VirtIO/VMware Status

Bryan Venteicher (bryanv@FreeBSD.org)
VirtIO

● What’s New
  ○ Unmapped IO - block and SCSI
  ○ Network multiqueue
  ○ Random (entropy) device
  ○ Initial console driver

● Remaining Work
  ○ Support missing devices - MMIO
  ○ Non-x86 architectures
  ○ SCSI multiqueue
  ○ Support VirtIO Version 1 specification
VMware

- vmxnet3
  - VMware provided driver
  - OpenBSD imported vmx driver May 2013
  - Ported to FreeBSD 10.0
    - TSO/LRO offload
    - Multiqueue

- PVSCSI & VMware Tools?