Hewlett Packard Enterprise

Machine learning boosts application uptime

Methodology

Nimble Storage, a Hewlett Packard Enterprise company analyzed more than

12,000

instances of app problems

From a range of IT infrastructure across

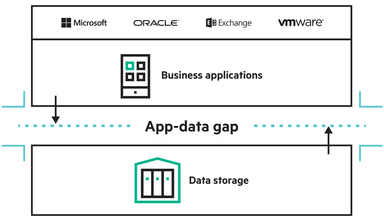
7500+

customer environments

Using the **InfoSight Predictive Analytics** platform, the results show

The app-data gap is real

Disrupted data delivery stalls businesses, creating the **app-data gap**.



Storage is normally the first suspect when identifying the causes of the app-data gap, but the facts tell a different story.

Key findings

54%

of issues had nothing to do with storage, resulting instead from configuration, interoperability, and other problems.

46%

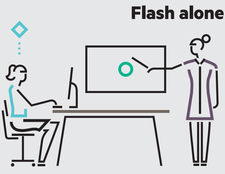
of issues were related to storage, including hardware and software issues, and occasionally performance.

Causes of the app-data gap

- **46%** **Storage**-related
- **28%** **Configuration** issues
- **11%** **Interoperability** issues
- **8%** **Non-storage best practices** Impacting performance
- **7%** **Host, compute, VM**

54% non-storage related

Flash alone isn't enough



Infrastructure complexity makes it difficult to pinpoint the real problem, resulting in

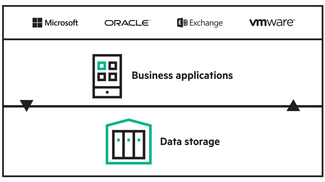
- Extended downtime and frustration
- Inefficient use of IT resources and budget
- Long hours spent resolving cross-vendor issues

And upgrading hardware wouldn't solve majority of application issues

It's time to close the app-data gap

Predictive analytics based on machine learning boosts application performance and mitigates downtime by closing the app-data gap.

Predictive analytics platform is key



- Identify issues early and before users
- Reduce user disruption
- Reduce repetitive issues
- Continually improve performance

Seven capabilities to look for when you evaluate storage solutions

- Downtime automatic prevention
- Downtime prediction
- Prescriptive resolution
- Rapid root cause analysis
- Cross-stack application of analytics
- Analytics-driven tech support
- Measured availability metrics

Learn how to harness the power of machine learning to boost productivity.

Read the full report

"Can Machine Learning Prevent Application Downtime"

Learn more at

hpe.com/us/en/storage/nimble.html

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