The Storage Challenge

Unstructured data waves are... changing the world

- Every year, 1 trillion photos are taken and billions of
- Every minute, up to 300 hours of video are uploaded
to YouTube alone
- Facebook users send on average 31.25 million
- In 2016, 6.4 billion things—up 30 percent from 2015,
  with 5.5 million new things being
  connected every day
- Internet of Things

Unstructured data is made up of:
- Business data
- Human data:
  - Emails, photos, videos, etc.
  - Tweets, etc.
  - Managed archive of Emails, Texts, miscellaneous items
  - Content Distribution:
    - Distribute videos, music, etc.
  - Content Repository:
    - Store, organize, catalog
  - Video Archive:
    - Store, protect
  - Typical backup scenarios

- How do I reduce storage costs my data to ensure its easy accessibility?
- How do I organize and catalog my unstructured data?
- How do I back up my unstructured data and restore it when I need to?
- How do I store and protect my unstructured data in view of its volatility and variety?

How do I adapt to changing market conditions—rapidly
- Reuse legacy systems
- Develop new revenue streams
- Address new market opportunities
- Leverage the flexibility and scalability of cloud

Build Run

Define

• Adapt to changing market conditions—rapidly
• Make better business decisions—faster
• Grow revenue with targeted customer service
• Leverage your structured and unstructured data
Using ALL your data can make a difference to your business!

Storage questions you need to ask... and answer

- How do I recover data in the event of a hardware failure?
- How do I ensure data is always available?
- How do I ensure data is secure and cost-effective?
- How do I leverage my storage infrastructure for new use cases?

Unstructured data vs. structured data... driving data growth

Structured data:
- Data that fits into a table
- Easy to search
- Easy to backup and restore
- Extreme scale

Unstructured data:
- Data that does not fit into a table
- Difficult to search
- Hard to back up and restore
- Extreme scale

The challenge many organizations face is how to leverage an open source software-defined storage (SDS) solution.

SUSE Enterprise Storage for HPE Apollo and ProLiant Systems is purpose-built for data-intensive environments.

Win

- No vendor lock-in
- No single point of failure
- Unlimited scalability
- Open source, software-based

Use Cases

- Managed archive of Emails, Texts, miscellaneous items
- Content Distribution:
  - Distribute videos, music, etc.
- Content Repository:
  - Store, organize, catalog
- Video Archive:
  - Store, protect
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How do I plan for the future?
- Archive surveillance video to meet compliance
- Video Archive:
- Backup Target:
- Backup Solution:
- Open source-based
- Pre-integrated, enterprise-ready Ceph object storage
- Purpose-built, all-in-one, software-defined storage
- Based on the widely accepted Ceph software.

Why SUSE Enterprise Storage?

- The challenge many organizations face is how to leverage an open source software-defined storage (SDS) solution.
- SUSE Enterprise Storage for HPE Apollo and ProLiant Systems is purpose-built for data-intensive environments.
- SUSE Enterprise Storage for HPE Apollo and ProLiant Systems leverages open source software, providing the flexibility and scalability to meet your needs.
- SUSE Enterprise Storage for HPE Apollo and ProLiant Systems is designed to be future-proof, allowing you to easily adapt to changing market conditions.
- SUSE Enterprise Storage for HPE Apollo and ProLiant Systems is open source-based, providing you with the freedom to choose the best solution for your needs.

HPE Financial Services

• Adapt to changing market conditions—rapidly
• Make better business decisions—faster
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Using ALL your data can make a difference to your business!

What are the key benefits of SUSE Enterprise Storage for HPE Apollo and ProLiant Systems?

- No vendor lock-in
- No single point of failure
- Unlimited scalability
- Open source, software-based

Why should I consider SUSE Enterprise Storage for HPE Apollo and ProLiant Systems?

- The challenge many organizations face is how to leverage an open source software-defined storage (SDS) solution.

What is SUSE Enterprise Storage for HPE Apollo and ProLiant Systems?

- SUSE Enterprise Storage for HPE Apollo and ProLiant Systems is purpose-built for data-intensive environments.
- SUSE Enterprise Storage for HPE Apollo and ProLiant Systems leverages open source software, providing the flexibility and scalability to meet your needs.
- SUSE Enterprise Storage for HPE Apollo and ProLiant Systems is designed to be future-proof, allowing you to easily adapt to changing market conditions.
- SUSE Enterprise Storage for HPE Apollo and ProLiant Systems is open source-based, providing you with the freedom to choose the best solution for your needs.

How does SUSE Enterprise Storage for HPE Apollo and ProLiant Systems differ from traditional storage solutions?

- Traditional storage solutions are unable to meet the volume, velocity, and variety demands of unstructured/semi-structured data due to cost and complexity.
- Capacity and capabilities of legacy storage architectures is being challenged.

How can SUSE Enterprise Storage for HPE Apollo and ProLiant Systems help me?

- SUSE Enterprise Storage for HPE Apollo and ProLiant Systems is designed to be future-proof, allowing you to easily adapt to changing market conditions.
- SUSE Enterprise Storage for HPE Apollo and ProLiant Systems is open source-based, providing you with the freedom to choose the best solution for your needs.

What are the key features of SUSE Enterprise Storage for HPE Apollo and ProLiant Systems?

- No vendor lock-in
- No single point of failure
- Unlimited scalability
- Open source, software-based

Where can I learn more about SUSE Enterprise Storage for HPE Apollo and ProLiant Systems?

- HPE Financial Services
- SUSE's website
- SUSE's blog

SUSE Enterprise Storage: Powering Software-Defined Storage

- The storage industry faces disruption as organizations transition away from traditional SAN / NAS to software-defined storage strategies. …
- ...the active advancement of Ceph technologies to build your Software-defined Storage Strategy...  

SUSE Enterprise Storage for HPE Apollo and ProLiant Systems

- Purpose-built, all-in-one, software-defined storage
- Based on the widely accepted Ceph software.

Ride the storage wave and win— with HPE and SUSE

• Adapt to changing market conditions—rapidly
• Make better business decisions—faster
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Using ALL your data can make a difference to your business!

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Ride the wave with HPE and SUSE!