



Installation Guide for Dimdim Web Meeting

Introduction:

This document describes the Community installation of dimdim Web Meeting. In addition, known issues pertaining to this release, are included.

CAUTION: It is recommended that you make a copy of your production systems and use it to test dimdim Installer.

Please continue providing feedback on this release as we continue to develop dimdim Installer functionality for the upcoming releases. We will continue to work to incorporate your feedback into the development process. The dimdim Development Team is closely monitoring the following channels and is making every effort to fold your feedback into upcoming releases.

You can provide feedback through the dimdim Bug Portal, accessible through <http://support.dimdim.com>. Check the Bug Portal for known issues prior to submitting bugs.

Requirements for dimdim Community Installation:

To install dimdim community pack successfully, ensure that you have the

- a. Supported OS platform
- b. Required kernel version
- c. Required RAM
- d. Required disk space
- e. Root login required

New Features:

New features for dimdim community installation is listed below

1. Check for the pre-requisites and install the necessary components
 - a. Check glibc version and upgrade if the required version is not available
 - b. Check libaio and upgrade if the required version is not available
 - c. Check x11 and install / upgrade if not available
 - d. Install the required version of php in standard location under dimdim's custom database
 - e. Install own jre in dimdim location under dimdim's custom database
 - f. Install required version of open office in dimdim location under dimdim's custom database
 - g. Install required lighttpd in dimdim's location under dimdim's custom database



2. Install the dimdiv components
 - a. Dimdiv media server
 - i. Installs flup, cherryPy and swftools
 - ii. Check for Xvfb and install if not available
 - b. Dimdiv streaming server
 - c. Dimdiv conference server
3. Post installation steps for running the dimdiv components
 - a. Configuration of ip address, ports for dimdiv components, default email properties, jre being used
 - b. dimdiv components port distribution
 - i. dimdiv Conference server – 40000
 - ii. dimdiv Media server – 80
 - iii. dimdiv Streaming server
 1. rtmp - 1935
 2. rtmpt – 40001
 - c. Proxy is available. If firewall is enabled, open only the following ports:
 - i. 80 and 1935

Dimdiv components installation locations:

All dimdiv components are installed under /usr/local/dimdiv

1. Dimdiv Conference server - /usr/local/dimdiv/ConferenceServer
2. Dimdiv Media server - /usr/local/dimdiv/MediaServer
3. Dimdiv Streaming server - /usr/local/dimdiv/StreamingServer
4. Dimdiv Third-party installs - /usr/local/dimdiv/ThirdPartyInstalls
5. Dimdiv database - /usr/local/dimdiv/db
6. Dimdiv logs - /usr/local/dimdiv/logs
7. Dimdiv Management scripts - /usr/local/dimdiv/scripts

Compatibility Matrix:

	Default Check	Install / Upgrade
OS + version	Yes	No
Kernel version	Yes	No
glibc version	Yes	Only for online install – Upgrade
X11	Yes	Only for online install – Upgrade
Open Office	Yes	Yes – Install in custom db under dimdiv’s location
Java	Yes	Yes – Install in custom db under dimdiv’s location

	32 bit Offline	32 bit Online	64 bit Offline	64 bit Online
CentOS 4.5	Available	Available		



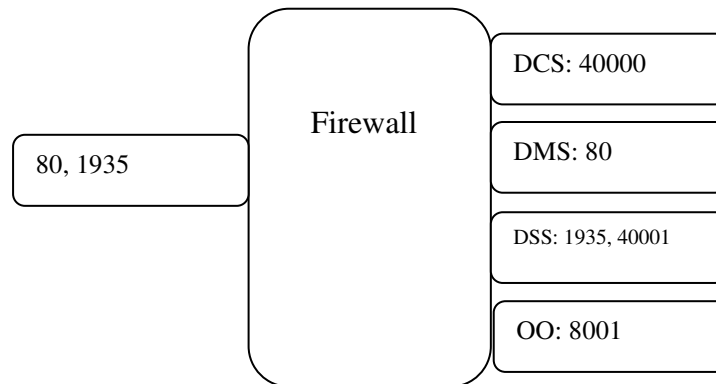
Packages installed during install of dimdim Components:

Packages	CentOS 4.5
glibc (libstdc++.so.6.0.3)*	yum install compat-libstdc++-296.i386 in default db and default location
libaio (libaio-0.3.105-2)	rpm install in default db and default location
X11*	yum groupinstall 'X Window System' yum groupinstall 'KDE (K Desktop Environment)' in default db and default location
jre 1.6_03	rpm install of jre-6u3-linux in custom db and custom location
Open Office 2.3	rpm install of OOo_2.3.0_LinuxIntel_install_en-US in custom db and custom location
php 5.2.4	rpm install of php with required system dependencies in custom db and default location
lighttpd 1.4.18	rpm install of lighttpd in custom db and custom location
Xvfb*	yum install xorg-x11-xvfb*
Flup	tar.gz format installed in default location
cherryPy	tar.gz format installed in default location
DMS	Zip format installed in dimdim's location
DCS	tar.gz format installed in dimdim's location
DSS	tar.gz format installed in dimdim's location

Note:

1. (*) indicates the packages installed only during online dimdim installation.
2. For Online dimdim installation, except for yum install, all the rpm's are downloaded from dimdim's repository.
3. For Offline dimdim installation, all the rpms are bundled with the installer except for glibc, X11 and Xvfb. These 3 packages with required version have to be manually installed/upgraded and then continue with the dimdim offline installation

Proxy configuration provided:



If firewall is enabled, allow ports 80, 1935 to access dimdim from outside world

To run dimdim installer:

1. Download the Dimdim_installer_centos4.5_32bit_offline.run or Dimdim_installer_centos4.5_32bit_offline.run pack from specified location
2. Provide executable permissions to the Dimdim_installer_centos4.5_32bit.run
3. Run “./Dimdim_installer_centos4.5_32bit.run”.
 - a. A temporary folder will be created as dimdiminstalltemp under /usr/local
 - b. Script will do preinstall, install and post install checks
 - c. Detailed log file named dimdim.log will be created under /usr/local/dimdiminstalltemp that will provide more information.
4. Once the dimdim installation is successful, you need to go to /usr/local/dimdim/scripts to start or stop dimdim.
 - a. To start the dimdim servers, goto /usr/local/dimdim/scripts and run perl dimdimstartall.pl
 - b. To stop the dimdim servers, goto /usr/local/dimdim/scripts and run perl dimdimstopall.pl

Known issues:

1. Installer support for 32 bit centos 4.5 only
2. Run the dimdim installer from putty session only, that is non GUI environment
3. Proxy for rtmpt is not available. So you need to open 40001 port in addition to 80 and 1935 ports.