



## Upgrading from Abiquo 2.0-HF5 to 2.0-HF6

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### Description

2.0-HF6 packages upgrade the Abiquo platform servers of the Abiquo Monolithic and Abiquo Distributed installs. It is possible to upgrade Cloud in a Box but this upgrade is not supported by Abiquo.

Abiquo **recommends** that you should upgrade Abiquo AIM to version 1.5.1 on the Abiquo Cloud Nodes (KVM, Xen, VirtualBox) with this hot fix. This version of AIM is compatible with Abiquo 2.0-HF6 and Abiquo 2.2.

Follow this documentation to upgrade every Abiquo server (Remote Services, V2V, AEE Server).

It is not necessary to upgrade LVM storage servers with this release.

### Prerequisites

This hot fix is for version 2.0-HF5. 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 and 2.0-HF5.

### Preparation

#### 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, cron jobs, script, etc. After upgrading your system, upgrade and reapply branding, and check and reapply any other customizations as necessary.

#### Download the Abiquo upgrade package

<http://download.abiquo.com/enterprise/updates/2.0/abiquo-upgrade-2.0-HF6.bin>

user: enterprise  
password: tCs3125

Package MD5:  
b5c6b4bfc091e483aefdaac11c5eb448 abiquo-upgrade-2.0-HF6.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-HF6.bin
```

## Recommended Upgrade of Abiquo Cloud Nodes to AIM 1.5.1

This version of AIM is compatible with Abiquo 2.0-HF6 and 2.2.

Use the yum upgrade process to upgrade Cloud Nodes running KVM, Xen or VirtualBox

1. Stop the AIM service
2. Run yum update
3. Start the AIM service
4. Verify the upgrade

```
service abiquo-aim stop  
yum update -y abiquo-aim  
service abiquo-aim start  
abiquo-aim -v
```

- On the upgraded KVM, Xen and VirtualBox cloud nodes, check that Abiquo AIM is running before starting the server upgrade process.

## Perform the upgrade

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

```
[root@localhost ~]# chmod +x abiquo-upgrade-2.0-HF6.bin  
[root@localhost ~]# ./abiquo-upgrade-2.0-HF6.bin
```

## Start the abiquo-tomcat service

The upgrade bundle automatically stops the abiquo-tomcat service before upgrading. Restart it after you run the upgrade.

```
service abiquo-tomcat start
```

## Verify the upgrade

```
[root@localhost ~]# cat /etc/abiquo-release  
Version: 2.0-HF6  
Edition: Enterprise
```

## 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.

## RPM packages upgraded in this release

```
abiquo-am-2.0-2.el5.20120830_1850.noarch.rpm  
abiquo-api-2.0-3.el5.20120830_1849.noarch.rpm  
abiquo-client-premium-2.0-3.el5.20120830_1849.noarch.rpm  
abiquo-nodcollector-2.0-2.el5.20120830_1848.noarch.rpm  
abiquo-release-ee-2.0-11.el5.noarch.rpm  
abiquo-server-2.0-9.el5.20120830_1848.noarch.rpm  
abiquo-ssm-2.0-3.el5.20120830_1848.noarch.rpm  
abiquo-v2v-2.0-5.el5.20120830_1914.noarch.rpm  
abiquo-virtualfactory-2.0-2.el5.20120830_1847.noarch.rpm  
abiquo-vsm-2.0-1.el5.20120830_1851.noarch.rpm
```

## Release Notes for Abiquo 2.0-HF6

### Resolved Bugs

Key	Summary
ABICLOUDPREMIUM-3301	With an unhandled error on deploy, undeploy, etc., a hibernate error appears and VM is locked
ABICLOUDPREMIUM-4219	When reconfiguring a VM, sometimes the temporary VM is not found in the DB
ABICLOUDPREMIUM-4267	During deploy, if the commit is rolled back, the virtual factory still performs the action
ABICLOUDPREMIUM-4268	If a reconfigure tmp is in DB, the virtual infrastructure check fails
ABICLOUDPREMIUM-4273	When using HA, allocation is not well calculated
ABICLOUDPREMIUM-4284	Add allocation result again in events
ABICLOUDPREMIUM-4294	Infrastructure check locks before connect to NodeCollector
ABICLOUDPREMIUM-4298	Avoid allocator lock timeout from handlers
ABICLOUDPREMIUM-4340	Protect vm.idEnterprise on virtualmachine creation
ABICLOUDPREMIUM-4341	Use a fixed version of the Heartbeat client

### Improvements

Key	Summary
ABICLOUDPREMIUM-4276	[AIM] use aim.ini to define the list of valid datastore types
ABICLOUDPREMIUM-4373	Add the capacity to block that 2 users use the same user account at the same time in different locations