VirtIO on Xen
Content

- What is VirtIO?
- Difference with XenOps
- Benchmark
VirtIO

Google Summer of Code project
Wei Liu have porting it to Xen

generic paravirtualized IO framework
Used by KVM
Frontend in Linux
Backend in QEMU for KVM
Overview
Difference with Xen PV drivers

The backend of a Xen PV is in Dom0. Backends are in QEMU for KVM.
Benchmark - Network

one way: guest -> dom0 (server)

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<th>Configuration</th>
<th>Value</th>
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</thead>
<tbody>
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<td>hvm, with pvonhvm</td>
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<tr>
<td>hvm, with virtio nic</td>
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<tr>
<td>pv guest, with virtio nic</td>
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<tr>
<td>pv guest, with xenpv nic</td>
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<td>kvm guest, with virtio nic</td>
<td>123</td>
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Question?

usefull:
http://wiki.xensource.com/xenwiki/VirtioOnXen