



Upgrading from Abiquo 2.0-HF6 to 2.0-HF7

1. Description

2.0-HF7 packages upgrade the Abiquo platform servers of the Abiquo Monolithic, Abiquo Distributed installs. It is possible to upgrade Cloud In a Box installs, but this upgrade is not supported by Abiquo.

Follow this documentation to upgrade every Abiquo server (Remote Services, V2V, Server). Upgrading Abiquo Community Cloud Nodes (KVM, Xen Community, VirtualBox) and LVM storage servers is not required with this release.

2. Prerequisites

This hot fix is for version 2.0-HF6. To perform a fresh install, you should install version 2.0 first and then install the other hot fix packages in order, to upgrade to 2.0-HF1, 2.0-HF2, 2.0-HF3, 2.0-HF4, 2.0-HF5 and 2.0-HF6 first and then 2.0-HF7.

3. Preparation

3.1. Back up your system and customized elements

Before making any changes to your system, ensure that you have a complete and validated system backup. Remember to back up all customized elements, such as branding. After upgrading your system, reapply branding, and check and reapply any other customizations as necessary.

3.2. Download the upgrade package

<http://download.abiquo.com/enterprise/updates/2.0/abiquo-upgrade-2.0-HF7.bin>

user: enterprise
password: tCs3125

Package MD5:
38d34b946235a441f64c2d3109594703 abiquo-upgrade-2.0-HF7.bin

✓ Download Command

You can download it from the servers with the command:

```
wget --user=enterprise --password=tCs3125 \  
http://download.abiquo.com/enterprise/updates/2.0/abiquo-upgrade-2.0-HF7.bin
```

4. Perform the upgrade

4.1. Upgrade Abiquo

Upload the upgrade package to the /root directory of the Abiquo server (also to the remote services and V2V host if you have a distributed install). Log in as root and run the following commands:

```
[root@localhost ~]# chmod +x abiquo-upgrade-2.0-HF7.bin  
[root@localhost ~]# ./abiquo-upgrade-2.0-HF7.bin
```

4.2. Upgrade the database schema

Log in to the Abiquo Server (or other server where the Abiquo MySQL database is running) and type the following command:

```
mysql kinton <  
/usr/share/doc/abiquo-server/database/kinton-delta-2_0_0-HF6-to-2_0_0-HF7.sql
```

4.3. Start the abiquo-tomcat service

The upgrade bundle automatically stops the abiquo-tomcat service before upgrading. Start it to re-enable the service.

```
service abiquo-tomcat start
```

5. Verify the upgrade

Run the following command to verify the upgrade.

```
[root@localhost ~]# cat /etc/abiquo-release  
Version: 2.0-HF7  
Edition: Enterprise
```

6. Clear the browser cache

 Important: Do NOT forget this step

Before logging in to Abiquo after an upgrade, all users must clear the browser cache on their machines.

7. RPM packages upgraded in this release

```
abiquo-am-2.0-2.e15.20120921_1156.noarch.rpm  
abiquo-api-2.0-3.e15.20120921_1155.noarch.rpm  
abiquo-client-premium-2.0-3.e15.20120921_1155.noarch.rpm  
abiquo-nodcollector-2.0-2.e15.20120921_1155.noarch.rpm  
abiquo-release-ee-2.0-12.e15.noarch.rpm  
abiquo-server-2.0-10.e15.20120921_1154.noarch.rpm  
abiquo-ssm-2.0-3.e15.20120921_1153.noarch.rpm  
abiquo-v2v-2.0-5.e15.20120921_1152.noarch.rpm  
abiquo-virtualfactory-2.0-2.e15.20120921_1153.noarch.rpm  
abiquo-vsm-2.0-1.e15.20120921_1157.noarch.rpm
```

8. Release Notes for Abiquo 2.0-HF7

8.1. Resolved Bugs

ID	Summary
3864	The circular virtual machines chart in Datacenter view was not shown if running VMs = total VMs.
4378	When HA is executed, if there are no suitable physical machines to move VMs to, the physical machine remains in state HA_IN_PROGRESS and cannot be re-enabled.
4391	Incorrect check when editing an enterprise Hard Disk hard limit. This fix ensures that the platform checks the Hard Disk used in the enterprise, not the total Hard Disk in use.
4416	Events list and other views are retrieving all records during pagination. This fix improves performance of the API and the GUI. For example, in Home view (Events) and Events view, the list will render faster because the platform will only retrieve the requested page
4422	Instances of persistent VMs always get LUN-0 as the source disk. This fix ensures that the correct disk is always copied when creating an instance of a persistent VM
4439	When a rack is HA enabled, the Nodecollector process, to check the hypervisors, is running twice. This fix improves performance and stability.