



Application Guide

Wedora Cloud - Installation Steps



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Revision History

Updates between document versions are cumulative. Therefore, the latest document version contains all updates made to previous versions.

Doc Version	Product	Release Data	Details
V1.0	Wedora Cloud V1.5	2018.01.30	First Release

1 Overview

Wedora Cloud is the M2M Cloud Management Platform for Hongdian M2M products including routers, DTU, and etc.

This article introduces how to install the Wedora Platform in your CentOS 6.

You should get the wedora iso package for auto installation, such as: wedora_V1.5.0_20171228.iso

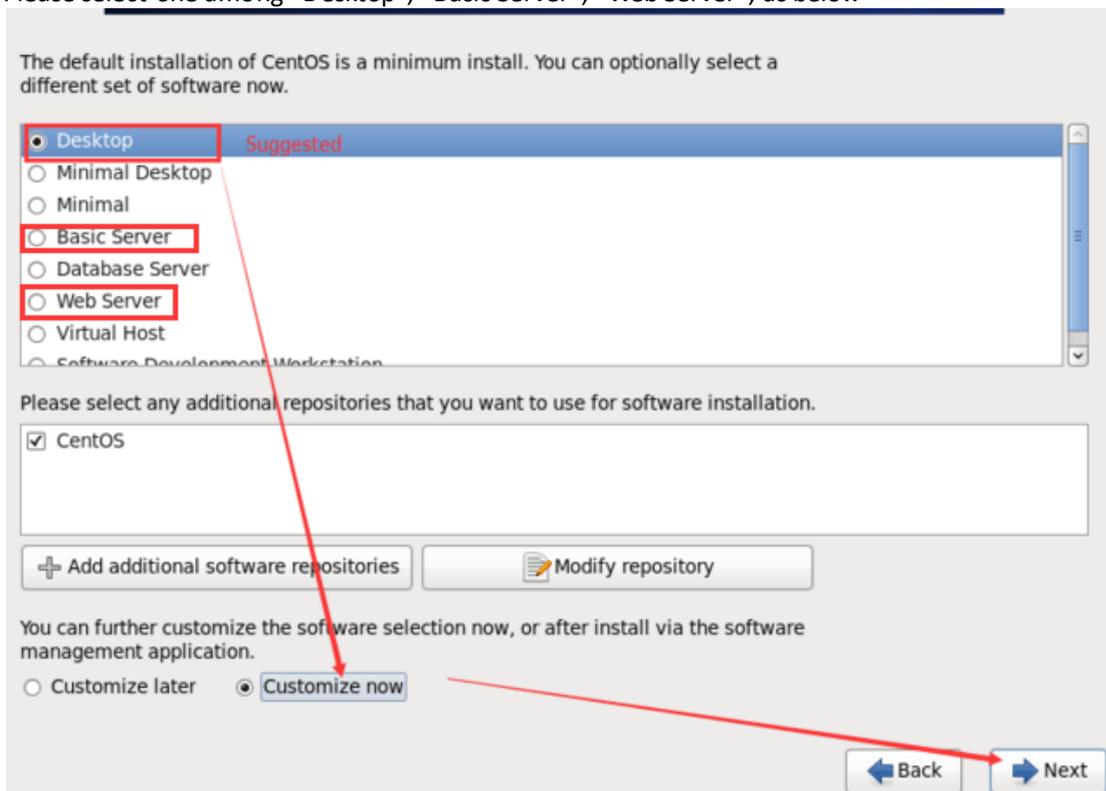
2 Preparation

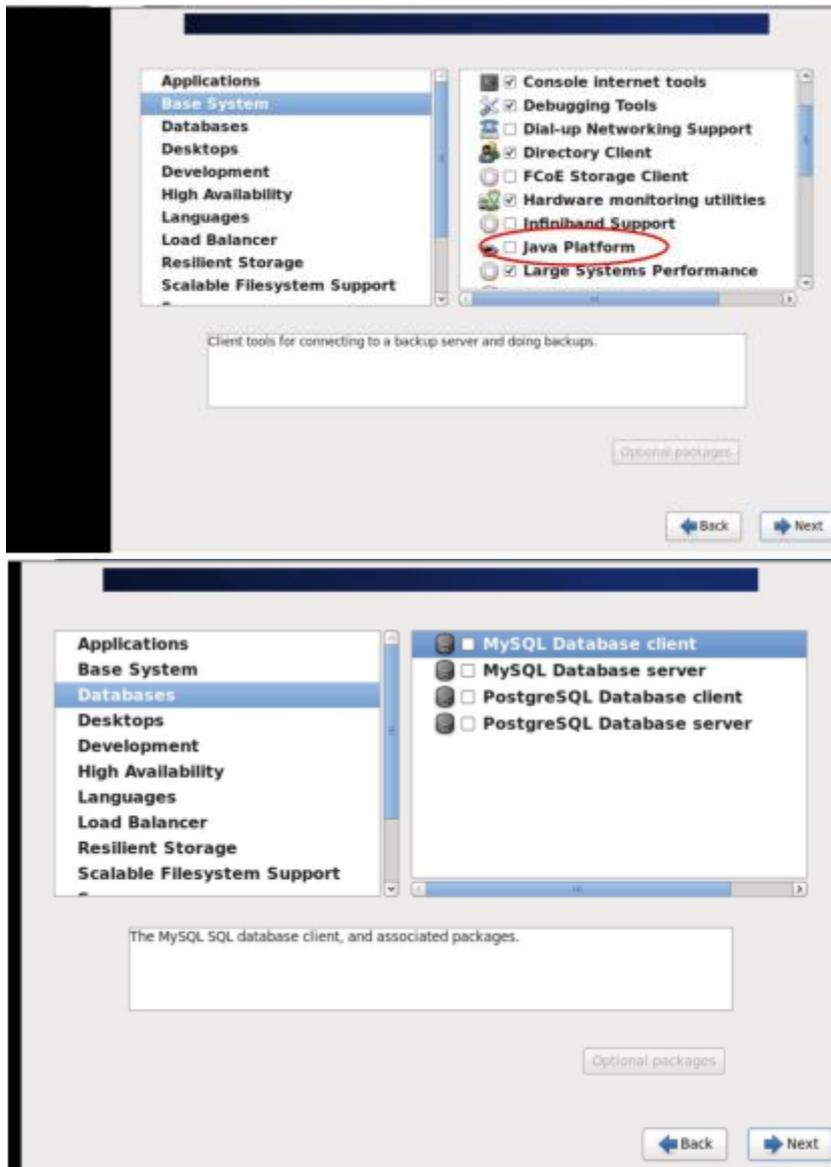
Before the installation, you need to check the following:

1. Install the CentOS-6.5 64 bit in your server machine, (We suggest use CentOS-6.5-x86_64bin-DVD1.iso, and the suggested RAM is 4G or higher).
2. The CentOS system shall be without Java and Mysql database etc, which will be installed by the package.

If you install the CentOS-6.5-x86_64bin-DVD1.iso, please configure the system as below.

Please select one among "Desktop", "Basic Server", "Web Server", as below





3 Package Installation Steps

1. Upload the IOS file to the CentOS server. The path is /home/.
After uploading, input "ls" to view the list.

```
cd /home
ls
```

It should print:

```
wedora_V1.5.0_20171228.iso
```

2. Create directory (create a directory for hanging contacts)

```
mkdir -p /home/cdrom
```

3. Mount the ISO file.

```
ls
mount -o loop wedora_V1.5.0_20171228.iso /home/cdrom/
```

4. Enter the /home/cdrom/, to run the shell script file.

```
cd /home/cdrom
ls
./setup_en.sh
```

According to the prompts to select the language and installation.

#Choose 1, represents: Chinese version.

#Choose 2, represents: English version

When it print the tips:

Please enter installation directory... please press enter:

Just press "Enter" ,wait for a moment, it will start the installation.

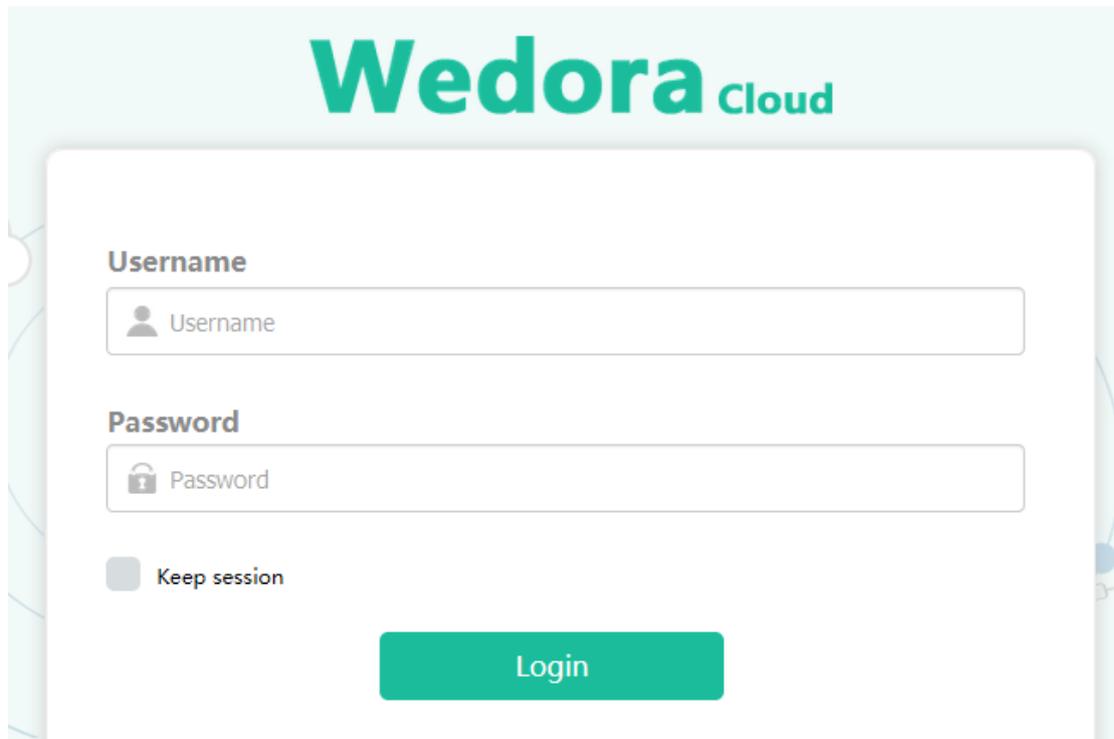
5. Wait the script executing -->Finish.

Make sure your CentOS can access the Internet.

```
++ '[' -f /etc/profile.d/lang.sh ']'
++ '[' has '1' ']'
++ . /etc/profile.d/lang.sh
++ for i in $(cat /etc/profile.d/*.sh)
++ '[' -f /etc/profile.d/less.sh ']'
++ '[' has '1' ']'
++ . /etc/profile.d/less.sh
++ for i in $(cat /etc/profile.d/*.sh)
++ '[' -f /etc/profile.d/which2.sh ']'
++ '[' has '1' ']'
++ . /etc/profile.d/which2.sh
++ unset i
++ unset -f pathnames
++ JAVA_HOME=/usr/local/java/jdk1.7.0_71
++ CLASSPATH=.:usr/local/java/jdk1.7.0_71/lib/*:usr/local/java/jdk1.7.0_71/jre/lib/*:*
++ PATH=/usr/local/sbin:/usr/local/bin:/sbin:/bin:/usr/sbin:/usr/bin:/root/bin:/usr/local/java/jdk1.7.0_71/bin
++ export JAVA_HOME CLASSPATH PATH
++ export LC_ALL=C
++ LC_ALL=C
++ export MONGO_HOME=/usr/local/mongodb
++ MONGO_HOME=/usr/local/mongodb
++ export PATH=/usr/local/mongodb/bin:/usr/local/sbin:/usr/local/bin:/sbin:/bin:/usr/sbin:/usr/bin:/root/bin:/usr/local/java/jdk1.7.0_71/bin
++ PATH=/usr/local/mongodb/bin:/usr/local/sbin:/usr/local/bin:/sbin:/bin:/usr/sbin:/usr/bin:/root/bin:/usr/local/java/jdk1.7.0_71/bin
++ sed -i print $2
++ sed -i $2
++ awk -F : '{ print $2 }'
++ ifconfig
+ LOCAL_IP=127.0.0.1
+ sed -i s/127.0.0.1:5002/172.16.22.185:5002/g /usr/local/wedora/wmmp/appx.xml
+ chmod +x /usr/local/wedora/wedora_restart/lib_server_restart.sh /usr/local/wedora/wedora_restart/mongo_restart.sh /usr/local/wedora/wedora_restart/mqg_bus_restart.sh /usr/local/wedora/wedora_restart/mqg_restart.sh /usr/local/wedora/wedora_restart/platform_restart.sh /usr/local/wedora/wedora_restart/wedora_restart.sh /usr/local/wedora/wedora_restart/wm_sp_restart.sh
+ chmod +x /usr/local/wedora/wedora_restart/mqgbus_start.sh
+ chmod +x /usr/local/wedora/wmmp/wmmp_start.sh /usr/local/wedora/wmmp/wmmp_stop.sh
+ chmod +x /usr/local/wedora/libserver/shutdown.sh /usr/local/wedora/libserver/startup.sh
+ chmod +x /usr/local/wedora/tomcat7/bin/catalina.sh /usr/local/wedora/tomcat7/bin/configtest.sh /usr/local/wedora/tomcat7/bin/digest.sh /usr/local/wedora/tomcat7/bin/version.sh /usr/local/wedora/tomcat7/bin/wrapper.sh /usr/local/wedora/tomcat7/bin/shutdown.sh /usr/local/wedora/tomcat7/bin/startup.sh /usr/local/wedora/tomcat7/bin/tool-wrapper.sh /usr/local/wedora/tomcat7/bin/verlist.sh
+ echo 'install log. ----->Wedora services have been successed installed. starting...'
install log. ----->Wedora services have been successed installed. starting...
+ /usr/local/wedora/wedora_restart/wedora_restart.sh
+ echo 'install log. ----->Wedora services is running.'
install log. ----->Wedora services is running.
[root@15centos6 cdrom]# nohup appending output to 'nohup.out'
nohup: appending output to 'nohup.out'
[root@15centos6 cdrom]#
```

6. After finished, open the browser with URL: [http://\("Server IP"\):51682/wedora/](http://()
(Local PC is : 127.0.0.1:51682/wedora/)

Use "admin" to login, default password is "123456".



The image shows the Wedora Cloud login interface. At the top, the text "Wedora Cloud" is displayed in a large, teal font. Below this, there is a white login form with a rounded border. The form contains three main sections: a "Username" section with a text input field containing the placeholder "Username" and a user icon; a "Password" section with a text input field containing the placeholder "Password" and a lock icon; and a "Keep session" checkbox. At the bottom of the form is a teal "Login" button.

7. If you create a sub user by on the platform, the default password can be changed in the conf file.

```
cd /usr/local/wedora/tripartite/  
vi ./tomcat/webapps/wedora/WEB-INF/iclouboss.properties
```

Find the value and you can also change it as below.

```
user.init.pwd=HongdianCloud
```

8. If you changed the config file, you may need to restart the Wedora platform.

```
cd /usr/local/wedora/bin  
ls  
./shutdown_wedora.sh
```

Wait for serval minutes for shutting down, and then start it up.

```
./startup_wedora.sh
```



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