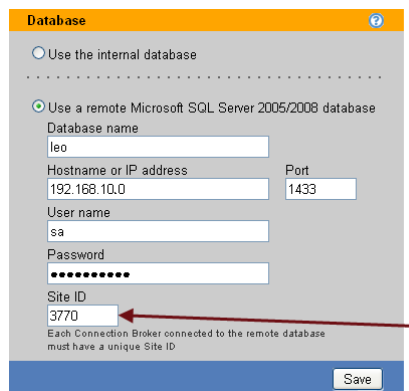



- e. Select the **Use the internal database** option.
 - f. Click **Save**.
8. Update the Connection Broker that remains attached to the SQL Server database. See the “Connection Broker Virtual Appliance Administrator’s Guide” for complete instructions.

The update process modifies the database schema in the SQL Server database to support the new Connection Broker version.

9. Update the Connection Brokers that are now attached to their internal databases.
10. After all Connection Brokers are updated, switch each Connection Brokers from their internal databases back to the SQL Server database, as follows.
- a. Go to the **> System > Maintenance** page.
 - b. Select the **Switch to another database** option.
 - c. Click **Next**. The **Database** form opens.
 - d. Select the **Use a remote Microsoft SQL Server 2005/2008 database** option.
 - e. In the **Database name** field, enter the name of the SQL Server database that is connected to the Connection Broker you updated in step 8.
 - f. Enter the hostname, user name, and password for the Microsoft SQL Server instance that contains this database.
 - g. For each Connection Broker, in the **Site ID** edit field, shown in the following figure, enter the site ID noted in step 7-d



 When switching each Connection Broker back to the SQL Server database, ensure that you assign each Connection Broker to the same Site ID it had before you removed it from the cluster. Maintaining the same site ID ensures that each Connection Broker picks up any work queue jobs that were previously assigned to that site ID.

11. After all Connection Brokers are reattached to the SQL Server database, go to the **> System > Job Queue** page. Ensure that all Pending jobs are associated with Site IDs assigned to one of the Connection Brokers currently in the cluster. If any Pending job is associated with a Site ID that is not associated with a Connection Broker currently in the cluster, check if any of the following are true.

- Did you reattach a Connection Broker to the SQL Server database using a different Site ID than it had when you first removed it from the cluster? If so, you can use the **Switch to another database** option on the > **System > Maintenance** page to change the Connection Broker site ID to the appropriate value.
- Do you no longer have a Connection Broker associated with that Site ID? If not, Use the **Settings** link on the > **System > Job Queue** page to delete all work queue jobs associated with that Site ID. The Connection Broker reassigns all Pending jobs to new site IDs.



Any Connection Brokers that you do not switch back to an internal database before beginning the upgrade are placed into *maintenance mode* after the first Connection Broker is upgraded. In some cases, you cannot log in to the Administrator Web interface of a maintenance mode Connection Broker to perform an upgrade. If a maintenance mode Connection Broker is blocking all logins, use the procedure in “Removing a Maintenance Mode Connection Broker from the Cluster” in the [Connection Broker Virtual Appliance Administrator’s Guide](#).