

# Test - Platform Profile: Cluster at University of Wisconsin

University of Wisconsin - Madison cluster configuration

Parameter	Value	Notes
Clustered?	Yes	Testing as five-node cluster
Platform type	Virtual	VMWare (ESXi)
Processing hardware	2 Cores	AMD Opteron 6174, 2.2GHz
Operating system	RHEL6.5 Server, 64-bit	Linux 2.6.32-431.1.2.el6.x86_64 #1 SMP x86_64 GNU/Linux
Memory	2048 MB	only setting JVM max, 4GB real memory per server
Allocated Storage	50GB primary, 500GB data	filesystem type ext4
Persistence I/O	93.6 MB/s	
Network I/O	80MB/s	between nodes

The five nodes are virtual machines, provisioned on a single physical blade.