

Virtualization Working Group

grehan@freebsd.org

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Agenda

- General status update
- XEN - Justin Gibbs
- bhyve memory overcommit
- Discussion + Linux guest demo

Status - bhyve

- Finalising 10.0 changes
 - GSoC AHCI code
 - AMD SVM/RVI support (proj/bhyve_svm)
 - memory overcommit (maybe)
- For 10.1:
 - in-kernel HPET + IOAPIC
 - UEFI support; UEFI repo on github

Status - VBox (decke@)

- Evaluating vbox4.3 for 10.0
 - improved VT-x support
 - “virtual router” NAT gateway for guests
- GSoC shared folders project
 - would like feedback from vfs/kern devs (socsvn/
soc2013/oleksandr)

Status - pv drivers

- Virtio net/block/balloon/scsi in 10.0
 - bug fixes/perf improvements for vtnet
- vmxnet3 now in GENERIC for 10.0

Status - HyperV

- PV drivers in 10.0
 - vmbus, block, network, 'util'
- 10.1 - "kvp" driver for external network config