x license key to run Leostream 9.0. Please, contact [sales@leostream.com](mailto:sales@leostream.com) to discuss upgrade options.
3. Upgrade any Leostream Agents and Leostream Connect clients after you upgrade your broker to version 9.0. The Leostream Agent version 7.0 for Microsoft Windows version is not compatible with older versions of the Connection Broker.

### New Connection Broker Setup

1. Build your base Linux machine to host your 9.0 Connection Broker. Leostream suggests using CentOS or Red Hat Enterprise Linux versions 7.4, or later. Leostream packages are also available for Ubuntu 16.04 and SUSE Linux Enterprise Server 12 SP3.
2. Install the Connection Broker 9.0 packages. For installation instructions, see the [Leostream Installation Guide](#). After installing each Connection Broker:
  - a. Log into the Connection Broker using the default admin account.
  - b. Obtain and apply your Leostream license.

### Database Backup

3. In your 8.2 Connection Broker, go to the > **System > Maintenance** page and select **Backup internal database**. Store the downloaded file in a location accessible by your 9.0 Connection Broker.

### Decommission Older Connection Broker

4. If your current Connection Broker uses a custom SSL certificate, you can download the certificate for use in your 9.0 Connection Broker. Otherwise, skip to step 5.
  - a. In your 8.2 Connection Broker, go to the > **System > Maintenance** page.
  - b. Select **Download the SSL credentials for installation on another Connection Broker**.



- c. Follow through the wizard to create the credentials file.
5. Gracefully power off your old Connection Broker.
  - a. Go to the > **System** > **Maintenance** page on your old Connection Broker.
  - b. Select **Shutdown the Connection Broker** from the **Reset** options.
  - c. Click **Next**. After five seconds passes, the Connection Broker application stops.

#### **Reassign Static Connection Broker IP Addresses (Optional)**

6. Log into the virtual machine console of your new 9.0 Connection Broker and reset the Linux machines IP address to the value previously used by your 8.2 Connection Broker. Reboot the Linux machine after resetting the IP address, to restart the Connection Broker

#### **Upload the Connection Broker database**

7. Log into the Administrator Web interface for your new 9.0 Connection Broker.
  - a. Go to the > **System** > **Maintenance** page.
  - b. Select **Restore database from backup**.
  - c. Click **Next**.
  - d. Select the database file you downloaded from your previous Connection Broker.
  - e. Click **Submit**.

#### **Apply SSL Certificates**

8. If you downloaded SSL certificates information from your previous Connection Broker, you can upload them to the new Connection Broker, as follows.
  - a. Go to the > **System** > **Maintenance** page.
  - b. Select the **Install the SSL credentials from another Connection Broker** option.
  - c. Click **Next**.
  - d. Enter or browse for the file name of the SSL credentials downloaded from the older Connection Brokers.
  - e. Click **Load the SSL credentials**.

Your new Connection Broker is now ready for use.



**Remember!** If you reused your Connection Broker IP address, do not power on your old Connection Broker after reassigning the IP address to your new Connection Broker.

**Note:** If your 8.2 Connection Broker leveraged any Leostream Gateways, you need to rebuilt those Gateways using the new version available with Leostream 9. You cannot upgrade your existing Leostream Gateways. Also, make sure to remove any old Leostream Gateways shown on the > **Setup** > **Gateways** page of your 9.0 Connection Broker.