Vantage Array Configuration - "Enterprise NAS"

OPTIONAL 10Gb Vantage host connectivity

External monitors/ deployments

LAN/WAN

Enterprise NAS

Vantage01 – Vantage Services

Vantage02 – Vantage Services

VantageSQL1 – SQL

VantageSQL2 – SQL Mirror

OPTIONAL

VantageWIT – SQL Witness

Vantage Array

Summary

This deployment option hosts an SQL database with optional mirroring, and uses Ethernet-attached shared storage using either multiple 1Gb or 10Gb connections

Workflow Suitability

This deployment option:

- Is suitable for high transaction volumes
- Is suitable for any media type
- Supports Analysis
- Integrates with 3rd party systems

Pros

- Dedicated SQL server with optional redundancy failover
- Dedicated high performance storage
- Dedicated Vantage nodes
- Transcoding redundancy with failover and load balancing
- Enterprise NAS storage can scale to dozens of Vantage nodes
- SQL can scale to thousands of jobs and dozens of Vantage servers (depending on version of SQL)

Cons

- Enterprise NAS and optional 10Gb Vantage host HBAs may need to be qualified, and may require additional installation and integration activities