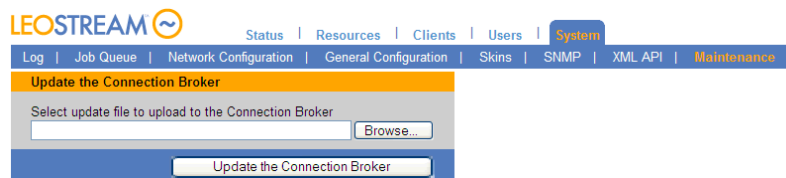


Connection Broker 6.0 P1 (6.0.11) – Release Notes

Connection Broker 6.0 P1 (6.0.11) is available as an upgrade from version 6.0.8. To download and install this update, select the **Check for updates** option on the > **System > Maintenance** page and click **Next**. The following updates page opens:



1. Click the **Click here** link in the first step to check for updates. A new Web browser opens, indicating if there are updates for your Connection Broker
2. If an update is available, download the updated file. Once the file is downloaded, close the browser and return to the Connection Broker Web interface.
3. Click the **Click here** link in the second step of the update process. The following **Upgrade the Connection Broker** form opens.



4. Enter the full path to the update file you downloaded, or browse for the file.
5. Click **Upgrade the Connection Broker** to install the update.

You can optionally monitor the update process. Once the upgrade is complete, you may need to sign back into your Connection Broker.

The following lists describe some of the key improvements in Connection Broker 6.0 P1 (version 6.0.11). For a complete list of improvements, please contact sales@leostream.com.

Connection Broker 6.0.11

- You can now download an internal database from a 5.3.50 version of the Connection Broker and upload the database into the 6.0.11 version. See [Upgrading from Version 5.3 to Version 6.0.8](#) for more information)
- Creating pools using tags no longer causes an internal server error.
- RGS connections no longer fail when the user's password contains numbers.
- No longer error out if a customization file is specified when provisioning desktops in a pool.
- Added a high-water mark for license usage to the > **System > Maintenance** page.
- The behavior of the **Forced logout** policy option in the **When User Disconnects from Desktop** section has changed.

Prior to Connection Broker 6.0.11, the **Force logout** policy action was taken *only* if the user was still assigned to their desktop. Therefore, if the **Assignment** action had a shorter wait time than the

Forced logout action, and the assignment action was to release the desktop back to the pool, the forced logout action was never taken.

Starting with Connection Broker 6.0.11, the **Forced logout** action is *always* taken, even if the desktop was released to the pool. For example, if the **Assignment** action releases the desktop 8 hours after the user disconnects from the desktop, and the **Forced logout** action logs the user out 12 hours after the user disconnects, in 6.011, the Connection Broker executes both the release and logout actions. Prior to 6.0.11, the Connection Broker executed only the release action.

Leostream Connect 2.3.41

- Uninstaller replaces the shell registry key with `explorer.exe`, if Leostream Connect had been installed in shell mode.
- Bug fix: Improved internationalization of installer for Portuguese and Spanish versions.

Leostream Connect/Java 1.3.85

- Improvements to `utswitch` for Sun Ray DTUs.
- Added customization parameters to control button colors on the Leostream Connect/Java dialogs. For more information, please, consult the `index.html` included in the ZIP-file.
- UI enhancements on the Resource Selection dialog.
- Disable UI control while a login is in progress.

Leostream Agent 4.2.59

- Improvements to SSL implementation
- Improvements for handling 64-bit operating systems.
- Improvements to multi-monitor support

Connection Broker 6.0 GA (6.0.8) – Release Notes

Connection Broker 6.0 expands on the feature set available in version 5.3 SP3 (5.3.50). See **Upgrading from Version 5.3 to Version 6.0.8** for information on how to upgrade your 5.3 Connection Broker. If you need to upgrade an older version of the Connection Broker to version 5.3.50, please see the Connection Broker 5.3 release notes available on the **Downloads & Documentation** page of the Leostream Web site.

Connection Broker Version 6.0

- **XenServer Support:** New virtual appliance that can be installed on Citrix XenServer 5.0 (see the Leostream [Installation Guide](#)).

The Connection Broker now supports installation on the following platforms:

- VMware Server version 2.0.x
- VMware Workstation version 6.5.x
- VMware ESX and ESXi 3.5
- Citrix XenServer 5.0

Note: The Connection Broker no longer supports installation on the following platforms:

- VMware Server 1.0.x

- VMware ESX 3.0.x
- **Extended Monitor Support:** Create monitor layout groups. Monitor layout groups allow you to define groups of clients that have a predefined number of attached monitors, for example, a call center with two monitors attached to each client.

When a client in a particular monitor layout group connects to a remote desktop running the Leostream Agent, the remote session is extended across all available monitors. End users can either split or span their session across all their monitors, allowing them to position the task bar across a single, or all, monitors. Applications intelligently position and resize, based on the size and number of monitors.

- **Desktop Management:**
 - Register virtual and physical desktops with the Connection Broker using the desktop's IP address. Eliminates the requirement that you must create a Connection Broker center; and allows you to register desktops that are not part of any Active Directory domain.
 - New bulk action to delete multiple desktops from the Connection Broker.
- **Syslog Integration:** Integration with syslog servers to ease audit tracking and compliance.
- **Reporting:** Built-in reports on resource usage and Connection Broker policy setup.
- **Downloading Connection Broker Data:** Option to download CSV-files from all Connection Broker tables, simplifying importing Connection Broker data into a spreadsheet application, such as Microsoft Excel, for future analysis.
- **Filtering Pools:** Filter pools in a policy using any Active Directory attribute. Previous Connection Broker versions allowed filtering pools only using the `managedBy` attribute.
- **Web Interface:** New Connection Broker Web interface look-and-feel.

Leostream Connect Version 2.3.37

- Client-side single sign-on provides direct access to a user's remote desktop as soon as they launch Leostream Connect.
- Leostream Connect start menu name has changed. Upgrading to 2.3 replaces the **Leostream Connect** menu with a general **Leostream** menu.
- Spanish and Portuguese translations of Leostream Connect.
- New installation option to install in shell mode.
- USB drivers are now signed, enabling automatic updates of the Leostream Connect client from the Connection Broker when the drivers are installed.
- Updated version of OpenSSL to v0.9.8k. Leostream Connect first tries to communicate with the Connection Broker using SSL, the fails over to non-SSL communications, over port 443 and 80, respectively.
- USB passthrough improvements.
- Improvements to HP RGS support on 64-bit machines.
- Enhanced discovery of Connection Broker address to include **DNS Suffix Search List**, if one is configured.

Leostream Connect/Java Version 1.3.75

- New and expanded GUI look-and-feel.
- Performance and usability enhancements.
- Support for unauthenticated logins.
- No longer require a `policy.dat` file to store Connection Broker policies used by Leostream Connect

Leostream Agent Version 4.2.55

- New extended monitor support provides true multi-monitor support for clients connected to any number of monitors. Applications position and maximize intelligently. Works in conjunction with Connection Broker monitor layout groups.
- Updated version of OpenSSL to v0.9.8k. The Leostream Agent can now use SSL to communicate with the Connection Broker.
- Enhanced single sign-on.
- Leostream Agent start menu name has changed. Upgrading to 4.2 replaces the **Leostream Agent** menu with a general **Leostream** menu.
- Enhanced discovery of Connection Broker address to include **DNS Suffix Search List**, if one is configured.
- USB drivers are now signed, enabling automatic updates of the Leostream Connect client from the Connection Broker when the drivers are installed

Points of Interest

- Connection Broker 6.0 introduces a new Web interface design. For best results, close any existing Connection Broker Web interfaces and clear your Web browser's cache before you launch the new Connection Broker Web interface.

If you experience flaws in any of your Connection Broker Web interface pages, press CTRL-Refresh to reload the page.

- The internal database in Connection Broker 6.0 is case sensitive. If you are upgrading a 5.3 Connection Broker to version 6.0, ensure that all pools, tags, locations, policy filters, etc., take case sensitivity into account. For example, in 5.3 a pool created with desktops that start with "QA" will include all desktops that start with "QA", "qa", "Qa", and "qA". In 6.0, the pool will contain only desktops whose names begin with "QA".
- The Connection Broker allows you to hard-assign desktops to client devices. When a user logs into one of these clients, the Connection Broker offers the user *only* the desktop assigned to that client. However, the Connection Broker will offer any applications that are offered to the user via their policy.
- If you switch your 6.0 Connection Broker to an external database, you may lose your network settings. You can reset your network using the Connection Broker virtual machine's console (see "Manually Configuring the Connection Broker Address" in the [Leostream Installation Guide](#) for instructions). After you reset the network at the console, log into your Connection Broker Web interface. Go to the **> System > Network Configuration** page and set your static IP address, here, as well. If you do not reset the IP address through the **Network Configuration** page, you may need to reset your network in the virtual machine console every time you reboot your Connection Broker.
- When using Leostream Connect/Java with Sun Ray DTUs, if Leostream Connect returns a "Cannot open audio device" error, add the following parameter to the Sun Ray `uttsc` **Command line** field in the **Leostream Connect Configuration** section of the Connection Broker policy:

```
-r:sound off
```

Additional errors, such as 'Invalid Timezone translation', may occur, and may be related to other Sun Ray `uttscc` parameter. Try logging out and logging back in, if unknown errors occur. If the problem persists, contact support@leostream.com

Upgrading from Version 5.3 to Version 6.0.8

The upgrade to Connection Broker 6.0 from version 5.3 requires a reinstall of the Connection Broker. To upgrade a version 5.3.x Connection Broker to version 6.0, you must, first, upgrade your 5.3 Connection Brokers to the latest patch version. See "Updating the Connection Broker" in the [Connection Broker Administrator's Guide](#) for detailed instructions on upgrading the 5.3 Connection Broker.

Note: Connection Broker 6.0 requires a new license key. Please, contact sales@leostream.com to convert your existing key to the new format.

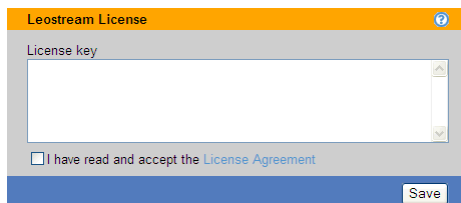
For best performance, ensure that you have no **Running** jobs in your Connection Broker job queue before you begin upgrading your Connection Broker. To check for running jobs, go to the > **System** > **Job Queue** page and try to filter the **Status** column by **Running**. If a **Running** option doesn't appear in the **Status** filter, you have no running jobs.

If your centers have a fast refresh rate, you will have difficulty clearing running jobs out of your job queue. Change the **Refresh Interval** of all your centers to **Manual**, to keep new jobs from appearing in the queue.

Using Connection Broker 6.0 with an Internal Database

If your 5.3.x Connection Broker runs with an internal database, upgrade to the 6.0 Connection Broker, as follows.

1. Change the **Refresh Interval** of all your centers to **Manual**.
2. Back up your existing 5.3.x Connection Broker database.
3. After you have updated your Connection Brokers to the latest 5.3.x patch, go to the > **System** > **Maintenance** page.
4. Select the **Download** option.
5. Click **Next**.
6. Save the Connection Broker configuration.
7. Use the **Shutdown** option on the > **System** > **Maintenance** page to shut down your 5.3.x Connection Broker.
8. Back up your 5.3 Connection Broker.
9. Install the 6.0 Connection Broker.
10. When you sign into the 6.0 Connection Broker, the **Leostream license** page, shown in the following figure, appears. Enter your new 6.0 license key.





Connection Broker 6.0 will not accept previous versions of the Leostream license. If you are upgrading from Connection Broker 5.3, you must obtain a new license from Leostream.

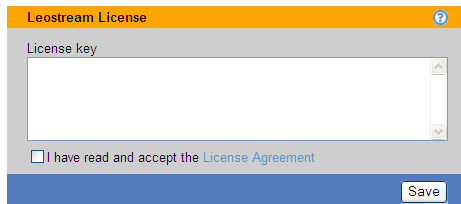
11. Select the **I have read and accept the License Agreement** option.
12. Click **Save**.
13. In the new Connection Broker, go to the **> System > Maintenance** page.
14. Select the **Restore** option.
15. Browse to the file you saved from your previous Connection Broker, and restore the database.

Your version 6.0 Connection Broker now contains all the information from your 5.3 version. Please, scan through the Web interface to ensure no information was lost. If you encounter problems, contact support@leostream.com.

Using Connection Broker 6.0 with an External Database

If your 5.3.x Connection Broker runs with an external Microsoft® SQL Server® 2005 database, upgrade to the 6.0 Connection Broker, as follows

1. Change the **Refresh Interval** of all your centers to **Manual**.
2. Shut down all 5.3.x Connection Brokers that point to your SQL Server database. (You can use the **Shutdown** option on the **> System > Maintenance** page to shut down your Connection Brokers.)
3. Back up your existing 5.3.x Connection Broker database.
4. Install the 6.0.x Connection Broker.
5. When you sign into the 6.0 Connection Broker, the **Leostream license** page, shown in the following figure, appears. Enter your new 6.0 license key.



Note: Connection Broker 6.0 will not accept a Connection Broker 5.x license key.

6. Select the **I have read and accept the License Agreement** option.
7. Click **Save**.
8. Again, in the **> System > Maintenance** page, select **Switch database**.
9. Select the **External database** option.
10. Enter the information for your existing 5.3.x Connection Broker data base. A warning appears, indicating that the 5.3.x database will be upgraded to the 6.0 format.
11. Accept the warning to upgrade the database. The upgrade is not reversible.

Note: Once the database is upgraded, it cannot be connected back to a 5.3.x Connection Broker.

Your version 6.0 Connection Broker now contains all the information from your 5.3 version. Scan through the Web interface to ensure no information was lost. If you encounter problems, contact support@leostream.com.

Removing Inactive Running Jobs

If you downloaded your Connection Broker 5.3 database while one of your centers was refreshing, the center will be stuck in the **Refreshing** state in your 6.0 broker. Please, contact Leostream support for information on solving this issue.