Twin Cities Users Group Q3/2015

Agenda

- Presentations

  - **Introduction and Announcements** by Red Hat Principal Solutions Architect Marc Skinner

  - **Red Hat Summit Overview** by Red Hat Chief Architect Thomas Cameron

  - **SeLinux for mere mortals** by Red Hat Chief Architect Thomas Cameron

  - **JBoss Mobile Application Platform in Action** by Middleware Solutions Architect Greg Hoelzer

  - Target presentation on **DevOps with OpenStack** and **Ceph/SSD Optimizations**

Announcements

- Released

    - OSP7 (Kilo) released today!

    - RHEL 6.7 released June 2015

    - OSE 3.0 released during Summit 2015

- Upcoming

    - RHEL 7.2 is targeting November 2015

    - RHEV 3.6 targeting EOY

    - Satellite 6.1 is targeting August 2015

    - Red Hat Summit :: June 28-July 1st, 2015 in San Francisco

- Reminder

    - Satellite 5.5 and earlier EOL May 29, 2015

    - Satellite 5.6 and 5.7 supported until March 31, 2017

RHEL 6.7 features

- New resource agents enable Pacemaker HA support for nginx and SAP HANA.

- *scap-workbench* simplifies the creation of profiles, plus the scanning and remediation of systems

- Many SSSD improvements

- Full support for OpenJDK 8

- KVM hypervisor now support 240 vCPUs per VM

- Kdump supports hugepage filtering, and can be configured to be ignored during kdump

RHEL 7.1 features

- Allocation of 1GB hugepages per node * Sandy Bridge and newer

- Ceph RBD driver now supported and included in RHEL 7.x

- LVM Cache logical volumes via dm-cache

- GFS2 max file system size increased from 100TB to 250TB

- Tools to convert RGManager based cluster configuration files to PaceMaker format

- FIPS-140 Re-validation

- New features in OpenLMI – thin provisioning, SCSI re-scan and discovery, VG modifications

- New real time kernel included in RHEL 7.x for deterministic workloads

TAMs visiting today

- Sam Yangsao – Twin Cities (Platform + SAP)
- Chris Henderson – Twin Cities (Platform + Cloud)
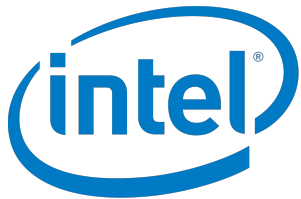- Ben Schmaus – Twin Cities (Platform + Cloud)

Proactive Notfications

- Critical BIND vulnerability - affects RHEL 4, 5, 6, 7

  https://access.redhat.com/security/cve/CVE-2015-5477

- Potential Ceph bug that could cause data corruption.

  https://access.redhat.com/solutions/1551063

Cloud Forms Workshop

- Join us at Surely Brewery

- August 11, 2015

- 12:30-5pm

- * Hands on lab *

OpenShift 3.0 Roadshow 2015

- Join us in Minneapolis at Target Field

- September 15, 2015

- 8:30am-5:00pm