

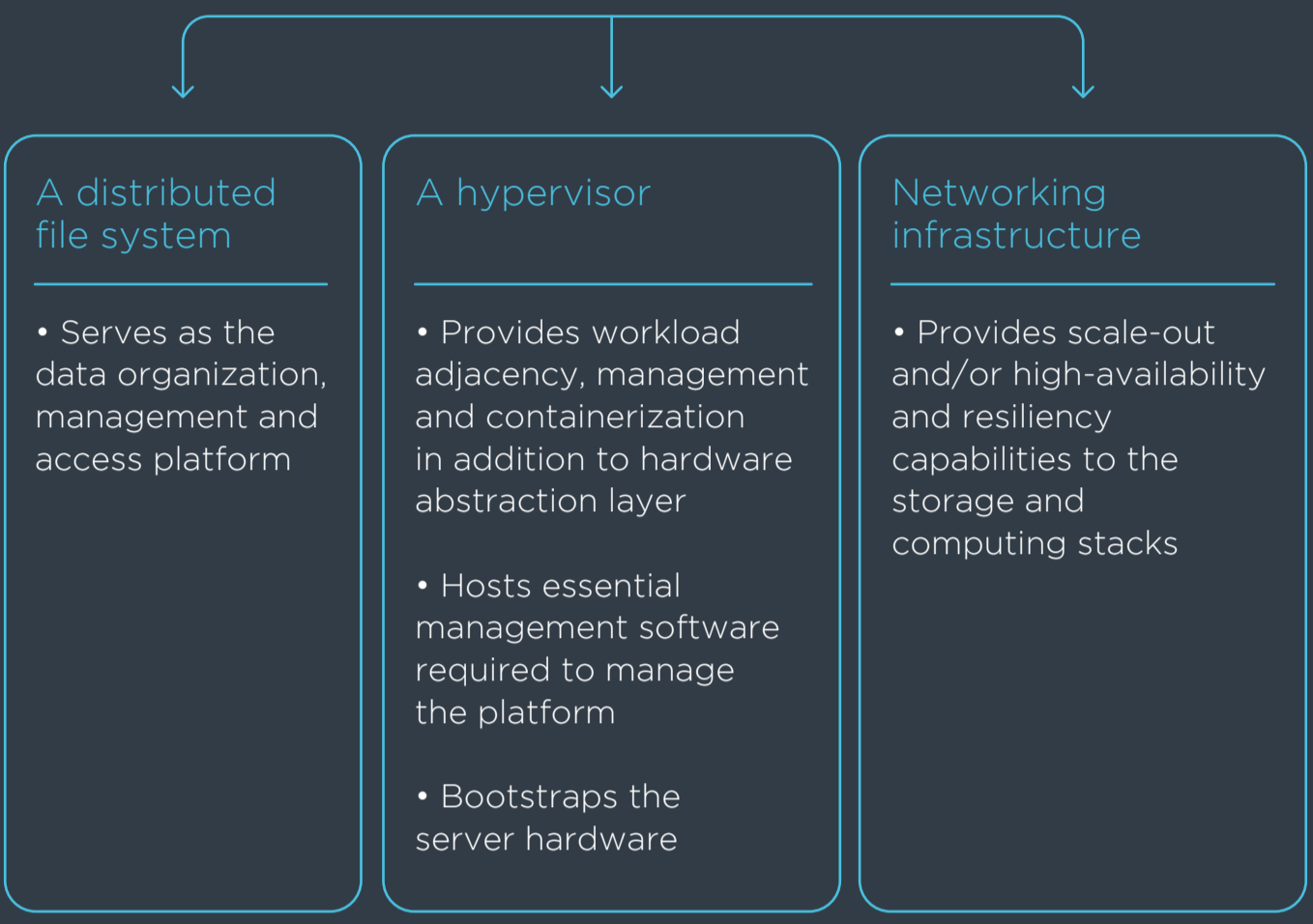
3 reasons why Hyperconverged is the cost-efficient, simplified infrastructure for the modern data center

Hyperconverged infrastructure (HCI) integrates technologies that span the functional areas of the data center: storage, compute and virtualization. This integration simplifies the existing IT infrastructure. The complexity of multiple generations and varieties of servers, operating systems, hypervisors and storage devices also increases costs and systems management tasks, challenging IT departments to focus on strategic business projects.

What is Hyperconverged?

Hyperconverged systems are an emerging breed of solutions that natively collapse core storage, compute, virtualization and networking functions into a single solution or appliance.

In addition to integrating, virtualization, storage and compute functions into a simple building block, all hyperconverged systems employ:



Advantages of a Hyperconverged Infrastructure:

1

Simplify IT infrastructure by integrating server, storage and virtualization in a centrally managed appliance with built-in predictive analytics

Simple deployment and rapid scalability

“Hyperconverged systems are modular, built with scale-out workloads in mind”*

- Allows IT resources to scale quickly as the number of business users ramps up

- Eliminates the up-front design and integration work necessary for large VDI deployments

Lower risks with highly available and redundant clusters

- Multinode deployment capabilities help in managing the risk of data loss and/or disaster

2

Reduce costs by implementing only what you need and then easily scale as required

Lower capex.

- Reduces the number of overall physical systems (both servers and storage) purchase upon first deployment.

- Lowers initial purchase costs with standard appliance building blocks.

- Greatly reduces costs and complexity around deployment and systems integration

Long-term opex

- Minimizes the day-to-day operations as management is done at the hypervisor level. This allows IT administrators to handle more virtual machines than with traditional shared storage solutions.

- Reduces the need for IT staff with specialized storage skills.

- With some hyperconverged systems, the time needed to manage storage can shrink from one to two hours per day to one to two hours per month.

“Systems can be deployed in less than two hours as opposed to weeks with traditional IT hardware”*

3

Increase reliability and productivity with trusted Nutanix software and industry-leading Lenovo enterprise systems

Reliability

- The Lenovo™ Converged HX Series Nutanix™ appliance - built on Lenovo's x86 server with a reputation for quality, reliability and security - provides maximum uptime.

IT productivity.

- Absolves IT staff from the obligation of daily management of application-related tasks.

- IT staff can spend more time exploring new ways to support the business and innovate.

“A new virtual machine (VM) can be provisioned in minutes as opposed to hours with traditional IT hardware/software”*

Do more with less:

Lenovo Converged HX series Nutanix appliance brings agility and scalability to your data center. It is designed to simplify every aspect of the IT infrastructure lifecycle, from procurement and deployment to management and support.



*http://www.lenovo.com/images/products/system-x/pdfs/white-papers/idc_why_lenovo_hyperconverged_wp.pdf

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