e-Records 2013

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ViON

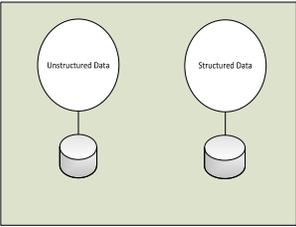## ViON File Services

File Discovery

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File Migration

File Management

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"Data Are Not Information"

- Unstructured Data
- Structured Data
- Content Management
- Intelligent information Management
- Big Data

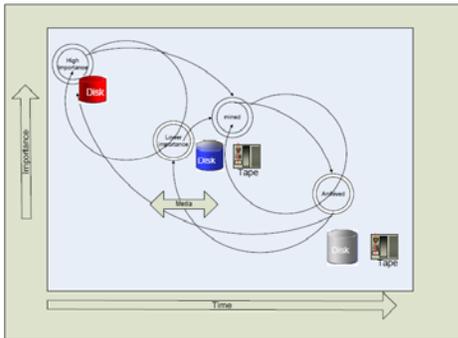Unstructured Data   Structured Data

"It's not about just being data informed, but being data aware and data intelligent" Om Malik

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The Importance of Being Data

ADDIE

- Analyzize
- Design
- Develop
- Implement
- Evaulate

Post-Assessment Process

Provide an analysis report for implementing a new storage design
- Review the raw findings of the assessment
- Interpret the findings and apply to the solution

Recommendations for infrastructure changes and migration
- Review the possible impacts of consolidation, both financial & technical.
- Explore the cost savings of storage tiering and virtualization.
- Discuss implementing a content repository for large static data.

Propose a plan for infrastructure change with an associated migration plan

The Archive

- There are two important concepts for the storage of e-Records
  - Tenancy
    - The apartment
  - Namespace
    - What's in the apartment
- There are several drivers leading to the need for e-Records
  - Legal
  - Search
  - Efficiency
  - Storage
- Each environment has its own set of needs
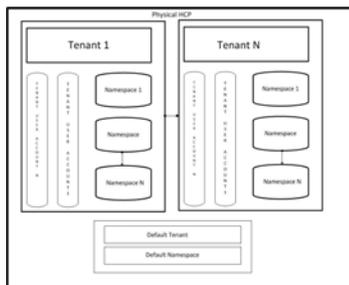
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The Object Store

- Records as objects
- Objects as files
- It's all about metadata
  - Metadata leads to search capability

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The Archive

- Each Tenant and set of namespaces is a virtual Archive
- Tenants: segregation of management
- Namespaces: segregation of data
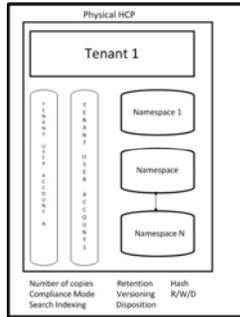- Ensures backward compatibility

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Archive

- Personality per Namespace
  - Separate data management policy
- Separate Data Access Rules, configured in the individual user accounts of a tenant.
  - Browse
  - Read
  - Write
  - Change Owner
  - Delete
  - Purge
  - Privileged Delete
  - Search

Physical HCP
Tenant 1
Namespace 1
Namespace
Namespace N

Number of copies   Retention   Hash
Compliance Mode   Versioning   R/W/D
Search Indexing   Disposition

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The Archive

- Personality per Namespace
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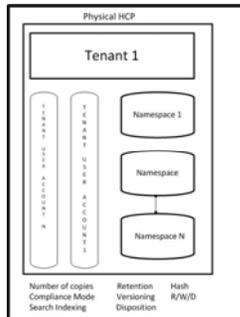 - Delete
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Challenges in a Distributed World

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An Idealized Environment

Integrated
- Convergence of file, content and block services
- Dynamic data movement across tiers
- End-to-end Virtualization

Intelligent Tiering
- Policy-based, content aware management in heterogeneous environment

Intelligent Migration
- High Performance, Highly Available, Grid Design
- Scale to fit your needs
- Migration Validation

Reduce Backup
- Data Dedupe and content-aware compression
- Replication and inactive data archiving reduces backup bloat

Search
- Federated search across NAS, SAN and Archive
- Enable eDiscovery for Regulatory Compliance

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QUESTIONS AND DISCUSSION

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