SCS bullet points for week ending 2014-02-07

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 Scientific Computing Services worked with the Networking team and with Cisco to resolve a networking issue that restricted the performance of virtualized services. The problem was identified as a link aggregation bug.   SCS was able to update the firmware, without requiring any outage, and to confirm that the update fixed the issue. The link aggregation feature increases bandwidth and provides network redundancy for KVM Hypervisor hosts. Current KVM configurations include a number of Fermi compute services and systems in the public interactive Linux login pools.

Scientific Computing Services completed expansion work on the SUNCAT Photon Science cluster. The Dell 'blade' server architecture can provide up to 1024 cores in a single water-cooled rack.   A total of 656 Intel Sandy Bridge cores were added, increasing the compute capacity for SUNCAT researchers.