

Install CentOS 5.5 on XenServer

The standard XenServer 5.6 does not have a template for the latest CentOS 5.5 distribution. But this is not a big problem: simply install CentOS 5.3 first, then upgrade to the latest CentOS 5.5 release.

1. Install CentOS 5.3 using the CentOS-5.3-i386-bin-DVD.iso image
2. Run `yum update`. This will start the (lengthy) update process to CentOS 5.5. After installation, the version can be verified using `rpm -qa | grep centos-release`.
3. Install the XenServer tools.
4. At this point CentOS 5.5 is properly installed. The following notes are some additional configuration changes and serve as a documentation to one of my personal systems.
5. Install the RPMForge Repo (see also <http://wiki.centos.org/AdditionalResources/Repositories/RPMForge>.)

```
#wget http://packages.sw.be/rpmforge-release/rpmforge-release-0.5.1-1.el5.rf.i386.rpm
wget http://packages.sw.be/rpmforge-release/rpmforge-release-0.5.1-1.el5.rf.x86_64.rpm
rpm --import http://apt.sw.be/RPM-GPG-KEY.dag.txt
rpm -K rpmforge-release-0.5.1-1.el5.rf.*.rpm
rpm -i rpmforge-release-0.5.1-1.el5.rf.*.rpm
yum check-update
```

6. Install the ATrpms Repo. Create a new file `/etc/yum.repos.d/ATrpms.repo` with the following content:

```
[atrpms-stable]
name=Centos $releasever - $basearch - ATrpms
baseurl=http://dl.atrpms.net/el$releasever-$basearch/atrpms/stable
gpgkey=http://ATrpms.net/RPM-GPG-KEY.atrpms
gpgcheck=1
enabled=1
includepkgs=libspf2* libsr*

[atrpms-testing]
name=Centos $releasever - $basearch - ATrpms
baseurl=http://dl.atrpms.net/el$releasever-$basearch/atrpms/testing
gpgkey=http://ATrpms.net/RPM-GPG-KEY.atrpms
gpgcheck=1
enabled=1
includepkgs=exim*
```

Then run `yum update`. This will allow us to install `exim-4.72` (which has DKIM) instead of the standard `exim-4.63`.
#install the Apache httpd, PHP and Pear-DB

```
yum install apache php php-pear-DB
```

7. Now install `exim`:

```
yum install exim
```

```
....
```

```
=====
Package Arch
Version Repository Size
=====
Installing:
exim x86_64 4.72-41.
e15 atrpms-testing 1.3 M
Installing for dependencies:
libspf2_2 x86_64 1.2.5-5.0.
e15 atrpms-stable 49 k
librsr_alt1 x86_64 1.0-3_rc1.0.
e15 atrpms-stable 12 k
mysql x86_64 5.0.77-4.el5_5.
3 updates 4.8 M
postgresql-libs x86_64 8.1.21-1.el5_5.
1 updates 196 k
=====
```

```
Transaction Summary
```

```
=====
Install 5 Package(s)
Upgrade 0 Package(s)
```

```
Total download size: 6.3 M
```

```
Is this ok [y/N]: y
```

```
Downloading Packages:
```

```
(1/5): librsr_alt1-1.0-3_rc1.0.el5.x86_64.
```

```
rpm
```

```
kB 00:00
```

```
| 12
```

```
(2/5): libspf2_2-1.2.5-5.0.el5.x86_64.
```

```
rpm
```

```
kB 00:00
```

```
| 49
```

```
(3/5): postgresql-libs-8.1.21-1.el5_5.1.x86_64.
```

```
rpm
```

```
00:00
```

```
| 196 kB
```

```
(4/5): exim-4.72-41.el5.x86_64.
```

```
rpm
```

```
| 1.3 MB 00:00
```

```
(5/5): mysql-5.0.77-4.el5_5.3.x86_64.
```

```
rpm
```

```
4.8 MB 00:00
```

```
|
```