OpenSolaris On Xen - Update April 2007

Operating Platforms Group
Sun Microsystems, Inc.
Agenda

- Install and configuration
- Interoperability
- Solaris enhancements
- Status
- Going forward
Install and configuration

- Both Solaris native and domo
- Solaris guest VM installation
  - Uses existing installation tools
Interoperability

- Cross platform
  - Linux domU on Xen solaris dom0
  - Solaris domu on Xen linux dom0
- Guest VM management
  - xm
  - Libvirt and virsh
  - GNOME based virt-manager
Solaris enhancements

- Xen crash dump (see Nils’ talk)
- Network backend based on Crossbow Virtual NICs
- DTrace probes for Xen hypercalls
- ZFS
- NFS
Status

- Integrate into OpenSolaris main branch
- Find and fix bugs
- Documentation
Going forward

- Xen 3.0.5
- FMA
- Performance
- Observability
- Security
Questions?