

**Solution Brief**

**Drive IT Agility with  
Next-Gen HCI from  
Logicalis and HPE**



**Scale storage and compute independently, flexibly, and at your own pace with HCI 2.0**



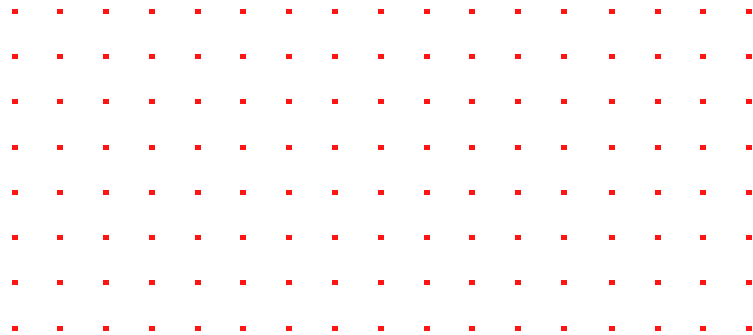
To stay competitive in today's evolving and oftentimes uncertain business landscape, enterprises must proactively drive digital transformation and innovation.

One popular solution for supporting that transformation has been hyper-converged infrastructure (HCI), which combines server and storage resources with intelligent software in a single node.

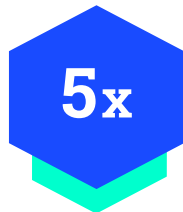
Rather than managing servers, network, and storage separately, HCI allows companies to simply add new nodes, enabling them to deliver new applications and services quickly and securely. However, purchasing new nodes can result in overprovisioning of resources. Another problem is that recovery from node failures can take a long time, which becomes particularly challenging when hosting mission-critical workloads on HCI.

HCI, in short, offers the scalability and simplicity IT departments need to streamline infrastructure deployment, management, and upgrades, but traditional HCI lacks the resilience and configuration agility needed to effectively manage provisioning and costs.

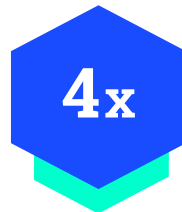
Fortunately, HPE has introduced an evolution to HCI that fixes many of these limitations.



**Lower Latency**  
Accelerate every application<sup>1</sup>



**More Efficient**  
Optimize and scale only what you need<sup>1</sup>



**More Resilient**  
Maximum resiliency, zero tuning<sup>1</sup>



**Data Availability**  
Run worry-free, without disruptions<sup>1</sup>

<sup>1</sup> [hpe.com/us/en/solutions/hyperconverged-infrastructure-2.html](https://hpe.com/us/en/solutions/hyperconverged-infrastructure-2.html)

## Scale Your Storage and Compute

### Your Way with HCI 2.0

HCI 2.0 from HPE addresses these deficits with a new, disaggregated architecture that delivers the same unified management and VM-centric operations experience while improving availability, performance, and scalability.

Built upon HPE Nimble Storage, HCI 2.0 escapes the shortcomings of traditional HCI with unprecedented flexibility and efficiency of resource utilization, enabling organizations to reduce costs as they grow. Designed with business-critical applications and mixed workloads in mind, HCI 2.0 delivers higher availability, faster performance, and flexible scaling – as well as simple deployment, management, provisioning, and support.



#### Simple to Deploy

15 minutes rack-to-apps with server and storage automation



#### Simple to Manage

VM-centric data services and resource management



#### Simple to Scale

Auto-discovers new resources and transparently upgrades



#### Simple to Support

Predictive support automation and problem prevention



#### Always-on Availability

Guaranteed 6-nines storage availability<sup>2</sup>



#### Sub-Milliseconds Latency

As low as 200 microseconds data response time with HPE Nimble Storage All-Flash<sup>3</sup>



#### Fault Tolerant

No single point of failure, hardware redundancies with the ability to tolerate three simultaneous drive failures



#### Built-in Data Protection

Backup more frequently and recover faster with application-consistent snapshots and advances replication



#### Integrated Encryption

Application-level encryption and secure data shredding

<sup>2</sup> "HPE Get 6-Nines Guarantee," HPE Nimble Storage, September 2017.

<sup>3</sup> "Top 5 reasons to consider HPE Nimble Storage dHCI," February 2020.

## Break Beyond the Boundaries of Your Infrastructure with Logicalis and HPE

With HCI 2.0, you can upgrade your IT environment with breakthrough infrastructure and experience new levels of IT agility, resilience, and performance. Power any workload you need, at any scale, and stop worrying about overprovisioning, cost overruns, or extended recovery times.

Logicalis is ready to help you take the next step — our Professional, Managed Services, and HPE teams have the expertise and experience to help you design, deploy, manage, and maintain a fully custom HCI 2.0 implementation.

To find out how we can help you take the next step with HCI 2.0, schedule a free executive briefing today.

**Schedule Your Free Executive Briefing**  
[logicalis-hub.com/hpe](https://logicalis-hub.com/hpe)

