

SUSE Enterprise Storage

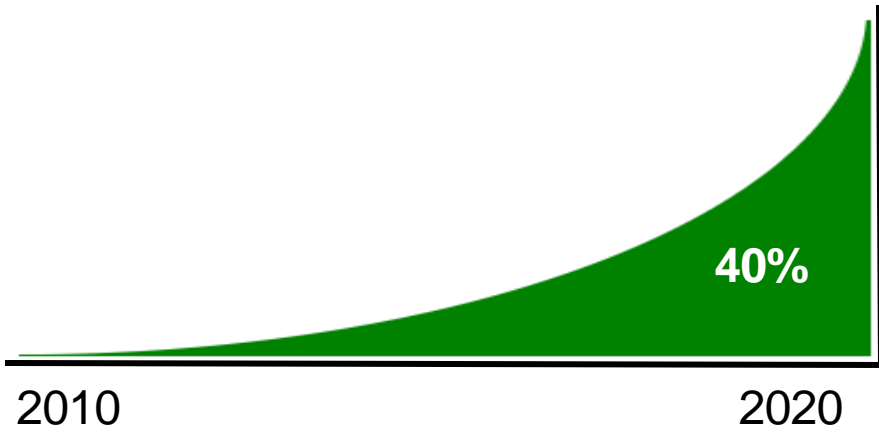
Marcelo Arantes

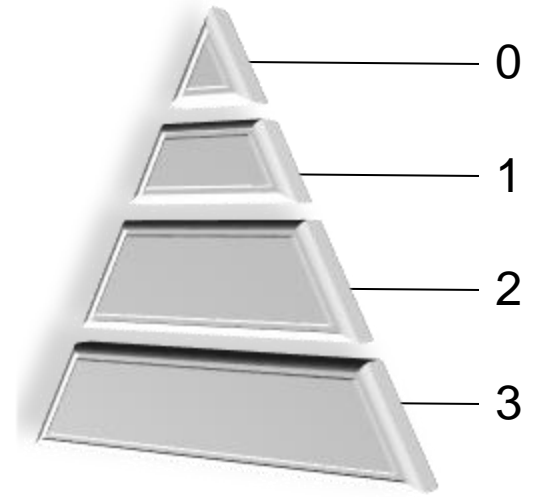
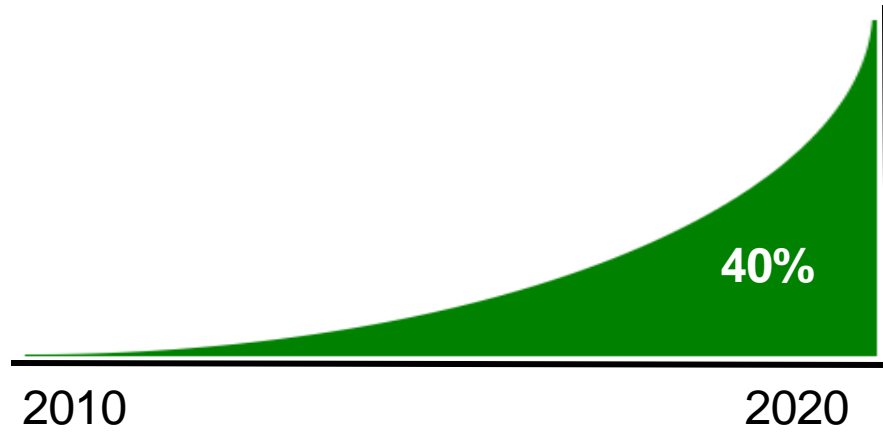
SUSE Enterprise Storage

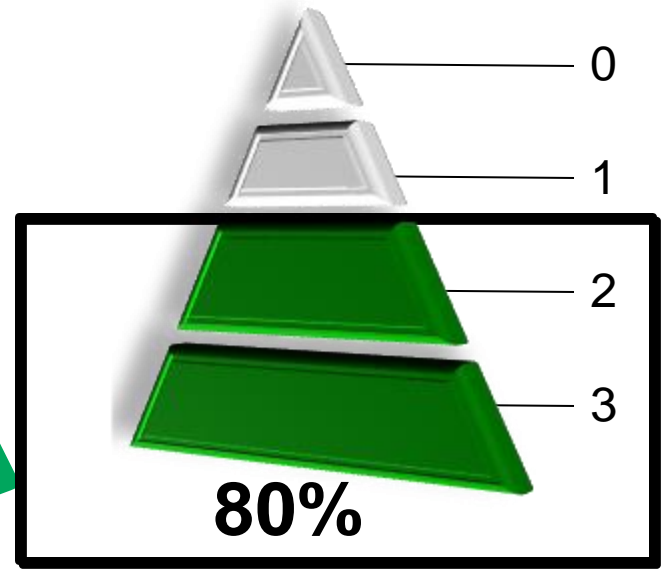
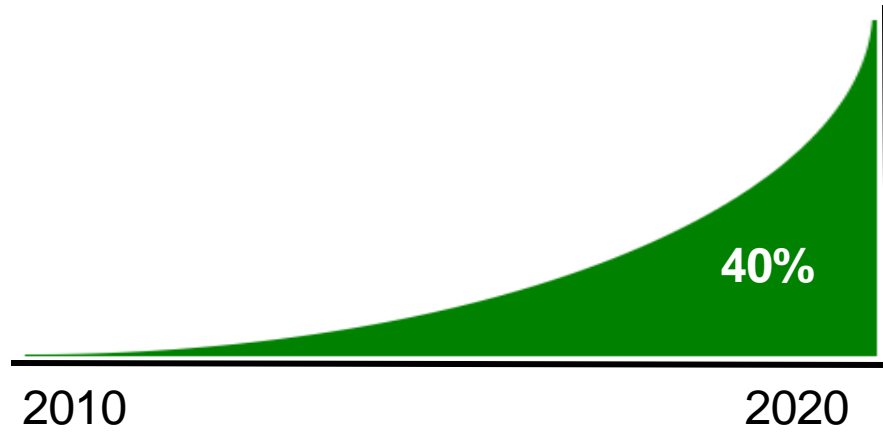
Product Sales Specialist

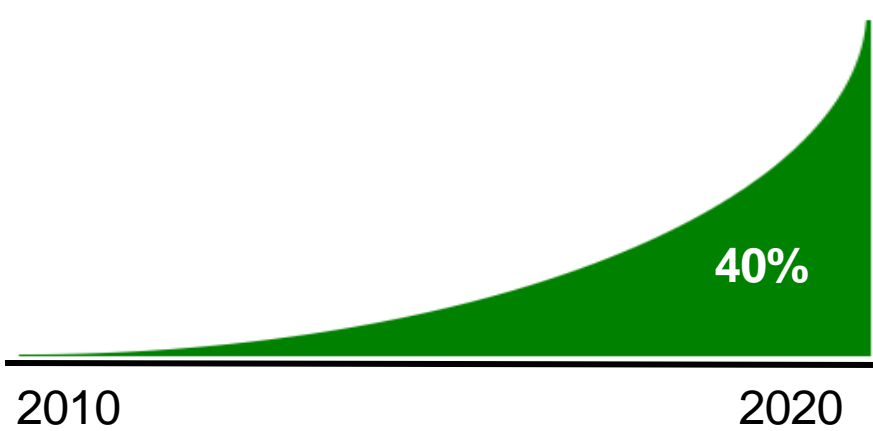
marcelo.arantes@suse.com











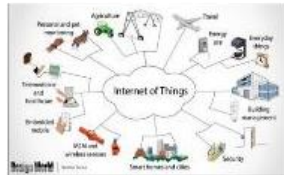
Increasing Resolutions



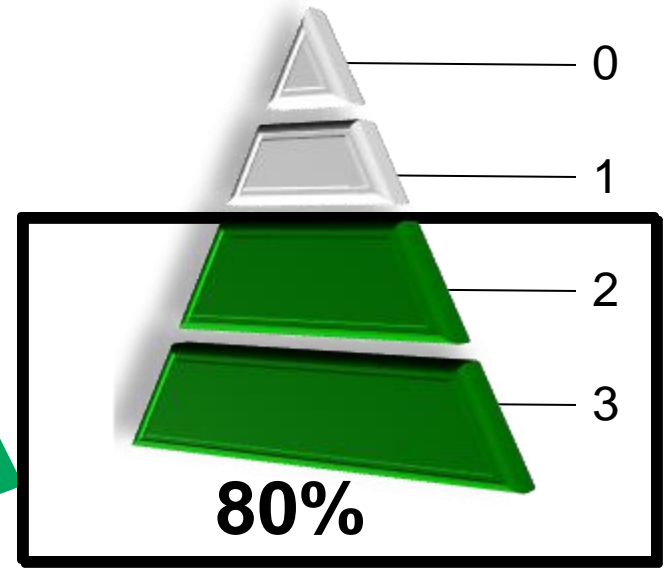
Exploding Mobile Usage

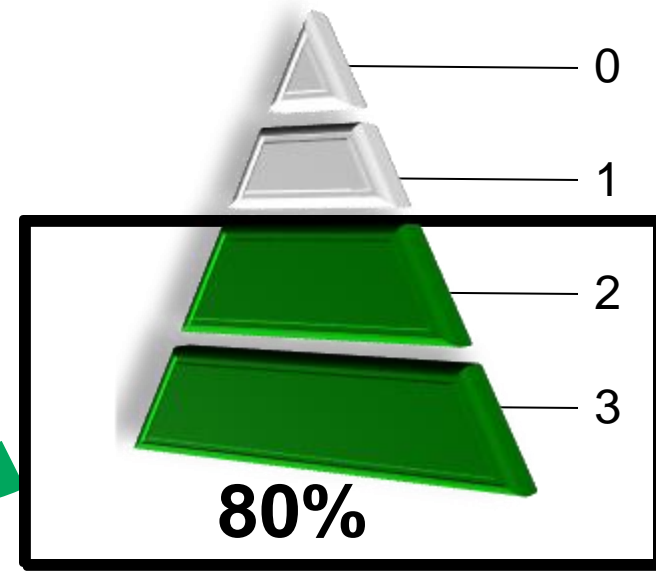
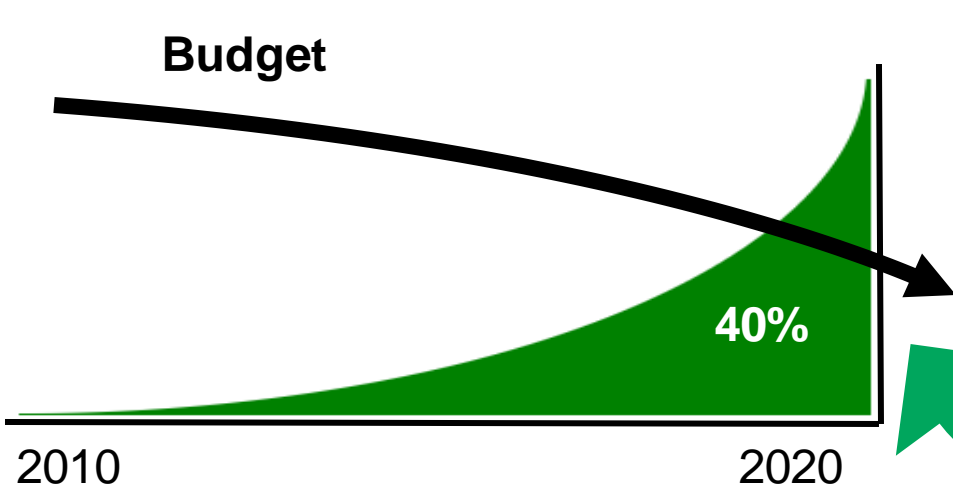


Social Data



Internet of Things Devices





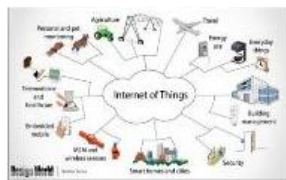
Increasing Resolutions



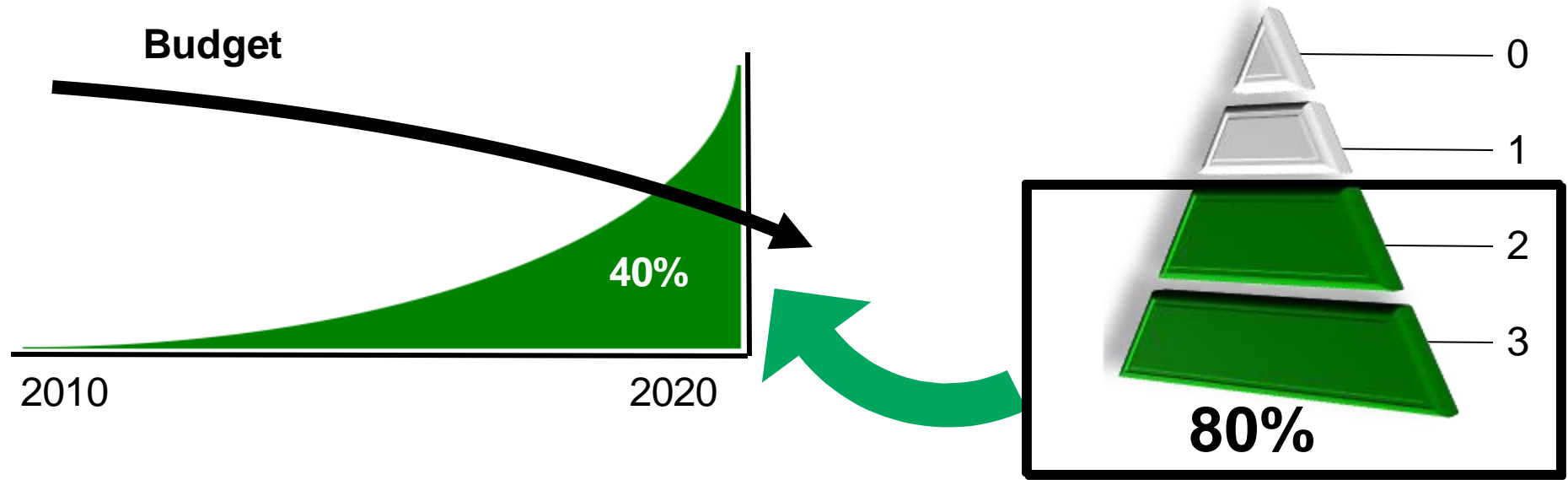
Exploding Mobile Usage



Social Data



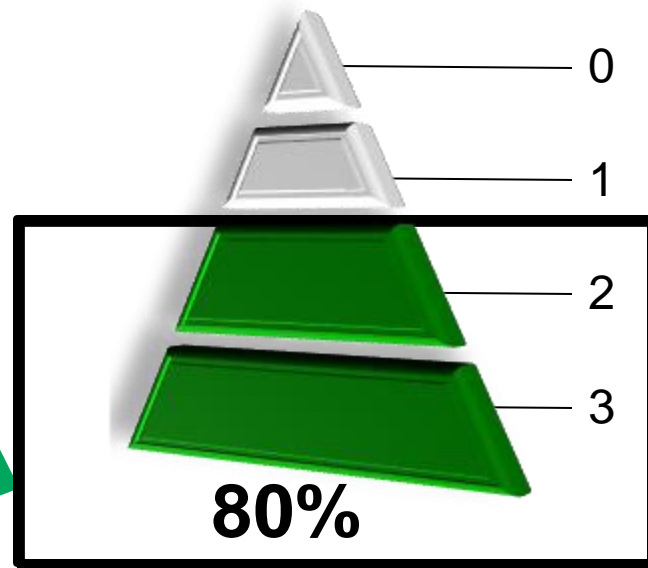
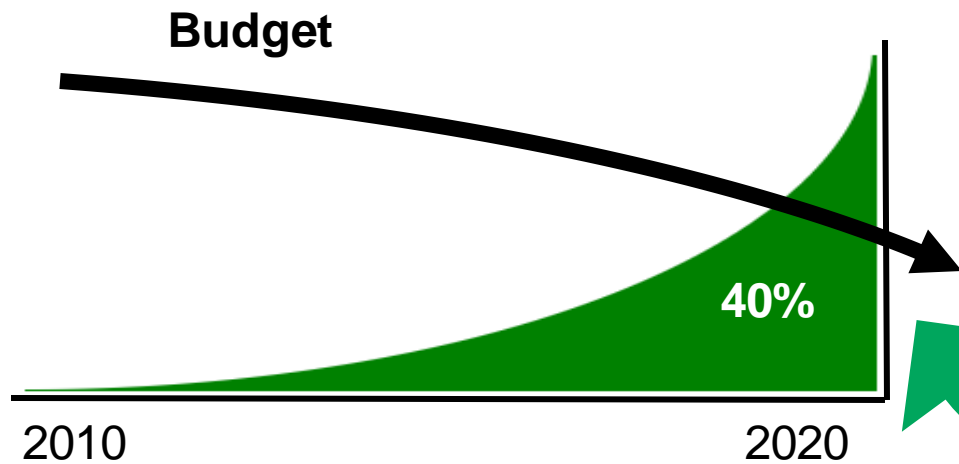
Internet of Things Devices



Proprietary Hardware and Software

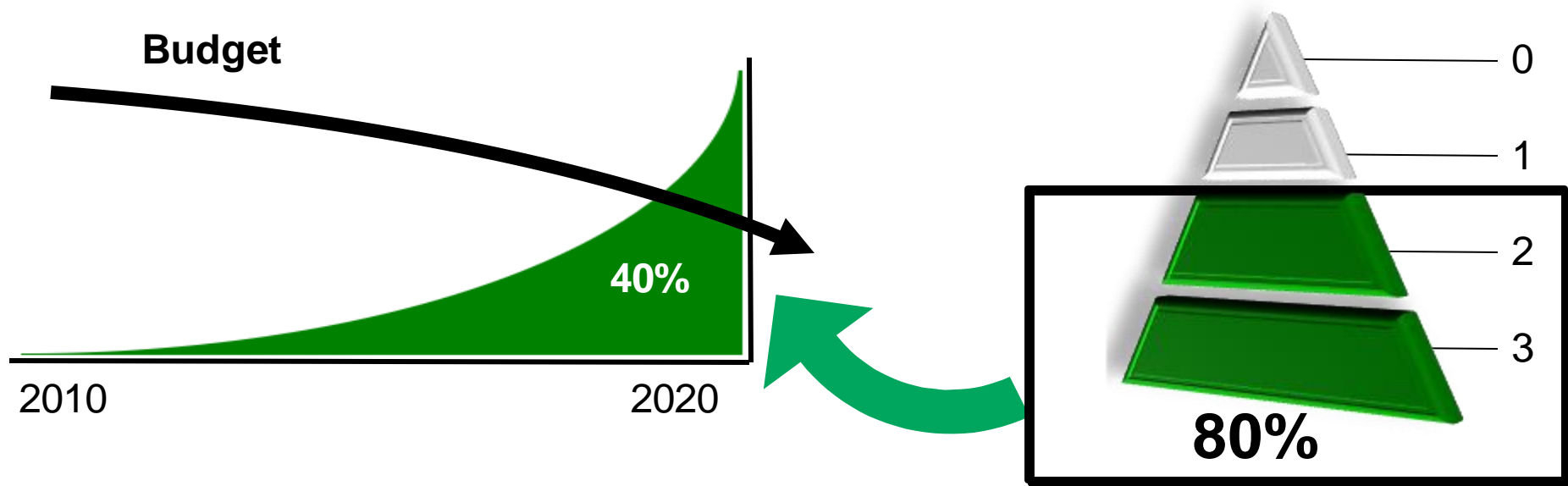
High cost to upgrade

Upgrades can impact performance and availability



Software Defined Storage





Software Defined Storage



Software Defined Storage



Commodity Hardware and Open Source Software

Scale Out

Upgrades increase performance and availability

Software Defined Storage



Storage costs reduction from 55% to 65%

But what is Software Defined Storage?

- Not just a simple separation from the hardware
- Grid computing intelligence
- Commodity hardware

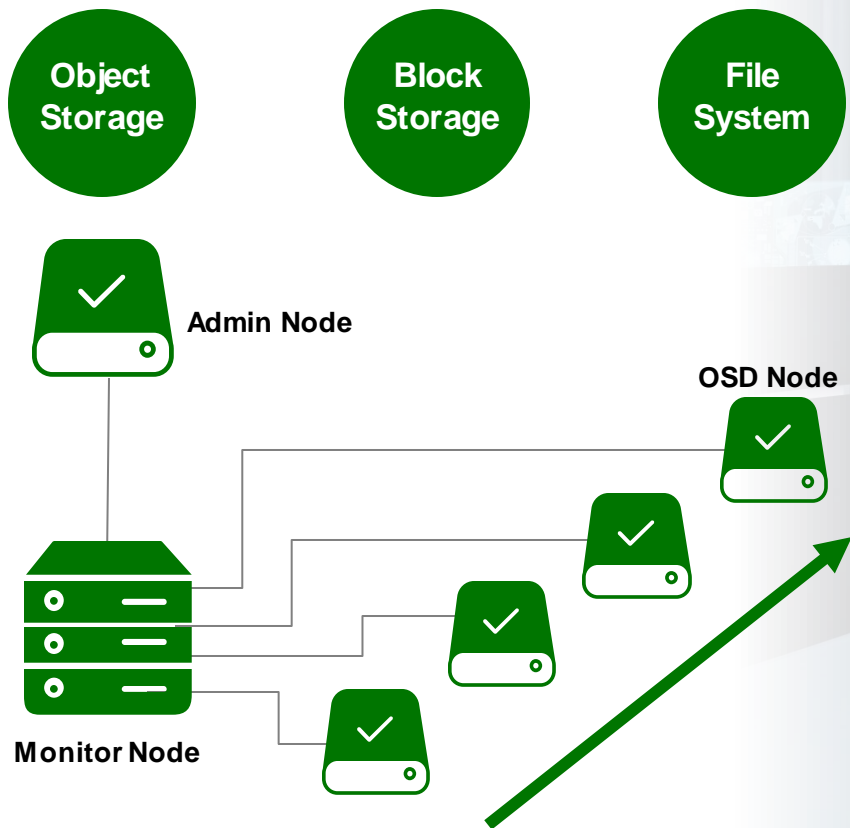


SUSE Enterprise Storage benefits

- **Scale Out Storage**
- **Multi-Protocol (Block, File and Object)**
- **High availability**
- **Great performance**
- **Cost reduction**
- **Self managed and Self healing**



SUSE Enterprise Storage

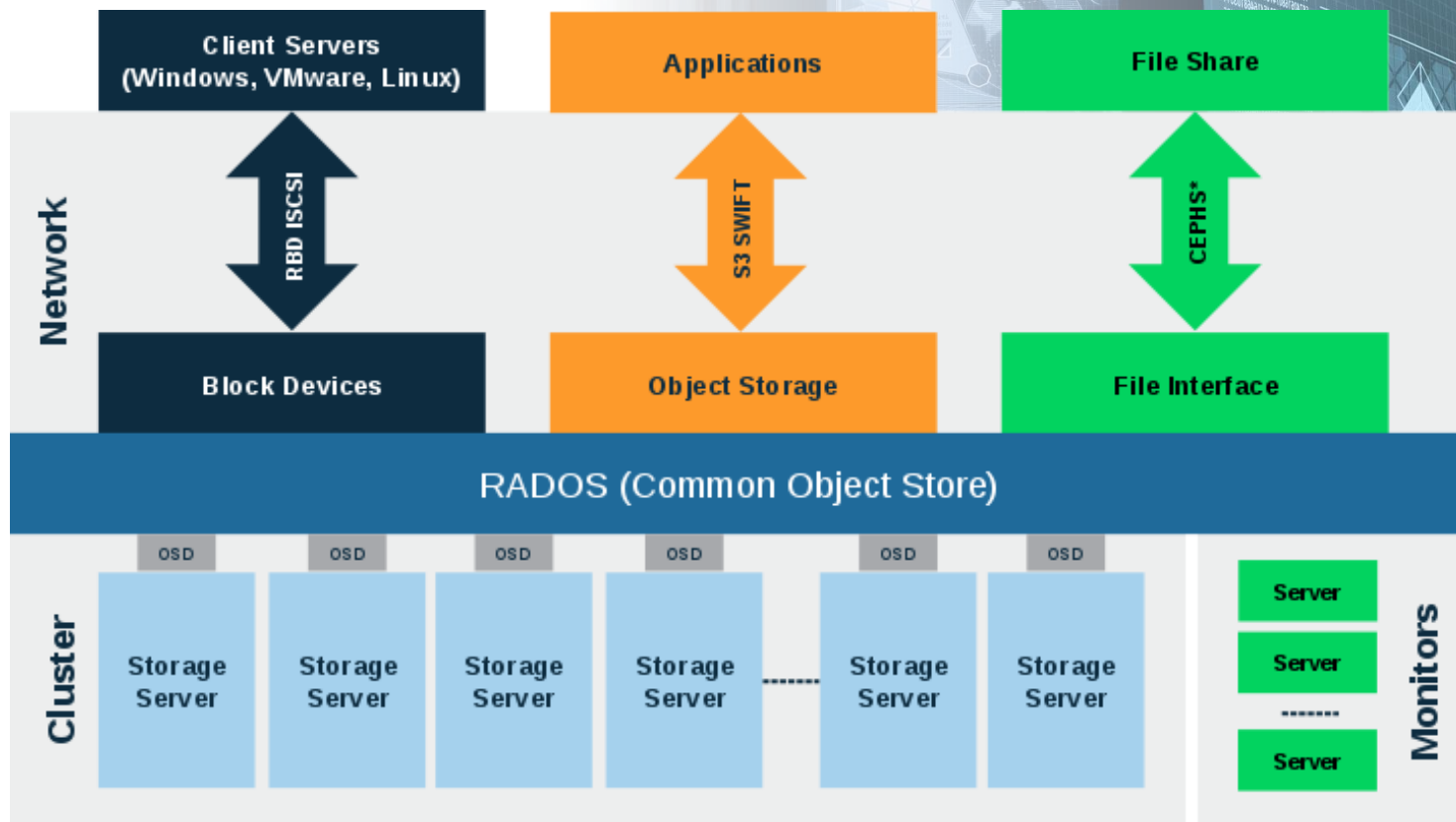


And it runs on commodity servers?

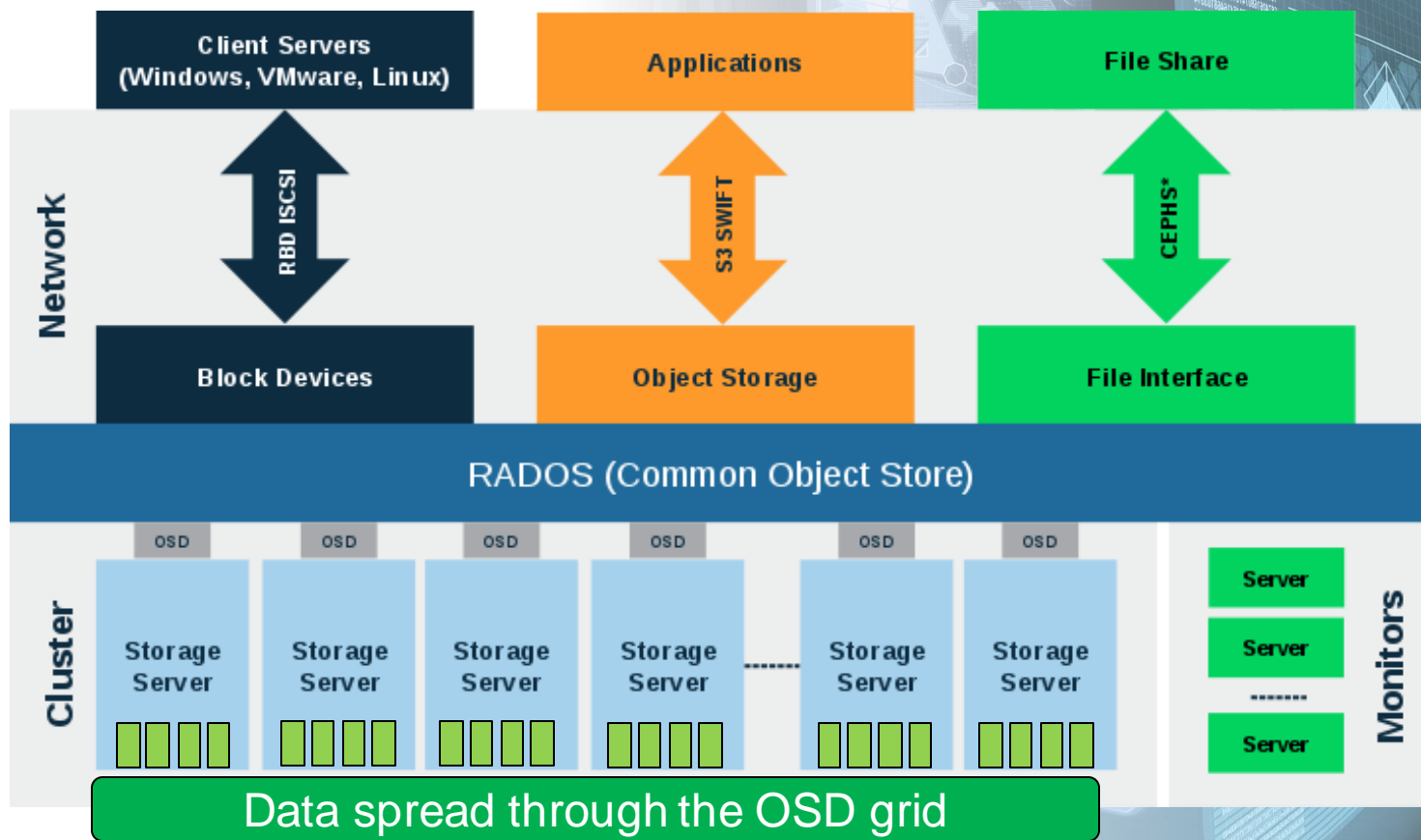
- Yes, the intelligence is on the software
- Due to the Hardware evolution, we now can rely on these commodity servers to run a Software Defined Storage solution
- There is no need to keep attached to the same hardware vendor



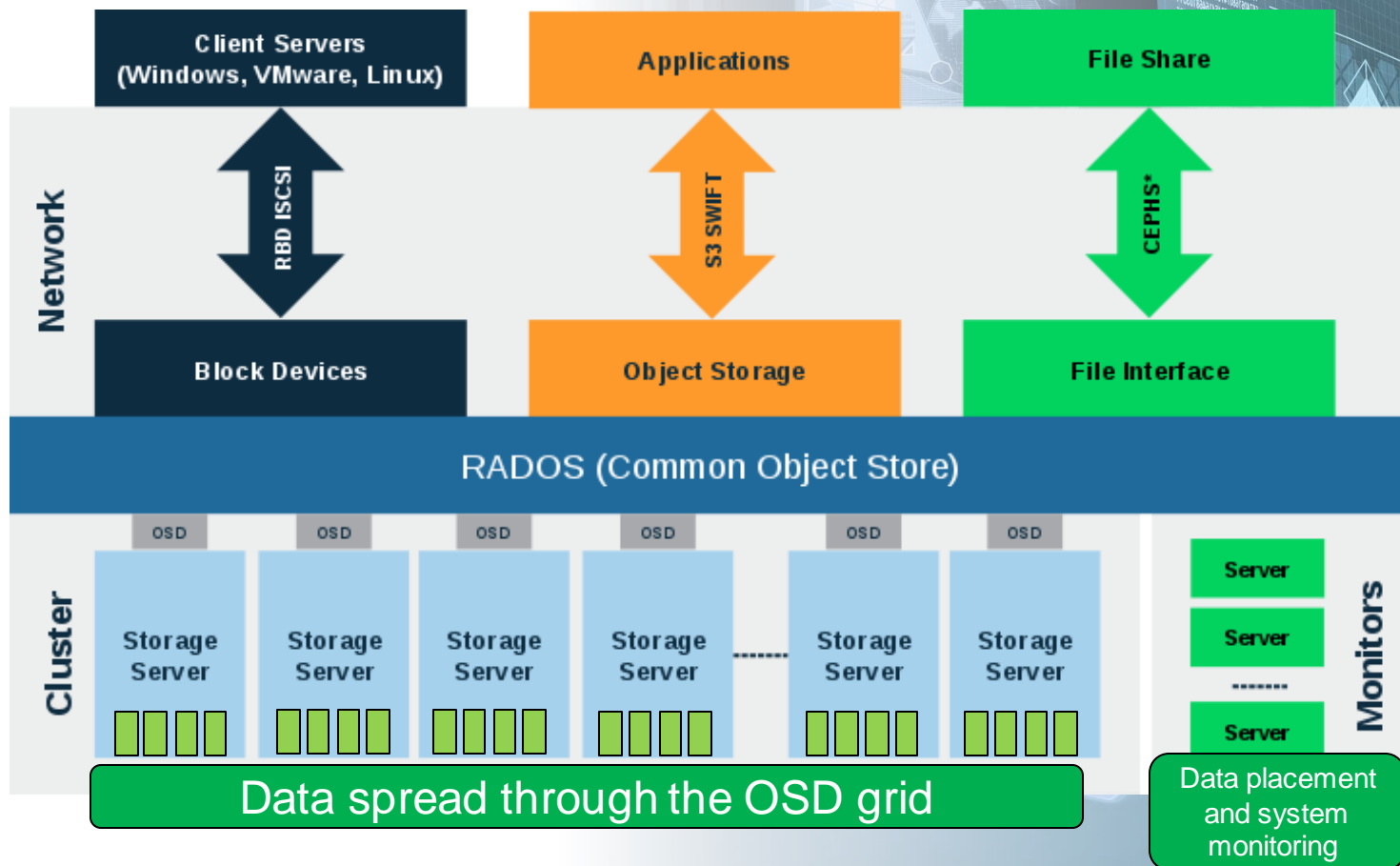
SUSE Enterprise Storage



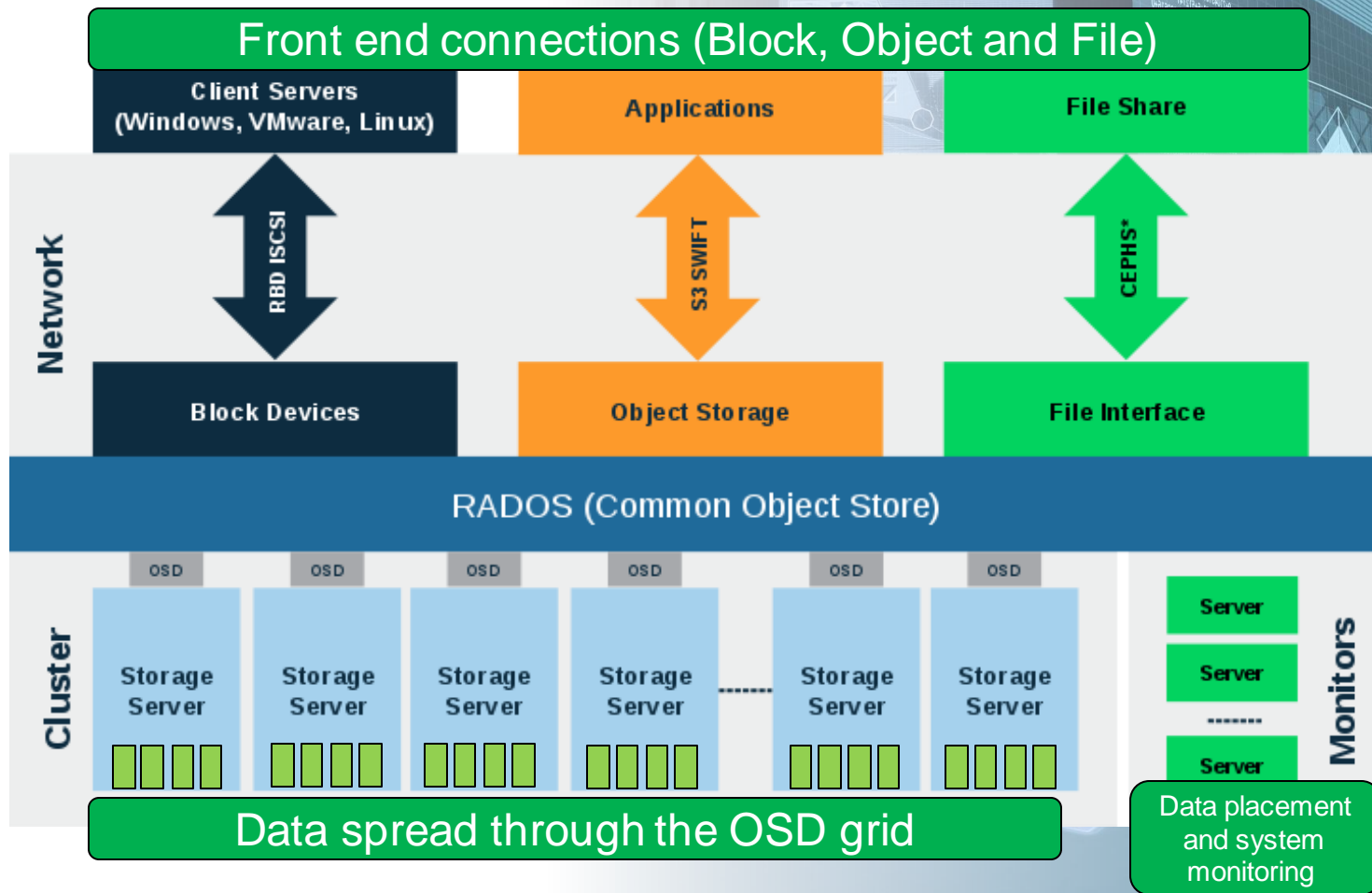
SUSE Enterprise Storage



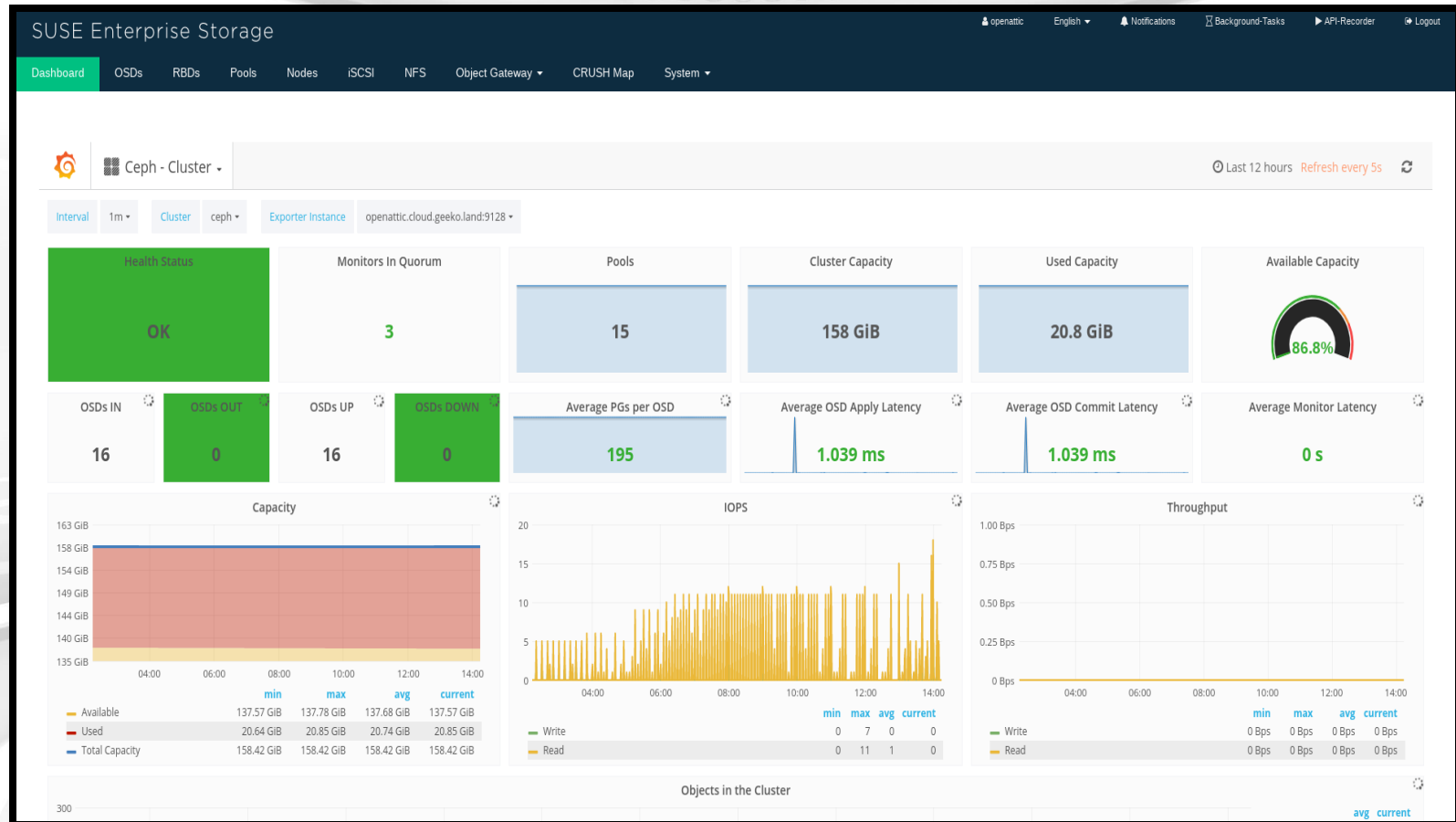
SUSE Enterprise Storage



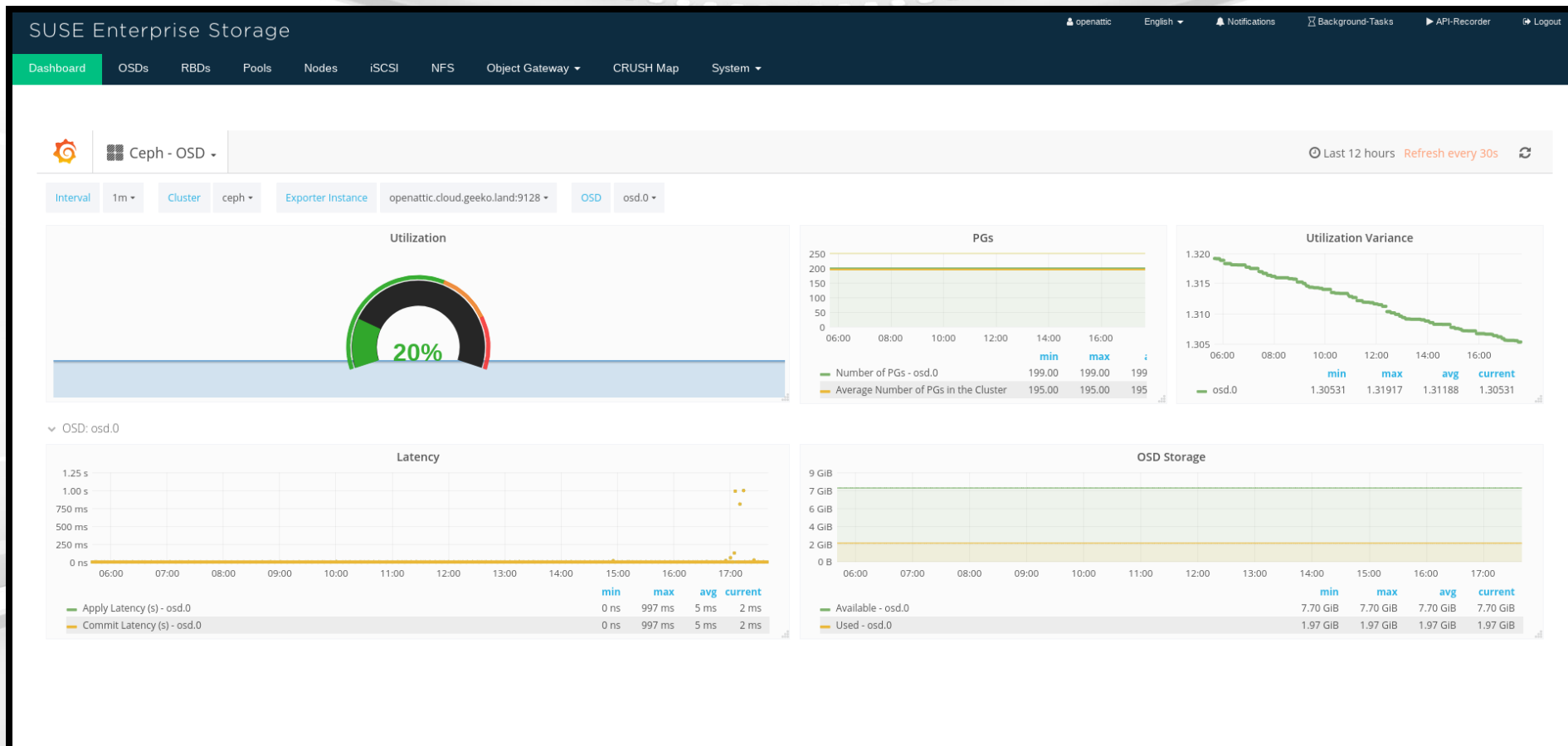
SUSE Enterprise Storage



SUSE Enterprise Storage – Gerenciamento



SUSE Enterprise Storage – Gerenciamento



SUSE Enterprise Storage

An intelligent software defined storage solution, powered by Ceph technology, that enables you to transform your enterprise storage infrastructure and reduce costs while providing unlimited scalability. The result is an affordable and easy-to-manage **Enterprise Storage Solution**.



SUSE Enterprise Storage Use Cases



Bulk Storage



Digital
Archiving



Film and
High Res
Pictures



Medical
Images



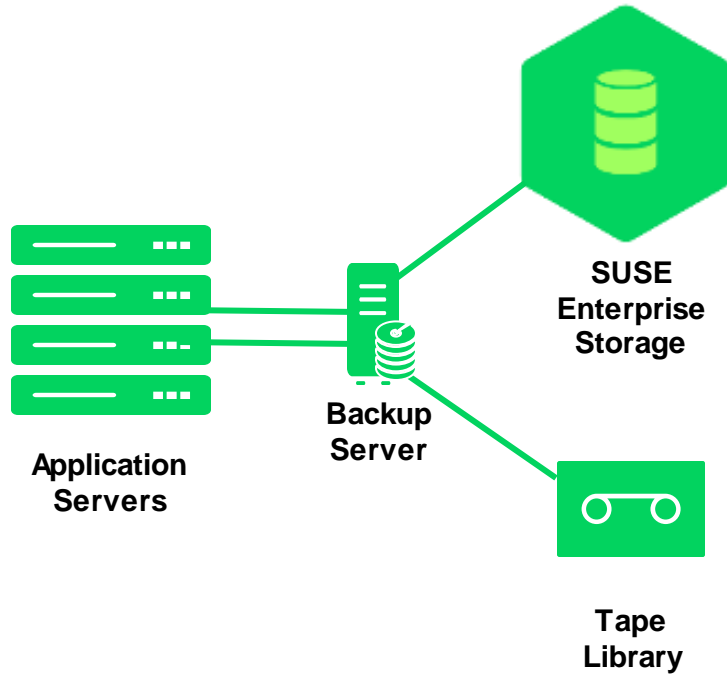
Virtual Machine
Storage



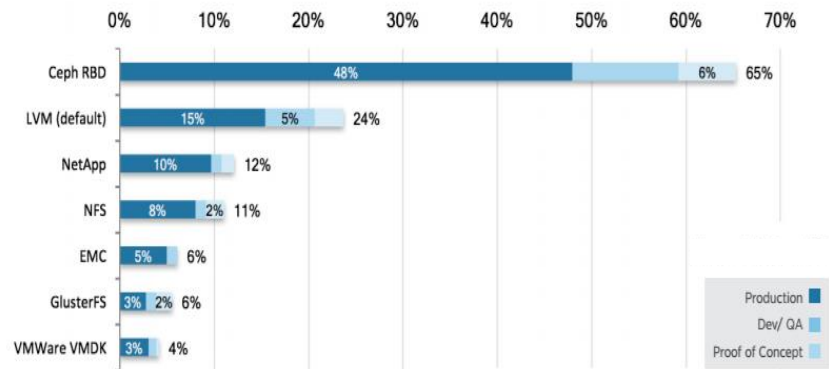
Video
Surveillance



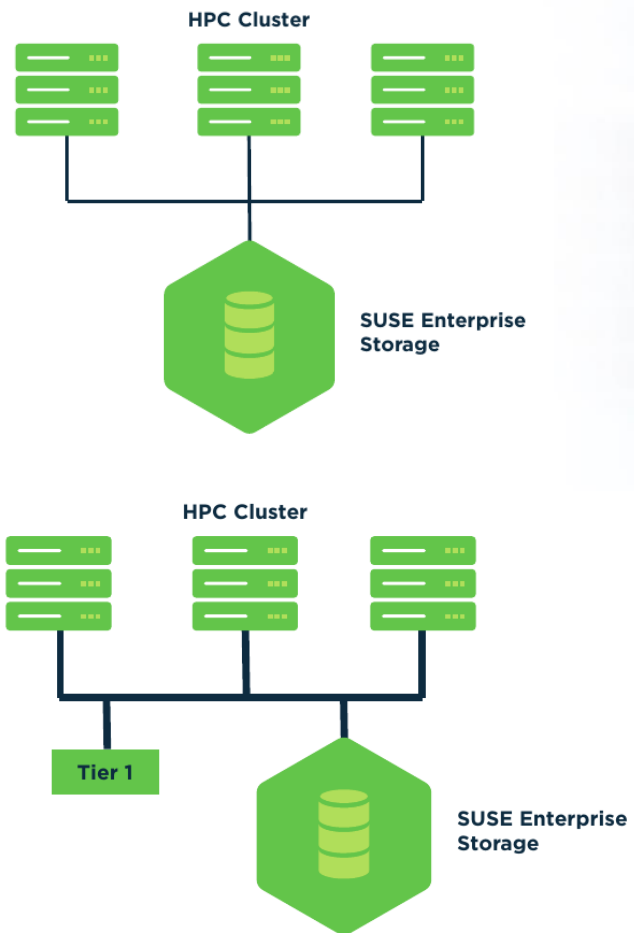
Backup to disk



Openstack Cloud



HPC Storage



The diagram illustrates the integration of Compute Nodes and SUSE Enterprise Storage for Big Data processing. On the left, four blue server icons represent Compute Nodes, with a large blue arrow pointing upwards. On the right, a green hexagonal icon with a database cylinder inside represents SUSE Enterprise Storage, with a large blue arrow pointing upwards. Two horizontal lines connect the Compute Nodes to the SUSE Enterprise Storage icon. To the right of the storage icon is a word cloud containing various terms related to big data and cloud computing, including HADOOP, BIG DATA, ANALYTICS, STORAGE, CLOUD, BUSINESS, and OPEN SOURCE.



