

Disaggregated Storage for Enterprise & CPS



Communications • Computing & Storage • Medical Systems • Defense & Aerospace • Multimedia • Clean Technology • Industrial • Automotive

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Storage Evolution



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- Disaggregated storage improves efficiency
- NVMe over Fabric provides the ability to implement storage at very low latency
- Scale-up and Scale-out architecture required
- Requires storage management capabilities that match today's methodology

Real World Requirements



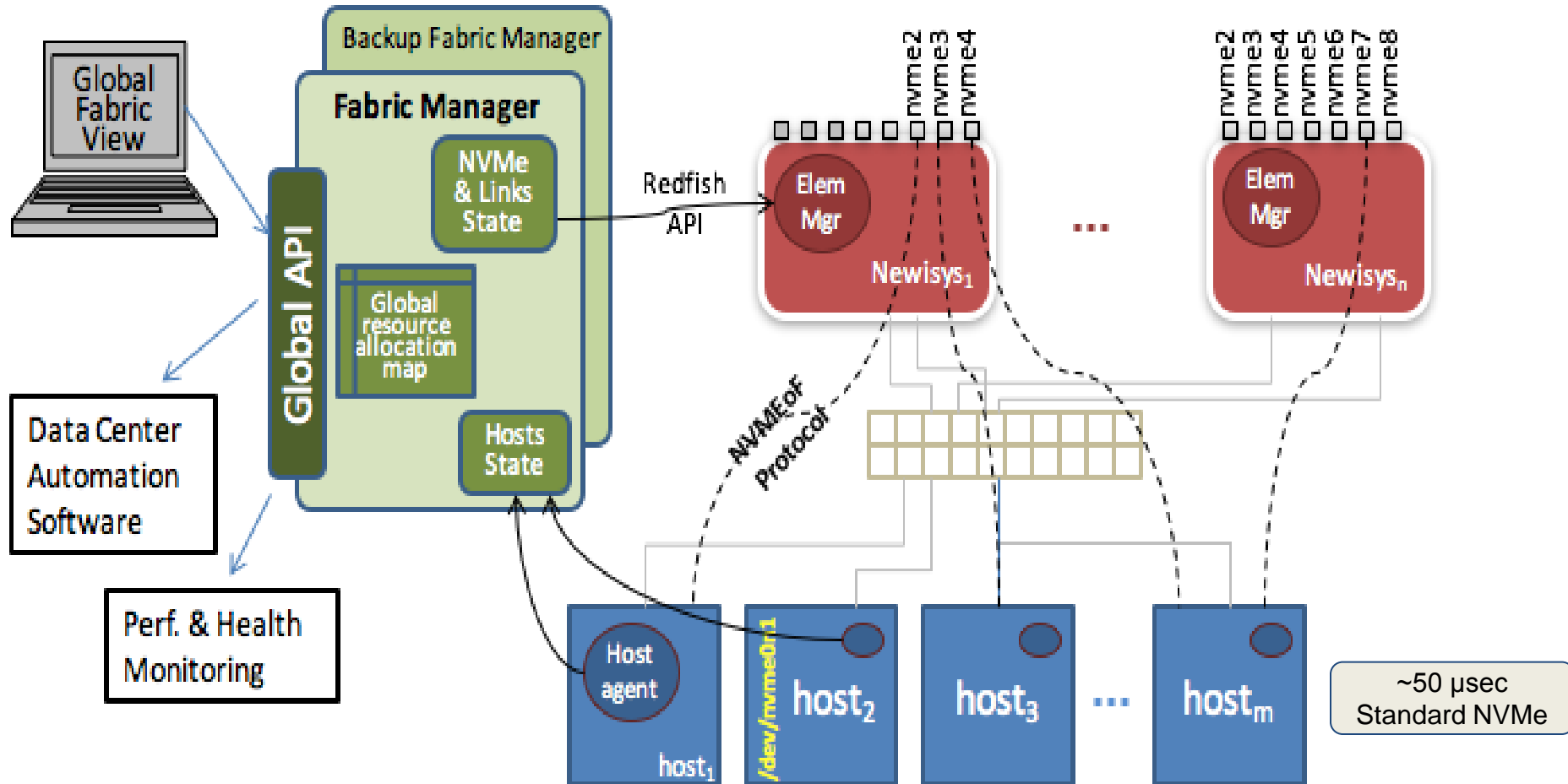
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- Management at scale
 - Multi node and client management in large numbers
 - Security for access
 - OOB management
- To manage at scale
 - New methodology
 - RESTful based, Swordfish-like APIs are needed to enable automation of storage administrative tasks
 - May also require management to match existing environment
 - Enclosure Health Management
 - Security
 - Error Monitoring
 - FW Management

Implementation Example



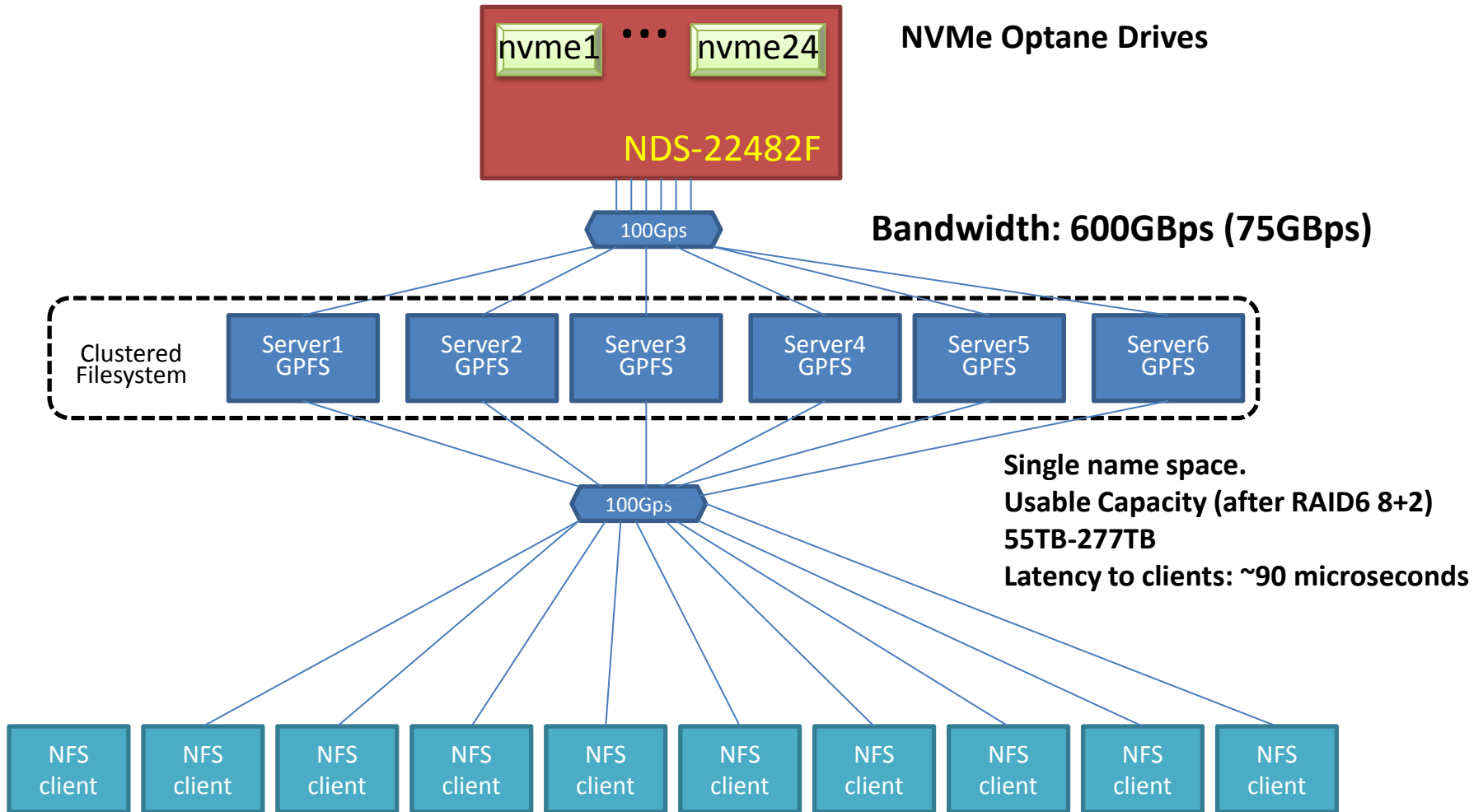
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Scale up and Scale Out example (Spectrum Scale)



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