

GumpZonesConfig

This page contains notes taken while installing a new FreeBSD jail in August 2010 - the new machine was named `gump2` and later renamed to `gump` (which was the name of the old machine as well). It has been amended after the OS has been upgraded in March 2012

`gump` runs in a FreeBSD 9.0 jail on `sigyn`.

The installation procedure is pretty similar to that of [VmGumpConfig](#) so only the differences are noted here.

OS level software installed via ports

This has been installed by the infrastructure team.

```
$ java -version
openjdk version "1.6.0_30"
OpenJDK Runtime Environment (build 1.6.0_30-b24)
OpenJDK 64-Bit Server VM (build 20.0-b12, mixed mode)
```

Other Dependencies

no differences to [VmGumpConfig](#)

Create the gump user

used `adduser` interactively to create a user `gump` in group `gump`.

Create the Gump directory structure

similar to [VmGumpConfig](#) but had to explicitly disable storing of svn password for root in `/root/.subversion/config` - and checked out Gump's trunk instead of the live branch, i.e.

```
~$ cd /srv/gump/public
/srv/gump/public$ sudo -u gump svn co https://svn.apache.org/repos/asf/gump/trunk/ gump
```

Create a testbed workspace

similar to [VmGumpConfig](#) but the file names are `/srv/gump/public/gump/metadata/gump.xml` and `/srv/gump/public/gump/cron/local-env-gump2.sh` the latter contains:

```
export GUMP_WORKSPACE=/srv/gump/public/gump/metadata/gump
export JAVA_HOME=/usr/local/openjdk6
export MAVEN_HOME=/opt/maven
export M2_HOME=/opt/maven2
export M3_HOME=/opt/maven3
export MVN_PROXY_HOME=/opt/repoproxy

export LANG=en_US.UTF-8
export PATH=$PATH:$MAVEN_HOME/bin:$M2_HOME/bin
```

Some of the builds really only work with GNU make, so the workspace needs an attribute `makeCommand="gmake"`.

Make the results world-visible

Configure `/usr/local/etc/apache22/Includes/gump.zones.apache.org.conf`

```

NameVirtualHost *
<VirtualHost *>

    ServerAdmin private@gump.apache.org
    ServerName gump2.zones.apache.org

    DocumentRoot /usr/local/www/apache22/gump

    <Directory />
        Options FollowSymLinks
        AllowOverride None
    </Directory>
    <Directory /usr/local/www/apache22/gump>
        Options Indexes FollowSymLinks MultiViews
        AllowOverride None
        Order allow,deny
        allow from all
    </Directory>

    ErrorLog /var/log/gump2.zones.apache.org.error.log

    # Possible values include: debug, info, notice, warn, error, crit,
    # alert, emerg.
    LogLevel warn

    CustomLog /var/log/gump2.zones.apache.org.access.log combined
    ServerSignature On

    Alias /gump/public/ /srv/gump/public/workspace/log/

    <Directory /srv/gump/>
        HeaderName /disclaimer.html
        Options Indexes MultiViews FollowSymLinks
        AllowOverride None
        Order allow,deny
        Allow from all
    </Directory>

    <Location /gump/public/workspace_defn.html>
        Order deny,allow
        Deny from all
    </Location>
</VirtualHost>

```

```

~$ sudo mkdir /usr/local/www/apache22/gump
~$ sudo chown gump:gump /usr/local/www/apache22/gump
~$ sudo apachectl graceful

```

make it a real Gump instance

switch to the gump profile and set up crontab for Gump like described in [VmGumpConfig](#)

crontab needs an extra line

```
PATH=/usr/bin:/bin:/usr/local/bin
```

because python (and most anything else) is in /usr/local

help CVS

can be done before starting the Gump run, see [VmGumpConfig](#)

help svn

Unlike the svn client on Ubuntu systems the one found on FreeBSD doesn't accept server certificates automatically. I'm sure there is a setting somewhere that can (and should) be tweaked, for now I've accepted all certificates manually so the updates will work on subsequent Gump runs.

help Maven 1.x

see [VmgumpConfig](#)

git

see [VmgumpConfig](#)

database

Applied recommendations from <http://dev.mysql.com/doc/refman/5.1/en/default-privileges.html>

Created the gump_public database and the gump user as in [VmgumpConfig](#).

Used the "create database from scratch" approach.

Added a database element to the profile.

Note this is obviously not enough to make Gump use the database, this topic is under investigation 8-)

Rename gump2 -> gump

Hostname has to be changed from outside the jail.

```
# mv /srv/gump/public/gump/cron/local-env-gump2.sh /srv/gump/public/gump/cron/local-env-gump.sh  
edit /usr/local/etc/apache22/Includes/gump.zones.apache.org.conf and change ServerName to gump.zones.apache.org  
$ sudo apachectl graceful
```