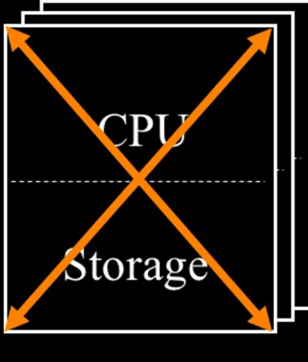



# HPE NIMBLE STORAGE dHCI REIMAGINING HCI TO TAKE IT FURTHER

## THE HYPERCONVERGED EXPERIENCE HAS MADE LIFE EASIER

|   |  |   |
|---|--|---|
| <p><b>Simple to Deploy</b></p> <p>Software-defined infrastructure abstracted from hardware</p> <p>Single pool of centrally orchestrated resources</p> | <p><b>Simple to Manage</b></p> <p>Unified management eliminates silos</p> <p>Policy-based automation removes manual work</p> | <p><b>Simple to Scale</b></p> <p>Start small and scale out in increments</p> <p>Easy to upgrade software and hardware</p> |
|---|--|---|

## BUT SIMPLICITY CAME AT A COST TO RELIABILITY AND EFFICIENCY Tradeoffs rooted in the architectural design of HCI

|  |  |   |
|--|--|---|
|  <p><b>Performance Penalty</b><br/>High, Variable Latency at Scale</p> |  <p><b>Business Risk Impact</b><br/>No Data and No App with Failure</p> |  <p><b>Wasted Resources</b><br/>Linear, Fixed Scaling</p> |
|--|--|---|

## Need to re-think the HCI architecture.

Introducing HCI 2.0

# HPE Nimble Storage dHCI

HCI Without Limitations



**Intelligently Simple**      **Absolutely Resilient**      **Efficiently Scalable**

## DHCI IS MADE TO DO MORE THAN TRADITIONAL HCI

|  |   |  |
|--|---|--|
| <p><b>10X</b><br/>Faster Application Performance</p> | <p><b>4X</b><br/>More Reliable for Business-Critical Apps</p> | <p><b>5X</b><br/>More Efficient for Better Economics</p> |
|--|---|--|

Note: Compares Dell EMC VxRail vs HPE Nimble Storage dHCI using 100TB effective capacity, ability to withstand a minimum of 2 drive failures, and triple mirroring.

## HYPERCONVERGED EXPERIENCE FROM INSTALL TO UPGRADE

|  |  |
|--|--|
| <p><b>Simple to deploy</b><br/>15-minute rack-to-apps with server and storage automation</p>             | <p><b>Simple to manage</b><br/>VM-centric data services and resource management</p>      |
| <p><b>Simple to scale and upgrade</b><br/>Auto discovers new resources and 1-click software upgrades</p> | <p><b>Simple to support</b><br/>Predictive support automation and problem prevention</p> |

## SIMPLE FOR ANYONE TO MANAGE FULL-STACK INFRASTRUCTURE

**Software-Defined**

Compute and storage abstracted and managed through VMware vCenter

**Auto-Discovery**

New compute and storage resources easily add to the cluster

**Virtual Volumes**

LUN provisioning completely abstracted from admin



**Policy-Based Automation**

VM-centric snapshots, clones and recovery and data protection

**Integrated Planning**

Predictive full-stack wellness and resource optimization

**One-Click Upgrades**

Simplified lifecycle management with single-click, non-disruptive software upgrades

**Enterprise capabilities without the complexity**

For more information on HPE Nimble dHCI, contact us today.