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NETWORKS

SDN BHD

vSwitchPro – Installation Manual

A Soft Switch Product by DTMF Networks SDN BHD

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vSwitchPro Installation Guide

DOWNLOAD / Copy from the CD or DVD (if you have)

Download vSwitchPro package from: <http://www.vswitch.cc/>. Also, download vSwitchPro install script and invoice script from above mentioned URL.

OR copy the installation package (vswitch.tar.gz) and vswitch_install.sh on your hard disk folder from the CD or DVD (if you have).

```
[root@centos- ~]# ls
anaconda-ks.cfg  install.log  install.log.syslog  invoice.sh  vswitch-install.sh  vswitch.tar.gz
```

SYSTEM REQUIREMENTS

- Operating System: Red Hat AS 5.2 / CentOS5.2 / Fedora / Ubuntu (64 bit)
- 8 GB RAM Minimum (*Recommended 16GB*)
- At least, 250 GB of Disk Space
- A XEON Quad-Core machine is recommended

INSTALLATION

Execute,

- `chmod +x vswitch-install.sh`
- `chmod +x invoice.sh`
- `vswitch-install.sh (./vswitch-install.sh)`.

Once the installation begins you need to accept the license agreement,

```
Welcome to vSWITCH Pro Installation...
During this installation, Setup will ask Information..
If you are unsure of any query, Please contact our friendly support...
to guide you to Free Installation and support.
To install vSWITCH, you will need a blank database ready with a user assigned to it.

Do you want to Install vSWITCH Pro and Agree to Terms and Conditions? (y/n) y
Accept License? (y/n) y
```

Installation script will begin installing Java, MySQL, FreeSwitch and Web Interface which are bundled in this package. You do not need to download these packages separately.

```
Now installing vSWITCH. This will take a while...
During Installation, Installer will ask Questions.
Press Y for allowing installer to install...

Extracting data...

Copying files...

cp: omitting directory '/opt/freeswitch2/lib/pkgconfig'
cp: omitting directory '/opt/freeswitch2/lib/speex'
cp: omitting directory '/opt/freeswitch2/lib/pkgconfig'
cp: omitting directory '/opt/freeswitch2/lib/speex'
cp: omitting directory '/opt/freeswitch2/lib/pkgconfig'
cp: omitting directory '/opt/freeswitch2/lib/speex'

Installing Java...
Unpacking...
Checksumming...
Extracting...
UnZipSFX 5.50 of 17 February 2002, by Info-ZIP (Zip-Bugs@lists.wku.edu).
  inflating: jdk-6u27-linux-amd64.rpm
  inflating: sun-javadb-common-10.6.2-1.1.i386.rpm
  inflating: sun-javadb-core-10.6.2-1.1.i386.rpm
  inflating: sun-javadb-client-10.6.2-1.1.i386.rpm
  inflating: sun-javadb-demo-10.6.2-1.1.i386.rpm
  inflating: sun-javadb-docs-10.6.2-1.1.i386.rpm
  inflating: sun-javadb-javadoc-10.6.2-1.1.i386.rpm
Preparing...                               ##### [100%]
 1:jdk                                       ##### [100%]
Unpacking JAR files...
  rt.jar...
  jsse.jar...
  charsets.jar...
  tools.jar...
  localedata.jar...
  plugin.jar...
  javaws.jar...
  deploy.jar...
Installing JavaDB
Preparing...                               ##### [100%]
 1:sun-javadb-common                       ##### [ 17%]
 2:sun-javadb-core                         ##### [ 33%]
 3:sun-javadb-client                       ##### [ 50%]
 4:sun-javadb-demo                         ##### [ 67%]
```

During installation, confirm Java installation by pressing Enter key.

```
Java(TM) SE Development Kit 6 successfully installed.

Product Registration is FREE and includes many benefits:
* Notification of new versions, patches, and updates
* Special offers on Oracle products, services and training
* Access to early releases and documentation

Product and system data will be collected. If your configuration
supports a browser, the JDK Product Registration form will
be presented. If you do not register, none of this information
will be saved. You may also register your JDK later by
opening the register.html file (located in the JDK installation
directory) in a browser.

For more information on what data Registration collects and
how it is managed and used, see:
http://java.sun.com/javase/registration/JDKRegistrationPrivacy.html

Press Enter to continue.....
█
```

Once installation is successful, below screen will be displayed,

```
Starting MySQL [ OK ]
Flushing firewall rules: [ OK ]
Setting chains to policy ACCEPT: filter [ OK ]
Unloading iptables modules: [ OK ]
Using CATALINA_BASE: /opt/webserver
Using CATALINA_HOME: /opt/webserver
Using CATALINA_TMPDIR: /opt/webserver/temp
Using JRE_HOME: /usr
Using CLASSPATH: /opt/webserver/bin/bootstrap.jar

auto-adjusting stack size for optimal performance...
6599 Backgrounding.

Cleaning up files...
```

User is then required to run the invoice.sh script to enter the invoice information

```
[root@centos- ~]# ./invoice.sh █
```

Script will require you to enter banking details to setup your invoice template. This information will be displayed on invoices that would be sent to your customers.

(Please do not share your confidential information like credit card numbers or pin codes)

```
Shutting Down Web Server Catalina
Shut Down Successful
Please Fill in your Banking Details, Please make sure you Enter Correct Information. This Information
will be used in Invoicing

Enter Invoice Company Name:
DTMF Networks
Enter Company Address Line 1:
CyberJaya
Enter Company address Line 2:
Malaysia
Enter Bank Name:
New Bank
Enter bank Address:
Kuala Lumpur, Malaysia
Enter Beneficiary Name :
DTMF Networks
Enter Account Number:
1234567890
Enter Swift Code:
DTMF82161
```

```
Welcome to vSwitchPro License Settings
Shutting down Catalina
Cataline shutdown successful
Please Enter your License Key
ABCDE-ABCDE-ABCDE-ABCDE-ABCDE
```

Enter the License Key (found on back of CD cover or email for support@dtmfnetworks.com for free Evaluation License).

Once done, please open the link <http://your.server.ip:8080/vspro/wss/auth/login>

in Firefox Browser or Chrome

Default username and password is admin/admin

**Serverip refers to IP of the system where installation is taking place.*

Post Installation Support

In case of any queries during/post installation, please feel free to contact us at support@dtmfnetworks.com.