

Ellexus Ltd: The I/O Profiling Company

Products: We make tools to help you

- improve application performance,
- protect shared storage, and
- manage application dependencies.

Customers include:



Ellexus enterprise products

Take control of the way you access your data



Detailed I/O Profiling

- Dependency analysis
- Cloud migration made easy
- Debug devops and I/O issues



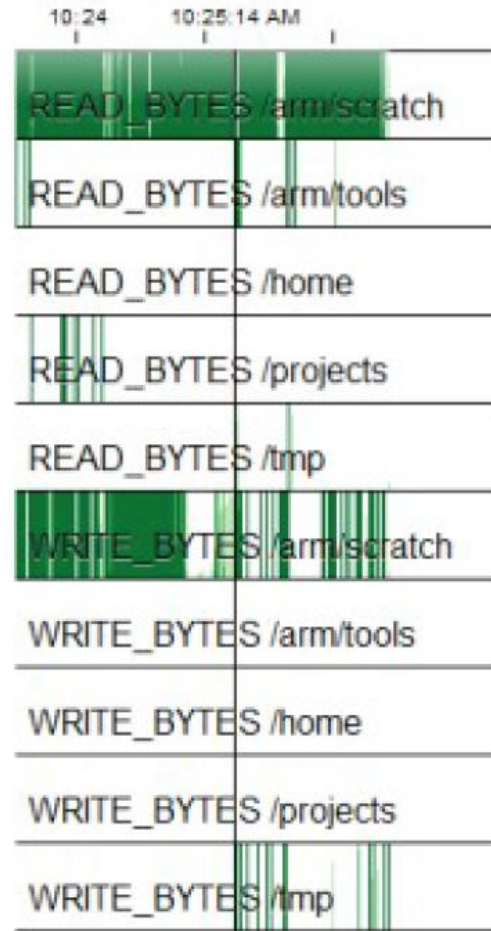
Live System Telemetry

- I/O profiling at scale
- Protect storage from rogue jobs
- Find bottlenecks in production



Customer case study: ARM

Example of a rogue job
from Arm:



This application is overloading
shared storage by putting data
in the wrong place.

Temporary data is
written to shared
storage

Local storage is
unused

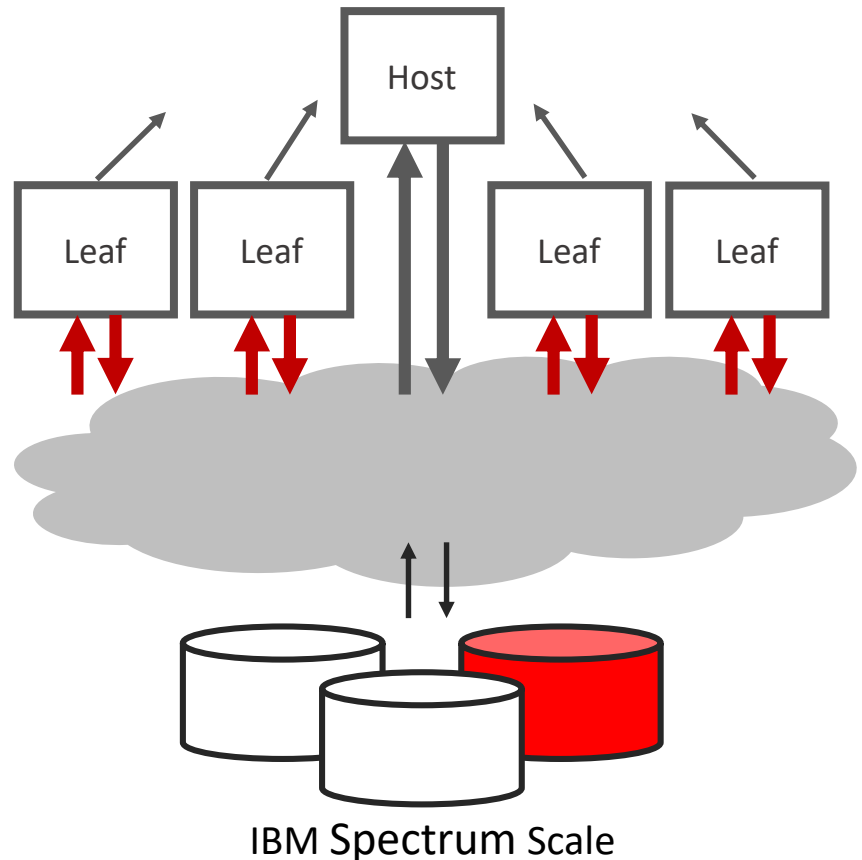


Customer case study: Silicon Valley ISV

Storage overloaded daily by users writing to the storage over NFS instead of Infiniband

Other problems:

- Excess delete operations
- Excess meta data
- File system trawls



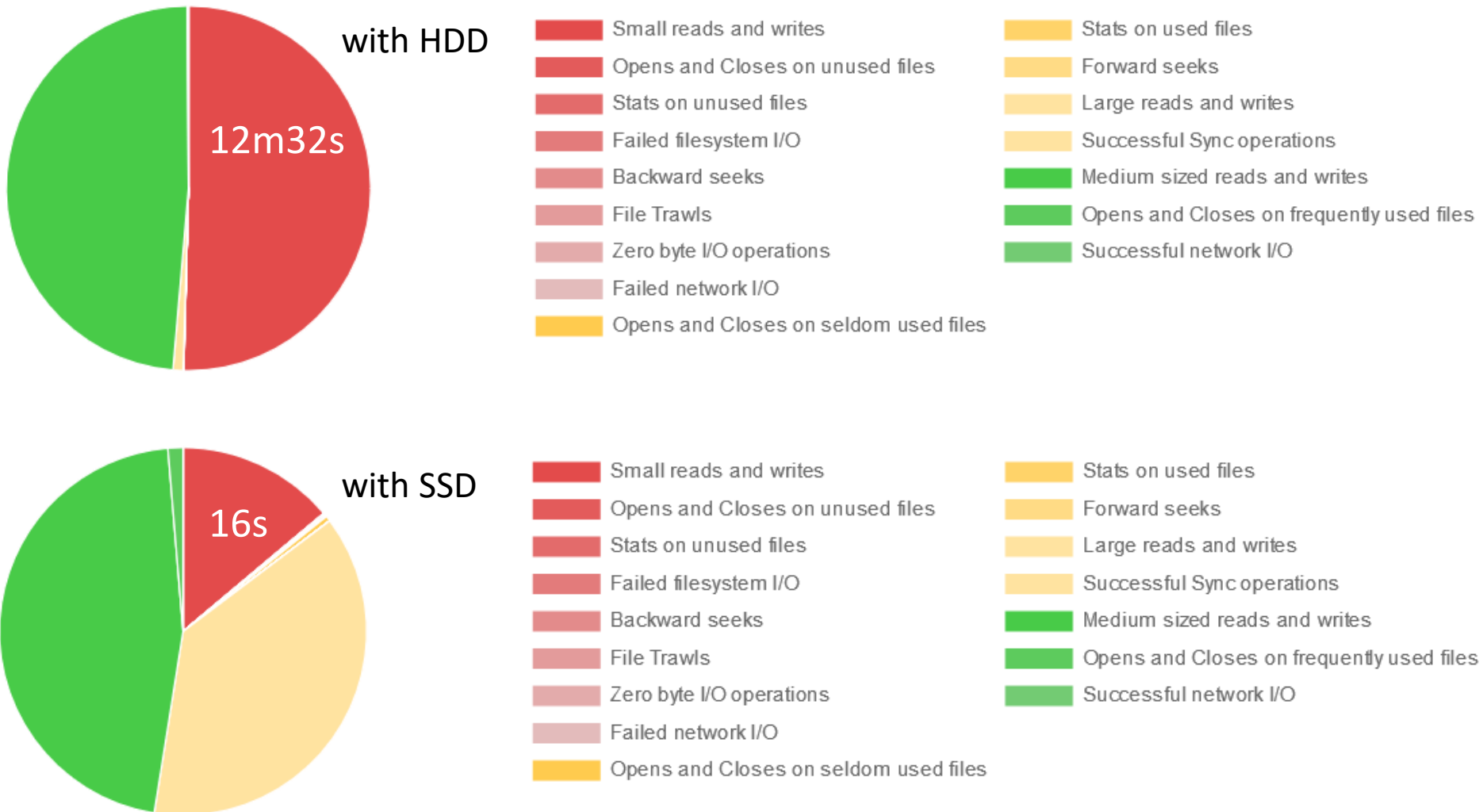
How much time are you wasting doing bad I/O?

A trace of OpenFoam running on Oracle bare metal cloud



Small I/Os and why they matter

A genome pipeline containerised for cloud deployment



Thanks for listening!

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