

Virtualization

About

Virtualized servers continue to grow in popularity because they save physical space and electrical power. However:



The FreeSWITCH™ team does not officially support most virtualized hosts because it is very difficult to determine if your instance is getting the resources to run properly.

If you administer your own corporate data center where you control resource allocation of virtual hosts, then be certain to allocate sufficient memory and CPU to your particular FreeSWITCH™ application. After all, FreeSWITCH™ is free, so give it a good home.

The key to success on a VM is making sure that the timing source from the hardware is shared to the guest VM. Some, like vmware, do virtual timing which is not good enough.

Child Pages

- [Amazon EC2](#)
- [SmartOS](#)
- [Virtualization Experiences](#)

Testimonials

As we have no hard and fast rules about the best way to virtualize FreeSWITCH, [real experiences](#) from community members might guide you.

OpenVZ

To speed you on your way to building a new FreeSWITCH installation the FS developer team has prepared an OpenVZ container complete with all necessary libraries and dependencies:

<http://files.freeswitch.org/opencvz/>

The default root password is 'freeswitch' so PLEASE change this before proceeding.

Then follow the [standard procedure for installing FreeSWITCH](#) or follow the motd instructions displayed when you log in to your new container and you will be up and running in no time flat.

if your FS runs with high traffic please use the default template in

```
/etc/vz/conf/ve-unlimited.conf-sample
```

Report issues with the container ONLY at <https://jira.freeswitch.org/browse/FSVIRT>

SmartOS

Detailed instructions for building a FreeSWITCH installation are listed on the [SmartOS page](#).

Xen

Some users on irc report good results Xen virtual host.

Microsoft Hyper-V

Hyper-V virtual host. Updated contributions welcome.

See Also

[Wikipedia OS-level virtualization article](#)

[FreeSWITCH performance dialer](#) — Simple dialer example

[ESL conference dialer](#) —Dials specified destinations, adds them to a conference bridge, waits for moderator; can be used to load-test virtual FS instances

[VoIP Q.O.S. probe](#) — Voice quality probe for end-to-end measurement of jitter and packet loss