



PSAM 3.2 Software Updates

 **NEW FEATURE**

Since this version you can update the software of the server using the Web Console UI.

 **Prerequisites**

Your User must have the ROLE_RIGHT_BACKUP to perform the software updates. Users with the "ROLE_ADMIN" have access to the feature.

In order to perform a software update you first need to check the actual status.



Click over the version number on the top-left side of the window (the one shown in [figure 1. PrivateServer version number](#)). This will trigger the internal update/upgrade system that will smoothly and totally automatically check for possible updates.

Package versions

asterisk	1.8.15.1-3210.fc14
asterisk-dahdi	1.8.15.1-3210.fc14
asterisk-mysql	1.8.15.1-3210.fc14
asterisk-sounds-core-en-gsm	1.4.20-1.fc14
libsrt	1.4.4-2.20101004cvs.3067.fc14
nagios-plugins-privateserver-all	1.1-3210.fc14
privateserver	2.1-3213.fc14
privateserver-common	2.2-3210.fc14
privateserver-console	2.1-3210.fc14
privateserver-monitoring	1.1-3210.fc14
privateserver-release	2-0
privateserver-servertest	1.5.5-3597.fc14

Available updates

Package name	New version	Repository	Size
privateserver	2.1-3215.fc14	privateserver	2.1k
privateserver-console	2.1-3214.fc14	privateserver	39M


 **Update the system**

figure 2. Software status(to be updated)

You get the "Appliance version" page showing both the package version and the available updates.

The system is up-to-date

See last update output

figure 3. Software status(up to date)

If the system is up to date, that it's shown as well instead of the update section.

In case you have updates to be installed just press on the "Update the system" button (the one shown in [figure 2. Software status\(to be updated\)](#)) and let it start the process.

Update in progress 🌀

```
Loaded plugins: langpacks, presto
Adding en_US to language list
Setting up Update Process
Resolving Dependencies
--> Running transaction check
--> Package privateserver.noarch 0:2.1-3215.fc14 set to be updated
--> Processing Dependency: privateserver-console = 2.1-3214.fc14 for package: privateserver-2.1-3215.fc14.noarch
--> Running transaction check
--> Package privateserver-console.noarch 0:2.1-3214.fc14 set to be updated
```

figure 4. update in progress

The update process starts checking the action to perform.

Update in progress 🌀

```
Loaded plugins: langpacks, presto
Adding en_US to language list
Setting up Update Process
Resolving Dependencies
--> Running transaction check
--> Package privateserver.noarch 0:2.1-3215.fc14 set to be updated
--> Processing Dependency: privateserver-console = 2.1-3214.fc14 for package: privateserver-2.1-3215.fc14.noarch
--> Running transaction check
--> Package privateserver-console.noarch 0:2.1-3214.fc14 set to be updated
--> Finished Dependency Resolution

Dependencies Resolved

=====
Package                Arch      Version      Repository      Size
=====
Updating:
privateserver           noarch    2.1-3215.fc14  privateserver    2.1 k
Updating for dependencies:
privateserver-console    noarch    2.1-3214.fc14  privateserver    39 M
=====

Transaction Summary
=====
Upgrade                2 Package(s)

Total download size: 39 M
Downloading Packages:
Setting up and reading Presto delta metadata
Processing delta metadata
Package(s) data still to download: 39 M
-----
Total                               6.3 MB/s | 39 MB      00:06
Running rpm_check_debug
Running Transaction Test
Transaction Test Succeeded
```

figure 5. Update in progress, phase 2

Then it applies to the job (see above).



Please note that the update process is a quite heavy task and it can take some minutes to be completed.

```

Upgrade      2 Package(s)

Total download size: 39 M
Downloading Packages:
Setting up and reading Presto delta metadata
Processing delta metadata
Package(s) data still to download: 39 M
-----
Total                                     6.3 MB/s | 39 MB      00:06
Running rpm_check_debug
Running Transaction Test
Transaction Test Succeeded
Running Transaction
  Updating      : privateserver-console-2.1-3214.fc14.noarch      1/4
Stopping tomcat6: [ OK ]
Upgrading privateserver-console. Skip DB creation
Enabling networking on loopback in MySQL Server...
Found INNODB as the default storage engine
Enabling Echo service
mysqld (pid 15746) is running...
Stopping mysqld: [ OK ]
Starting mysqld: [ OK ]
Stopping tomcat6: [ OK ]
Starting tomcat6: [ OK ]
xinetd (pid 15911) is running...
Stopping xinetd: [ OK ]
Starting xinetd: [ OK ]
Setting Firewall Rules...
iptables rule to redirect the 443 port FOUND
iptables rule anti Slowloris FOUND
iptables rule REJECT policy NOT FOUND on INPUT chain.
iptables rule to redirect the ECHO port FOUND
iptables rule to block Tomcat JK connector port FOUND
iptables rule to block ICMP timestamp requests FOUND
Done with Firewall Rules: saving them
iptables: Saving firewall rules to /etc/sysconfig/iptables: [ OK ]
  Updating      : privateserver-2.1-3215.fc14.noarch              2/4
  Cleanup       : privateserver-2.1-3213.fc14.noarch              3/4
  Cleanup       : privateserver-console-2.1-3210.fc14.noarch      4/4

Updated:
  privateserver.noarch 0:2.1-3215.fc14

Dependency Updated:
  privateserver-console.noarch 0:2.1-3214.fc14

Complete!

```

figure 6. Update completed

Once you're done, it tells you, as shown in [figure 6. Update completed](#).

```

Updated:
  privateserver.noarch 0:2.1-3248.fc14

Dependency Updated:
  asterisk.x86_64 0:1.8.15.1-3210.fc14
  asterisk-dahdi.x86_64 0:1.8.15.1-3210.fc14
  asterisk-mysql.x86_64 0:1.8.15.1-3210.fc14
  nagios-plugins-privateserver-all.noarch 0:1.1-3210.fc14
  privateserver-common.x86_64 0:2.2-3247.fc14
  privateserver-monitoring.noarch 0:1.1-3210.fc14
  privateserver-release.noarch 0:2-0
  privateserver-servertest.x86_64 0:1.5.5-3597.fc14

Failed:
  privateserver-console.noarch 0:2.1-3244.fc14

Complete!

```

Errors

```
Error in PREIN scriptlet in rpm package privateserver-console-2.1-3244.fc14.noarch
```

figure 7. An error arises during the update process

In case any problem raised, the UI would warn you with a red box explanation as in [figure 7. An error arises during the update process](#)

In case you need to check the last update screen, like the one in [figure 6. Update completed](#), you can just click on the link "see last update output" (the one shown in [figure 3. Software status\(up to date\)](#)).



Watching the last update screen can be particularly useful if the update involved the web server. In that case it might be possible you missed part of the update process.

After you're done, just logout or perform whatever else you might need to.



For the Software Updates Configuration, please refer to [PSAM 2.8 Software repositories](#)

[PSAM 3.1 Backups and Restores](#)

[PSAM 3.3 Check Server Services](#)