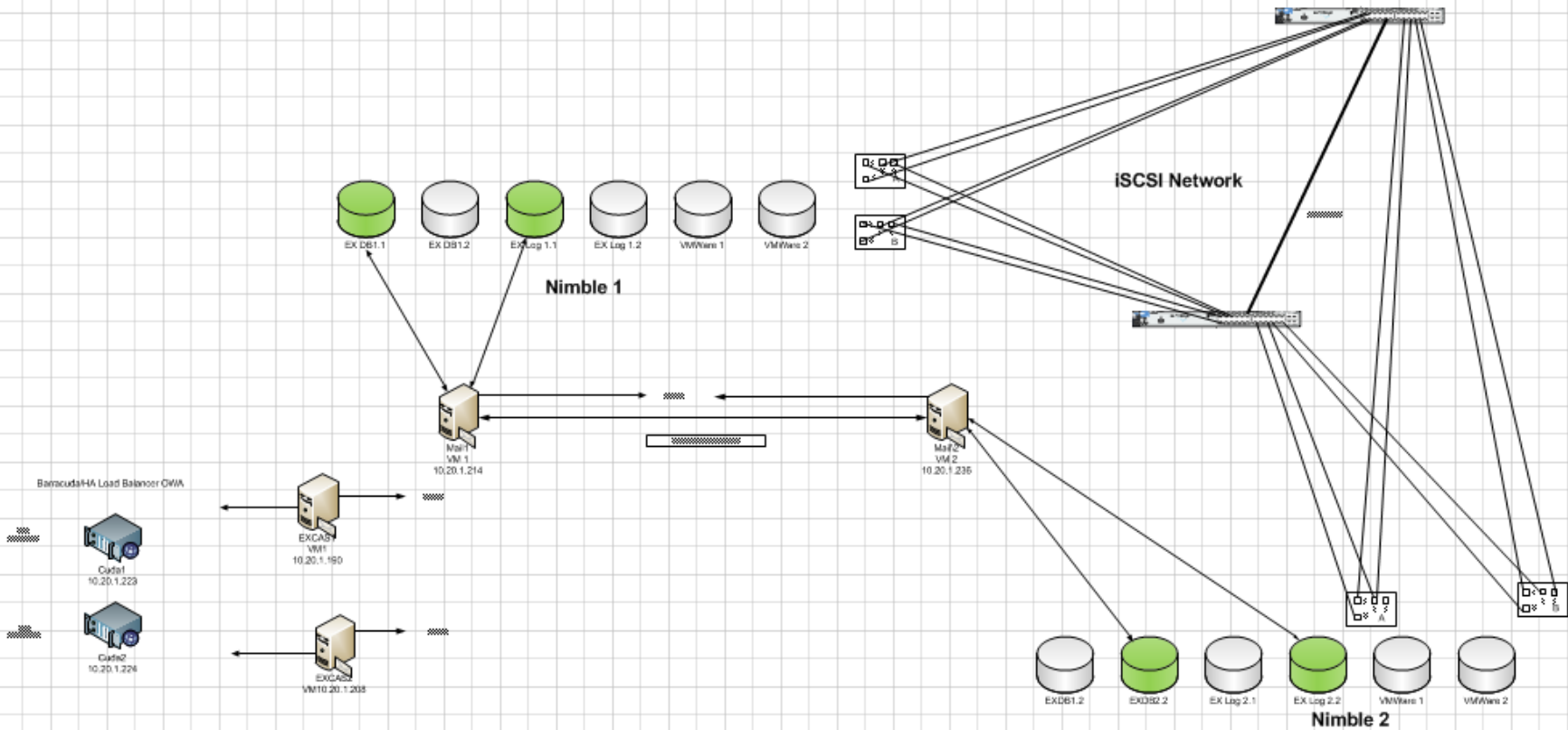


Nimble Storage in Real Life

Architecture

Nimble/Exchange Project



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



You are logged into: Nimble1 [Logout](#)

[Home](#) [Manage](#) [Monitor](#) [Events](#) [Administration](#) [Help](#)

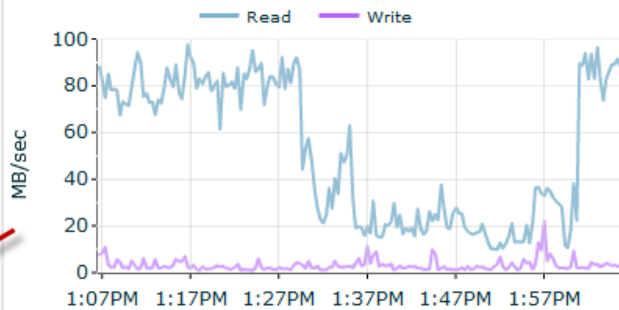
Home

DISK SPACE

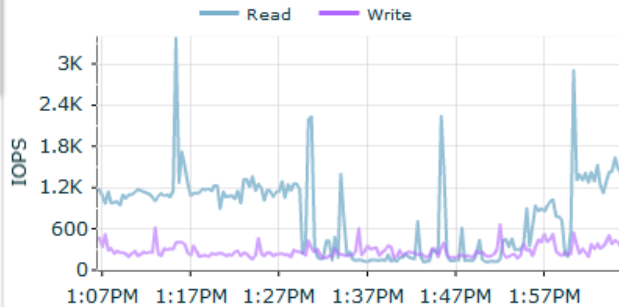


| | | |
|----------------|---------|--------|
| Volume Usage | 7.88 TB | 49.38% |
| Snapshot Usage | 1.85 TB | 11.60% |
| Unused Reserve | 0 B | 0.00% |
| Free | 6.23 TB | 39.02% |

THROUGHPUT



IOPS



EVENT SUMMARY - Last 24 hours

| Category | Critical | Minor |
|-------------|----------|-------|
| All | 0 | 0 |
| Hardware | 0 | 0 |
| Service | 0 | 0 |
| Replication | 0 | 0 |
| Volume | 0 | 0 |
| Update | 0 | 0 |

RECENT EVENTS

| Description | Time |
|-------------------|------|
| No items to show. | |

SPACE SAVINGS

| | |
|---------------------|---------|
| Primary Compression | 39.03 % |
| Primary Space Saved | 5.05 TB |
| Backup Compression | 3.62 X |

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" | |
|---------------------------|---------|
| Network Interfaces | |
| eth1 (1 Gbps) | Standby |
| eth2 (1 Gbps) | Standby |
| eth3 (1 Gbps) | Standby |
| eth4 (1 Gbps) | Standby |

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

Performance Policies

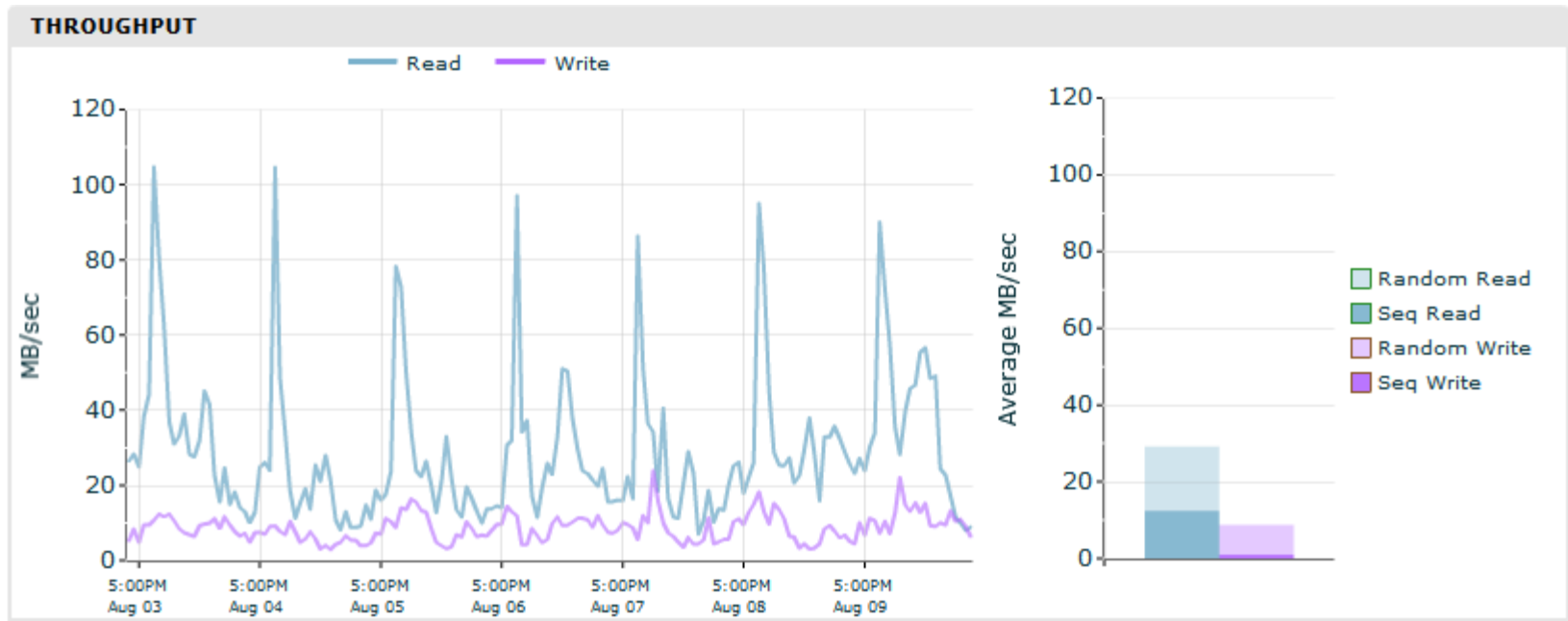
Policies define how storage is configured for a specific data type (block size)

Performance Policies

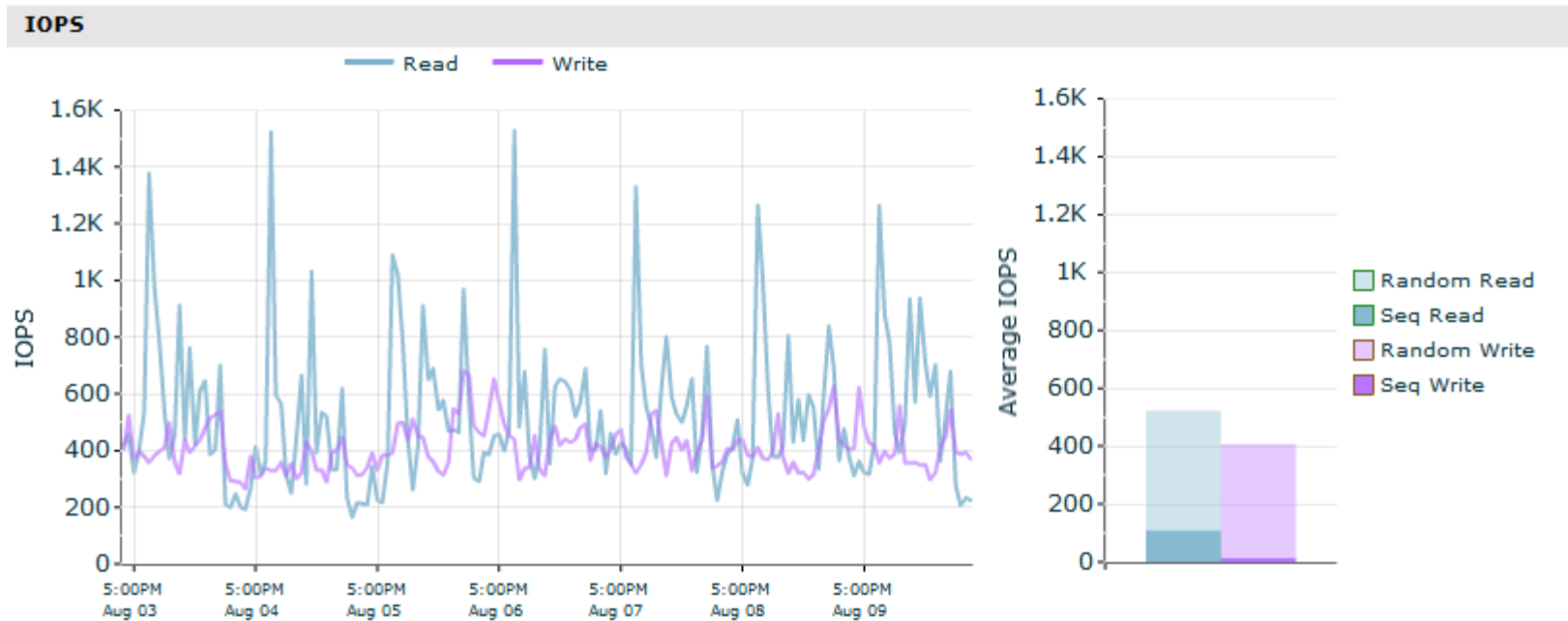
New Performance Policy...

| <u>Performance Policy</u> | <u>Associated Volumes</u> |
|--|---------------------------|
| 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

