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 (DiiOS, 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/
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