

Post-Surge 2014 illumos Day

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Let's Recap illumos

- The open-source inheritor of what was OpenSolaris's OS/Net components.
- **ORACLE IS NOT INVOLVED WITH ILLUMOS AT ALL!!!**
- What comes to mind when you think of Illumos?
 - ZFS
 - DTrace
 - Crossbow (network Virtualization)
 - Zones (sometimes known as Containers...)
 - Lightweight illumos instances
 - KVM zones
- And people are using these features to Solve Problems.

Illumos has Distributions

- The upstream illumos repository (illumos-gate) contains the kernel, (most) system libraries, and (most) system commands.
- What people use when they use illumos is a distribution.
 - OmniOS (stripped down for traditional servers w/support)
 - SmartOS (hypervisor-focussed for clouds w/support)
 - OpenIndiana (desktop and inheritor of OpenSolaris)
 - NexentaStor (storage appliance w/support)
 - Delphix (database appliance - commercial)
 - There are more (DilOS, OpenSXCE, etc.)

How to Contribute

- Start using your favorite distribution(s).
- Illumos repositories are on github.
- Get peer review ("code review").
- Submit to Illumos RTI Advocates, who will then integrate your bits.
- Distro-specific bits (e.g. omnios-build) may have different procedures.

Today's Speakers

- Garrett D'Amore (AMD) - State of POSIX for illumos
- Robert Mustacchi (Joyent) - Overlay Networks
- Gordon Ross (Nexenta) - SMB2.1 and SMB3
- Eric Sproul (OmniTI) - Managing Versioned Deployments with IPS
- Bryan Cantrill (Joyent) - LX Branded Zones

OmniOS r151012

- Pushed out to the repos last night.
- Set your omnios publisher to <http://pkg.omniti.com/omnios/r151012/>
- Visit <http://omnios.omniti.com/> for more.



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The logo for OmniTI features the word "OmniTI" in a dark grey, sans-serif font. The letter "O" is stylized with a gradient from dark red to orange, and a flame-like shape extends from its top right. The letters "m", "n", "i", "T", and "I" are in a solid dark grey. A small "TM" trademark symbol is located at the bottom right of the "I".

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