Nimble Storage in Real Life
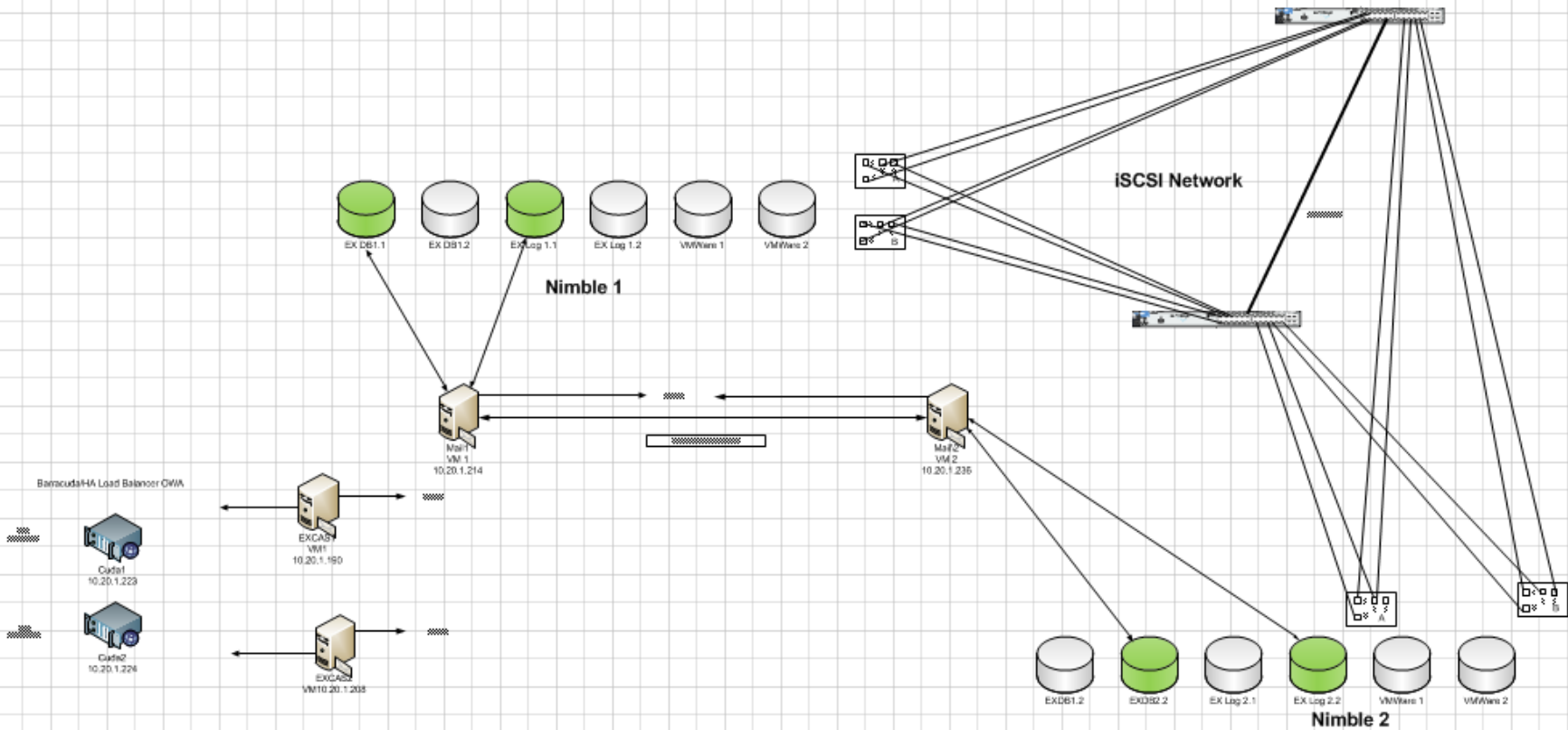
Architecture

Volumes

- Exchange
- Microsoft DFS File Storage (partial)
- Microsoft DPM Backups (partial
- SQL Server Data Bases and Data Stores
- Virtual Machines (iSCSI)
- Virtual Machine Backups

Overview
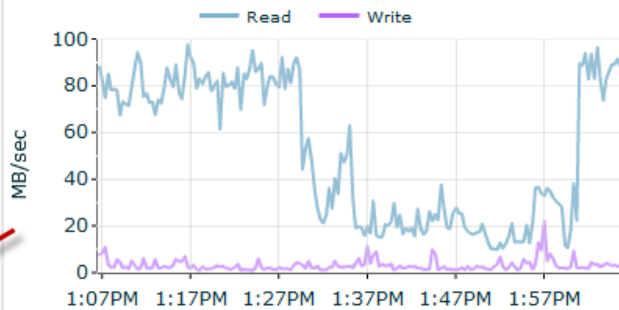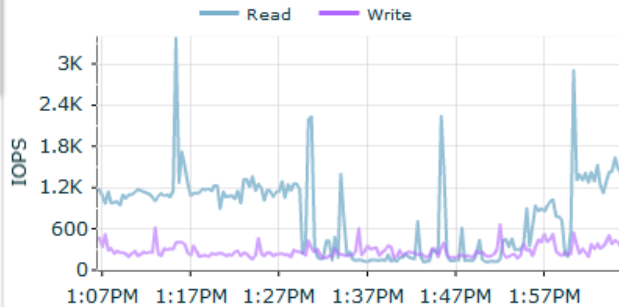
Array

Array > nimble2

Edit Network Addresses...   Edit Array Name...

GENERAL

Array Name	nimble2
Array Serial Number	AA-100161
Model	CS-240
Management IP Address	10.20.1.189
Target Discovery IP Address	10.40.2.6
Software Version	1.2.2.0-17686-opt
Disks	OK

DISK SLOTS

1   2   3   4   5   6   7   8   9   10   11   12   13   14   15   16

| CONTROLLER A - "STANDBY"		CONTROLLER B - "ACTIVE"	
Network Interfaces		**Network Interfaces**	
eth1 (1 Gbps)	Standby	eth1 (1 Gbps)	Active
eth2 (1 Gbps)	Standby	eth2 (1 Gbps)	Active 10.40.2.20
eth3 (1 Gbps)	Standby	eth3 (1 Gbps)	Active 10.40.2.21
eth4 (1 Gbps)	Standby	eth4 (1 Gbps)	Active 10.40.2.22

Performance Policies

Policies define how storage is configured for a specific data type (block size)
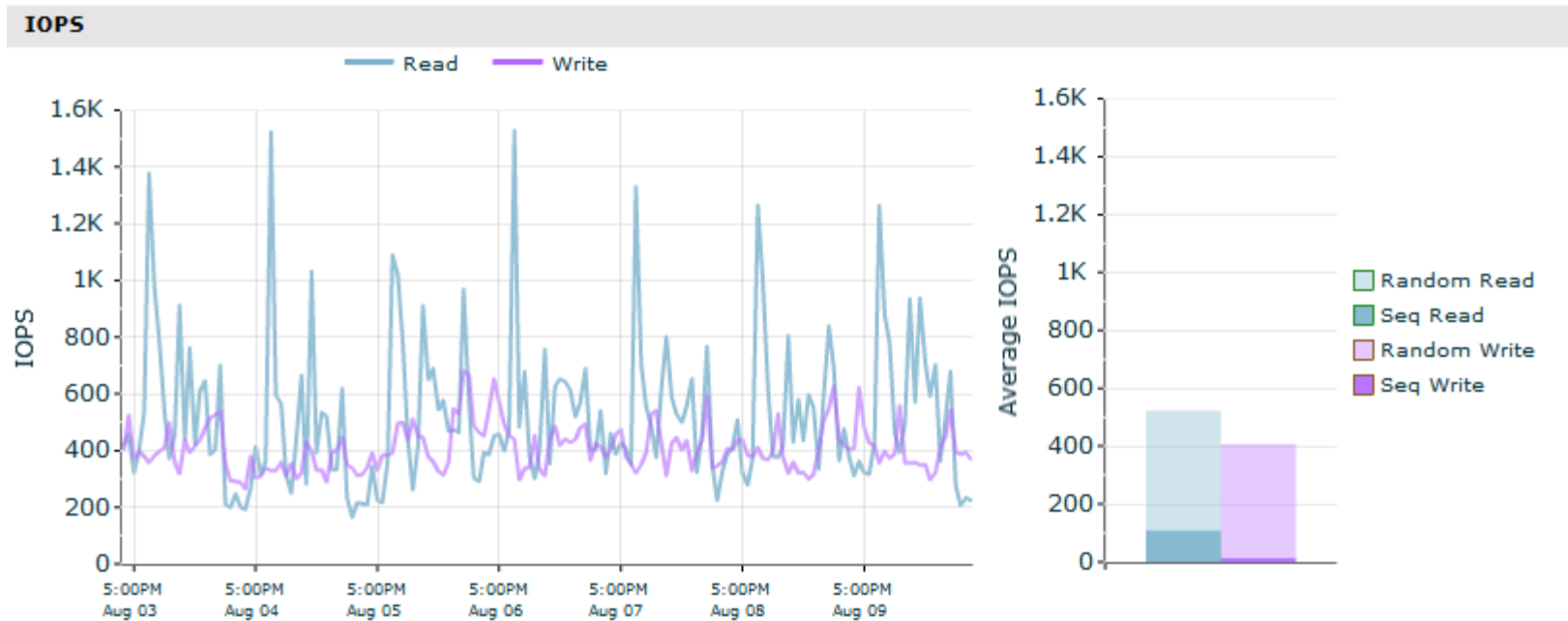
Performance Policies

New Performance Policy...

Performance Policy	Associated Volumes
default	3
Exchange 2003 data store	0
Exchange 2007 data store	0
Exchange 2010 data store	9
Exchange log	6
SharePoint	0
SQL Server	4
VMware ESX	8

Performance - Throughput
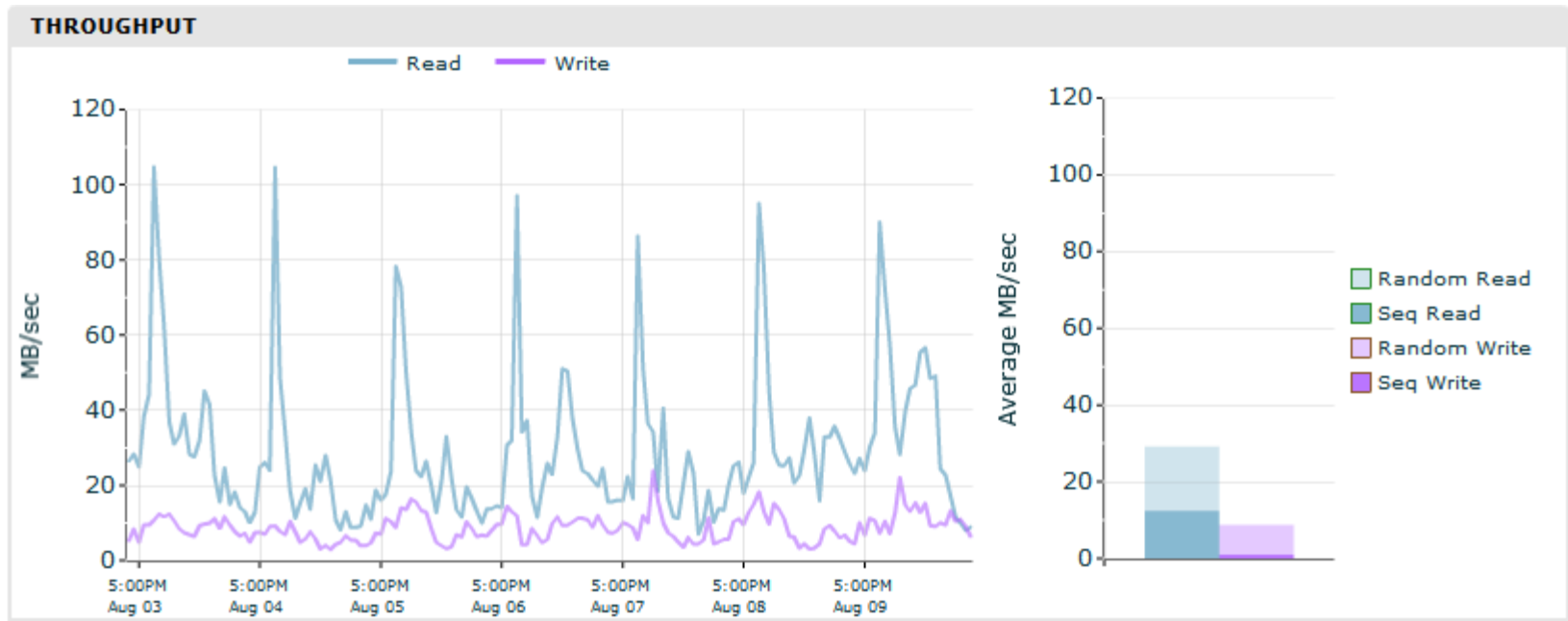
Performance - IOPS

Performance – Cache Hit Rate