

Machine Learning Boosts Application Uptime

Methodology

Nimble Storage analyzed more than **12,000** instances of app problems

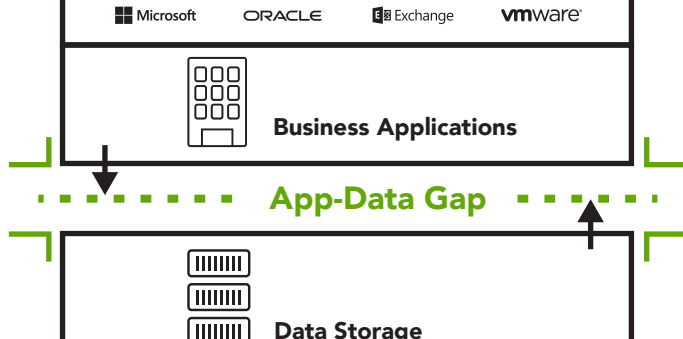
From a range of IT infrastructures across **7,500+** customer environments



using our **Predictive Analytics Platform**, the results show: ▾

The App-Data Gap is Real

Applications power your business and depend on rapid, uninterrupted access to data. Disrupted data delivery makes business wait, 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

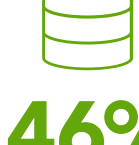
54%

of issues had nothing to do with storage, resulting instead from config., 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



26%
Configuration Issues



11%
Interoperability Issues



8%
Non-Storage Best Practices Impacting Performance



7%
Host, Compute, VM

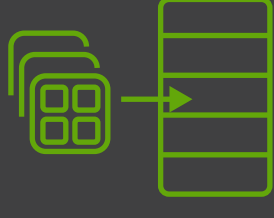
54% Non-Storage Related

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

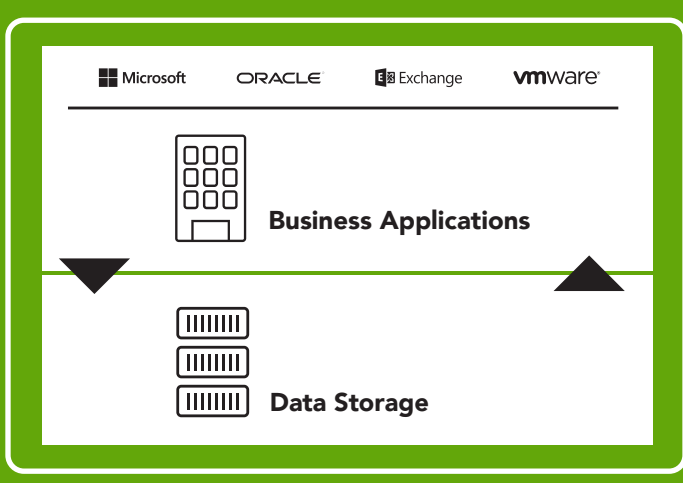


! And upgrading hardware wouldn't solve 54% of application issues

It's Time to Close the App-Data Gap

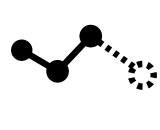
“ Predictive Analytics based on machine learning boosts application performance and eliminates downtime by closing the App-Data Gap. ”

Predictive Analytics Platform is Key



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

7 Capabilities to Look For When You Evaluate Storage Solutions



Downtime prediction



Cross-stack application of analytics



Downtime automatic prevention



Analytics-driven tech support



Prescriptive resolution



Measured availability metrics



Rapid root-cause analysis

Learn how to harness the power of Machine Learning to boost productivity:

Read the Full Report: **“Can Machine Learning Prevent Application Downtime”**

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