



System z Update

18-JUNE CAVMEN Meeting

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Red Hat Community Contributions

- Largest contributor to Xorg
http://www.phoronix.com/scan.php?page=article&item=x_server_contributors&num=1
- Sistina GFS file system, LVM2 and associated clustering tools acquired for 31 million dollars and completely released as OSS
- Netscape directory server open sourced as Fedora/Red Hat directory Server - Bought for around 25 million dollars, open sourced

Red Hat Community Contributions

- gnome.org infrastructure, hosting and bandwidth
- Plymouth: graphical boot system
- pango: originally written and maintained
- **glib, gtk+: most primary maintainers and developer work**
- metacity: written and maintained
- nautilus: co-maintained
- gnome-panel: co-maintained
- gnome-session: maintained
- vte: written and maintained
- cairo: written (employee) and maintained
- pixman: maintained
- gconf: written and maintained
- dbus: written (employee) and maintained
- **DeviceKit: written and maintained**
- hal: written (employee) and maintained
- Avahi: maintained
- PulseAudio: maintained
- gnome-keyring: written and maintained
- **gnome control-center: co-maintained**
- evince: written and maintained
- NetworkManager: written and maintained
- gnome-menus: written and maintained
- sabayon: written
- dogtail - UI automation and testing framework
- Xorg: major contributions and maintenance

Red Hat Community Contributions

- coreutils - developed and maintained
- LVM2, md - maintained
- KVM virtualization- developed and maintained
- Autofs - maintained
- **SELinux**
 - o Maintains User space tools
 - o Targeted policy
 - o MLS Policy
 - o Setroubleshoot
- **Kernel 2.6 Audit subsystem - written and maintained**
- ipsec - maintained
- crypto - maintained
- ext3 - Written and maintained
- vfs- Written and maintained
- **Kernel 2.6 Virtual Memory manager - Written and maintained**
- **kernel 2.6 CPU scheduler - Written and maintained**
- netdump and netconsole
- NPTL - Written and maintained
- Tux - Written and maintained
- several SATA drivers
- Several network drivers
- Network stack
- parted - co-maintained
- **grub - development**
- util-linux-ng - maintained
- **rsyslog - co-maintained, significant influence**
- cronie - development
- abrt - development

Red Hat Community Contributions

- RPM - Written and maintained
- up2date - Written and maintained
- anaconda - Written and maintained
- firstboot - Written and maintained
- **system-config-tools - Written and maintained**
- yum - Maintained
- func - Written and maintained
- cobbler - Written and maintained
- spacewalk - Written and maintained
- booty - Written and maintained
- kudzu - Written and maintained
- **mkinitrd - Written and maintained**
- ntsysv - Written and maintained
- rhpl - Written and maintained

- **gfs - Written (Sistina) and maintained**
- **gfs2 - Written and maintained**
- dlm - Written and maintained
- gulm - Written and maintained
- cman - Written and maintained
- rgmanager - Written and maintained
- ccs - Written and maintained
- fence - Written and maintained
- system-config-cluster - Written and maintained
- gnbd - Written and maintained
- dmraid - Written and maintained
- bddraid - Written and maintained
- csnap - Written and maintained
- JFFS2

Red Hat Community Contributions

- **libvirt: The Virtualization API**
- **oVirt: The web based virtualization management app**
- **Virtual Machine Manager: A Python + PyGTK management application built with libvirt**
- **VirtInst A python library for simplifying provisioning of guest VMs with libvirt**
- **sVirt SVirt it the integration of Mandatory Access Control (MAC) security and Linux-based virtualization**
- Supporting Xen virtualization
- Sponsoring KVM hypervisor development

Red Hat Community Contributions

Enough!

http://fedoraproject.org/wiki/Red_Hat_contributions

- [Who wrote 2.6.20?](#) Analysis showing Red Hat as the leading contributor to the Linux Kernel

[Who wrote - and approved - 2.6.22](#) Analysis showing Red Hat as the leading contributor to the Linux Kernel

[Who wrote 2.6.23](#) Analysis showing Red Hat as the leading contributor to the Linux Kernel

[Where 2.6.25](#) came from Analysis showing Red Hat as the leading contributor to the Linux Kernel

Fedora for System z!

Posted to LINUX-390 on 18-JUNE

The Fedora s390x team is pleased to announce a first preview of Fedora 11 for s390x in form of a prebuilt hercules image and as a tarball which can be unpacked on a free DASD of your z9 or z10. We currently have ~11600 binary packages of Fedora 11/s390x and are working on getting real boot images.

Hercules images with instructions can be downloaded from

<http://secondary.fedoraproject.org/pub/alt/spins/S390/>

Individual packages are available at

<https://mirrors.fedoraproject.org/mirrorlist?repo=rawhide&arch=s390x>

Fedora for System z!

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More info will be added in the next few days at

<https://fedoraproject.org/wiki/Architectures/s390x>

If you're interested, please join our mailing list at

<https://admin.fedoraproject.org/mailman/listinfo/fedora-s390x>

or our IRC channel #fedora-s390x on freenode.net

Management Services

JBoss

Network Srvcs

Exchange

Red Hat

Red Hat

Windows

Virtual Environment

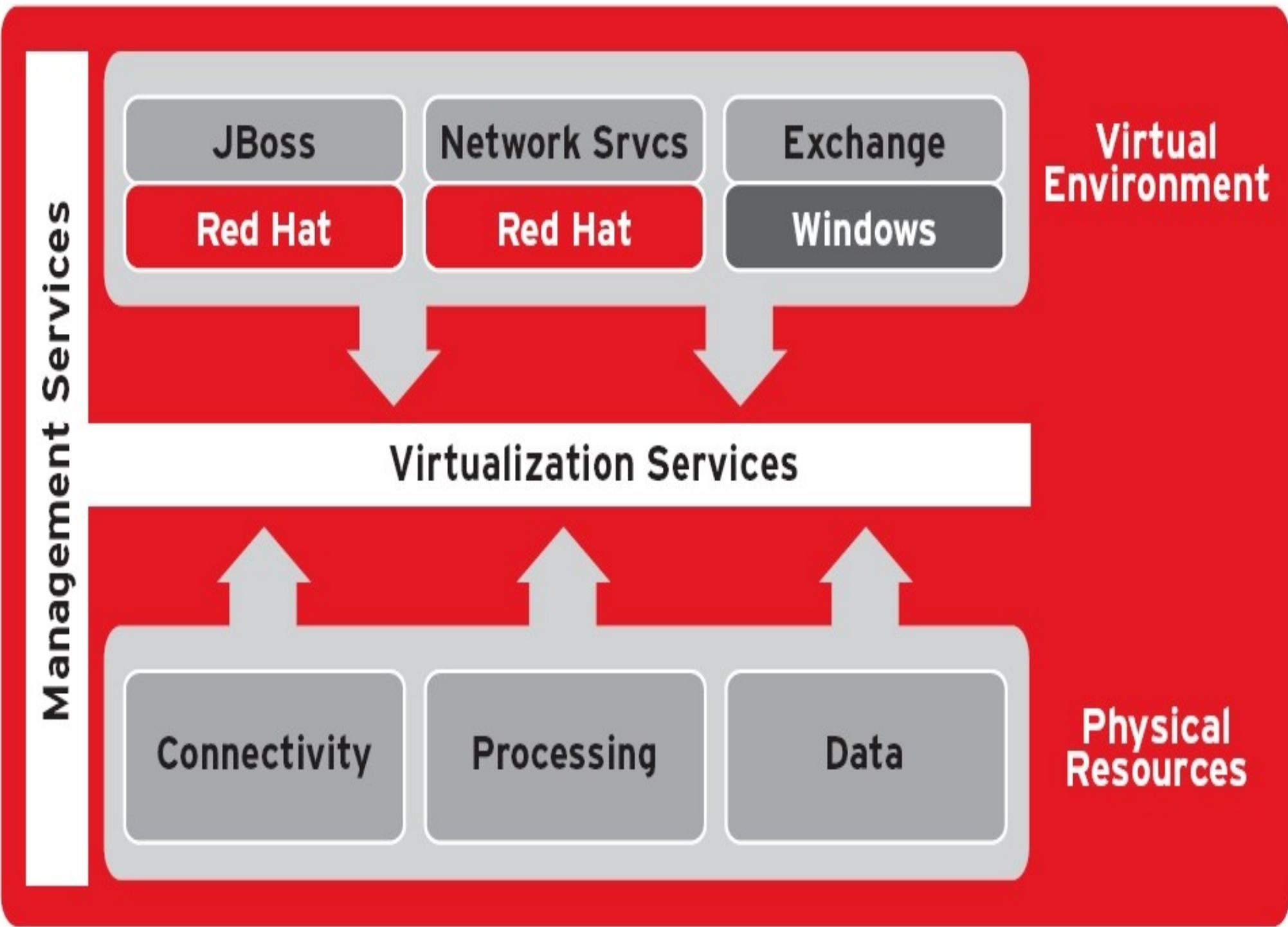
Virtualization Services

Connectivity

Processing

Data

Physical Resources



Management Application

CIM Provider

C

Python

Perl

OCaml

libvirt

xen

kvm

qemu

OpenVZ

LXC

LDoms

Storage

hypervisor

