

Environment Settings and Updates for Tegsoft

This document is subject to On-Prem Tegsoft installations both for CentOS 5 and CentOS 7 versions that are installed before Tegsoft CentOS 7 DVD 7.1.16.185.

To follow steps properly operating system version must be defined.

Define operating system version

```
uname -a
```

Output:

Centos 5 ;

```
Linux production.tegsoft.local 2.6.18-419.el5 #1 SMP Fri Feb 24 22:47:42 UTC 2017 x86_64 x86_64 x86_64  
GNU/Linux
```

Centos 7 ;

```
Linux fuzulevcc 3.10.0-514.26.2.el7.x86_64 #1 SMP Tue Jul 4 15:04:05 UTC 2017 x86_64 x86_64 x86_64  
GNU/Linux
```

Java Update

Java Update for CentOS 5

```
rpm -Uvh "http://setup.tegsoftcloud.com/resources/LibXcomposite-0.3-5.1.x86_64.rpm"
```

```
rpm -Uvh  
"http://setup.tegsoftcloud.com/resources/xorg-x11-fonts-Type1-7.1-2.1.el5.noarch.rpm"
```

```
rpm -Uvh  
"http://setup.tegsoftcloud.com/resources/java-1.7.0-openjdk-1.7.0.131-2.6.9.0.el5_11.x86_64.  
rpm"
```

```
java -version
```

Output:

```
java version "1.7.0_131"  
OpenJDK Runtime Environment (rhel-2.6.9.0.el5_11-x86_64 u131-b00)  
OpenJDK 64-Bit Server VM (build 24.131-b00, mixed mode)
```

Java Update for CentOS 7

```
yum install java-1.7.0-openjdk java-1.7.0-openjdk-devel
```

If an error occurs,

You should change the repo configuration file as follows. The contents of the file are changed as follows.

```
vi /etc/yum.repos.d/CentOS-Base.repo
```

```

# CentOS-Base.repo
#
# The mirror system uses the connecting IP address of the client and the
# update status of each mirror to pick mirrors that are updated to and
# geographically close to the client. You should use this for CentOS updates
# unless you are manually picking other mirrors.
#
# If the mirrorlist= does not work for you, as a fall back you can try the
# remarked out baseurl= line instead.
#

[base]
name=CentOS-$releasever - Base
baseurl=https://rep7.tegsoftcloud.com/repos/base/
gpgcheck=1
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-CentOS-7

#released updates
[updates]
name=CentOS-$releasever - Updates
baseurl=https://rep7.tegsoftcloud.com/repos/updates/
gpgcheck=1
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-CentOS-7

#additional packages that may be useful
[extras]
name=CentOS-$releasever - Extras
baseurl=https://rep7.tegsoftcloud.com/repos/extras/
gpgcheck=1
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-CentOS-7

#additional packages that extend functionality of existing packages
[centosplus]
name=CentOS-$releasever - Plus
baseurl=https://rep7.tegsoftcloud.com/repos/centosplus/
gpgcheck=1
enabled=0
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-CentOS-7

```

For save and exit;

```
:wq
```

And then the following command is executed again;

```
yum install java-1.7.0-openjdk java-1.7.0-openjdk-devel
```

```
java -version
```

Output:

java version "1.7.0_131"

OpenJDK Runtime Environment (rhel-2.6.9.0.el5_11-x86_64 u131-b00)

OpenJDK 64-Bit Server VM (build 24.131-b00, mixed mode)

Timezone Update

Timezone Update for CentOS 5

You can follow the instructions below;

<https://www.tegsoft.com/tr/kb/saat-dilimi-guncellemesi/>

Timezone Update for CentOS 7

Timezone is already up-to-date for CentOS version 7 nothing is required.

Common errors

1. jboss jar problem

```
cd /opt/jboss
rm -rf jboss-modules.jar
wget setup.tegsoftcloud.com/resources/jboss-modules.jar
```

2. Tegsoft httpd problem

If your system is Centos 7, you may have problem starting the httpd service due to the latest security update.

Is httpd service up ;

```
service httpd restart
```

Error output;

Redirecting to /bin/systemctl restart httpd.service

Job for httpd.service failed because the control process exited with error code. See "systemctl status httpd.service" and "journalctl -xe" for details.

If you have a error please run the command below;

```
yum install mod_ssl
```

```
service httpd restart
```

Output;

Redirecting to /bin/systemctl restart httpd.service

3. Java version problem

If installed is been successfully but java version is still 1.6 please follow steps below.

```
alternatives --config java
```

When you run this command, it will prompt you to select one of the java options as follows. You should enter the number of the Java 1.7 option. We choose 2 below.

Output;

There are 2 programs which provide 'java'.

Selection Command

1 /usr/lib/jvm/jre-1.6.0-openjdk.x86_64/bin/java
*+ 2 /usr/lib/jvm/jre-1.7.0-openjdk.x86_64/bin/java

Enter to keep the current selection[+], or type selection number: 2

```
java -version
```

Output:

```
java version "1.7.0_131"  
OpenJDK Runtime Environment (rhel-2.6.9.0.el5_11-x86_64 u131-b00)  
OpenJDK 64-Bit Server VM (build 24.131-b00, mixed mode)
```

