Test - Platform Profile: Cluster at UNC Chapel Hill

UNC Chapel Hill libraries has allocated 8 VMs for testing Fedora cluster configurations.

Parameter	Value	Notes
Clustered?	Yes	testing as 4 and 8 node cluster
Processing hardware	2 Cores	Intel(R) Xeon(R) CPU E5-2690 @ 2.90GHz
Operating system	Ubuntu 13.10	GNU/Linux 3.11.0-12-generic x86_64
Memory	2048 MB	only setting JVM max, 4GB real memory per server
Allocated Storage	50GB	this persistence area /data is ext4 (/ partition is 12GB)
Persistence I/O	106 MB/s	Is a certain level of throughput to disk an important part of the test?
Network I/O	95MB/s	This is particularly important for clustered operation.