

Confluence Detailed installation guide

Installation

DAM

1. Create application Account
 - a. Name: <customerprefix>-wiki
 - b. Home: /opt/confluence

Prepare shell

For convenience

```
CONFUSER=<customerprefix>-wiki
```

Partitioning

/opt

Confluence will be installed under **/opt**, the minimum recommended size is **5G** to have space for multiple versions during upgrades.

```
lvextend -rL5G /dev/vg0/Opt
```

/var/confluence

It is strongly recommended to place the Confluence data directory on its own partition. Ideally also on a different volume group than the OS, this example is for **vg1**.

```
lvcreate -n VarConfluence -L10G vg1
mkfs.xfs /dev/mapper/vg1-VarConfluence
echo "/dev/mapper/vg1-VarConfluence /var/confluence xfs defaults
0 0" >> /etc/fstab
mkdir /var/confluence
mount -a
```

Prerequisites

Java

Newer versions of Confluence support OpenJDK, and this is the recommended JVM to use (by SyM, not Atlassian).

```
yum install java-11-openjdk-headless
```

Fonts

Confluence requires some fonts installed on the server. The easiest way to get them is just to install fontconfig.

```
yum install fontconfig
```

Installation

Download

Download the release "**TAR.GZ**" package from Atlassian for the version you intend to run. Do **not** use the "**Linux 64 Bit**" installer.

Application

Unpack release tarball to **/opt/confluence**

```
mkdir /opt/confluence  
cd /opt/confluence  
tar -zxf atlassian-confluence-7.2.0.tar.gz
```

Symlink the "**current**" directory to the version you unpacked (this is to avoid making changes to init script etc. during upgrades, and for easier rollback).

```
ln -s atlassian-confluence-7.2.0 current
```

Correct permissions for the installation. It is recommended to have everything owned by root, except three directories which needs write permission.

```
chown -R root.root /opt/confluence/current/  
chown $CONFUSER /opt/confluence/current/conf/Standalone/localhost  
chown $CONFUSER /opt/confluence/current/temp  
chown $CONFUSER /opt/confluence/current/work
```

Create log directory under **/var/log** and replace the logs directory under **/opt** with a symlink to it.

```
mkdir /var/log/confluence  
chown $CONFUSER /var/log/confluence  
chmod 700 /var/log/confluence  
rm -rf /opt/confluence/current/logs  
ln -s /var/log/confluence /opt/confluence/current/logs
```

Create data directory on **/var/confluence** partition.

```
mkdir /var/confluence/data
chown $CONFUSER /var/confluence/data
chmod 700 /var/confluence/data
```

Create init script as **/etc/init.d/confluence**. Remember to update the **USER** variable.

```
#!/bin/sh -e
# Confluence startup script
#chkconfig: 2345 80 05
#description: Confluence

# Define some variables
# Name of app ( JIRA, Confluence, etc )
APP=confluence
# Name of the user to run as
USER=<customerprefix>-wiki
# Location of Confluence install directory
CATALINA_HOME=/opt/confluence/current
# Location of Java JDK
export JAVA_HOME=/etc/alternatives/jre_11_openjdk

case "$1" in
    # Start command
    start)
        echo "Starting $APP"
        /bin/su -m $USER -c "$CATALINA_HOME/bin/start-confluence.sh &>
/dev/null"
        ;;
    # Stop command
    stop)
        echo "Stopping $APP"
        /bin/su -m $USER -c "$CATALINA_HOME/bin/stop-confluence.sh &>
/dev/null"
        echo "$APP stopped successfully"
        ;;
    # Restart command
    restart)
        $0 stop
        sleep 5
        $0 start
        ;;
    *)
        echo "Usage: /etc/init.d/$APP {start|restart|stop}"
        exit 1
        ;;
esac

exit 0
```

Make init script executable and add it to start at boot.

```
chmod +x /etc/init.d/confluence  
chkconfig --add confluence
```

Configuration

TODO