University of Westminster Cloud Cluster

The University of Westminster Cloud Cluster is the latest and most flexible computing resource offered by the School of Electronics and Computing. This extremely powerful platform addresses both teaching and research computing demands from within the university. It currently supports European projects and external research collaborations. The EC2 and S3 compatible "Amazon like" interface makes it very easy to use and accessible for everyone.

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Technical specs

Processing:
- 160 CPUs (AMD Opteron 4122 Processor (2.2GHz, 4C, 4x512K L2/6M L3 Cache, 75W ACP, DDR3-1333MHz).
- 20TB RAM memory (Dual Rank LV RDIMMs 1333MHz)

Storage:
- 5 TB RAID1-based, local storage, 40 x (SATA 7.2k 2.5" HD Hot Plug)
- 12 TB RAID1-based, (PowerVault MD3620i External 10Gb iSCSI + PowerVault MD1220 Base extension)

Networking:
- 2 x PowerConnect 8024F 10GbE optical fibre switches for vlan and storage connectivity.
- 2 x Standard 1000M Ethernet switches for administration purposes.