OpenPOWER on OpenStack at OSU

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Revolutionizing the Datacenter

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Cluster created to support the FOSS ecosystem on ppc64/pc64le

Current cluster:
- 3 OpenPOWER compute nodes running Fedora 20 ppc64
- Using Openstack Icehouse release with Nova networking
- Upstream patches to libvirt, qemu and the kernel
- Managed via Chef

New cluster:
- Compute nodes running CentOS 7 ppc64le
- OpenStack Liberty with Neutron Networking
- Mellanox networking

FOSS Projects supported
- Over two dozen projects currently using the platform
- Nearly 60 VMs in use

Request access: http://osuosl.org/services/powerdev

Thank you IBM for donating and supporting this infrastructure!