

Virtualization Working Group

grehan@freebsd.org

Agenda

- General status update
- Virtio - Bryan Venteicher
- BHyVe - where to go
- Xen update - Attilio
- Discussion

Status - BHyVe

- In proj/bhyve
- GSoC '12 project for BIOS emulation
- MSI-X contribution from Sandvine
- uart emulation submitted

Status - virtio drivers

- Code in CURRENT
- net/block/balloon drivers
- scsi in development

Status - Xen

- amd64 PV guest
- kernel bootstrap & base x86 state done
- more details from Attilio

Status - HyperV

- Joint Microsoft/NetApp/Citrix project
- Targetting Windows8 hypervisor
- Code developed on FreeBSD 8.1
 - Should be publically available end of summer

Status - VirtualBox

- Ports upgraded to 4.1.x
- VM mem allocation code rewritten by avg@
- vnc support available in 4.2.0
- UDP tunnel support for GNS3
- (courtesy Bernhard Froehlich and vbox@)