



# HPE STORAGE SUBSTANTIATION

Primary claim for HPE Primera	Substantiation
<b>HPE delivers the world's most intelligent storage for mission-critical apps</b>	Note this claim is subjective. The following is the evidence and/or reasoning that supports our view, as well as the internal research that shows certain customer outcomes that demonstrate how our storage products are most intelligent for mission-critical apps.
Supporting claims for HPE Primera	Substantiation
<b>Up to 93% reduction in time spent to deploy, manage, and scale storage</b>	Based on HPE internal testing of HPE 3PAR vs. HPE Primera.
<b>100% availability guaranteed</b>	HPE Brochure: <a href="#">HPE 100% Availability Guarantee</a> , June 2019.
<b>Up to 1.5M IOPS</b>	Based on HPE internal testing.
<b>Up to 44 GB/s</b>	Based on HPE internal testing.
<b>Up to 115% faster performance</b>	Based on HPE internal testing in an Oracle environment at baseline of HPE 3PAR vs. HPE Primera.
<b>Up to 122% faster performance</b>	Based on HPE internal testing in an Oracle environment at baseline 346K using prerelease firmware, compared to HPE 3PAR, April 2019.
<b>Up to 233% change in throughput</b>	Based on HPE internal testing of HPE 3PAR vs. HPE Primera.
<b>Accelerate DevOps with 1-click cloning of SQL or Oracle databases</b>	Based on internal testing, comparing traditional cloning to cloning with HPE Recovery Manager Central, April 2019.
Primary claim for HPE 3PAR and HPE Nimble Storage	Substantiation
<b>HPE delivers the world's most intelligent storage</b>	Note this claim is subjective. The following is the evidence and/or reasoning that supports our view, as well as the internal research that shows certain customer outcomes that demonstrate how our storage products are most intelligent. <a href="#">Brochure: HPE InfoSight—Artificial intelligence for autonomous infrastructure</a> , February 2020.
Primary claim for HPE Nimble Storage dHCI	Substantiation
<b>HPE Nimble Storage dHCI is the industry's only disaggregated HCI powered by artificial intelligence.</b>	Note this claim is subjective. The following is the evidence and/or reasoning that supports our view, as well as the internal research and external opinion that demonstrate the point of view. <a href="#">HPE Nimble Storage dHCI—Extending the Hyperconverged Experience to Workloads with Unpredictable Growth, Technical Validation by ESG</a> , June 2019. <a href="#">HPE Solution Brief</a> , August 2020.
<b>HPE Nimble Storage dHCI is made to do more than other traditional HCI and delivers a better HCI experience without any of the tradeoffs providing 10X faster application performance, 4X more reliability for business-critical applications, and 5X more efficient for better economics.</b>	Based on HPE internal testing and comparing Dell EMC VxRail versus HPE Nimble Storage dHCI with 100 TB effective capacity, ability to withstand a minimum of two drive failures, and triple mirroring.
<b>HPE Nimble Storage dHCI works for any virtual machine</b>	HPE Nimble Storage dHCI does not have technical restrictions on the virtual machine it can support. <a href="#">HPE Nimble Storage QuickSpecs</a> , <a href="#">HPE Nimble Storage dHCI QuickSpecs</a> .
<b>Apps and data can move freely across all clouds</b>	HPE Cloud Volumes enables bidirectional data mobility between HPE Nimble Storage dHCI and the public cloud. HPE does not charge any egress fees when restoring data from HPE Cloud Volumes on-premises. HPE Cloud Volumes customers can also leverage Amazon Web Services, Google™ Cloud Platform, and Microsoft Azure simultaneously without any lock-in.

## Claim substantiation

### Supporting claims for HPE InfoSight (for HPE 3PAR, HPE Nimble Storage, and HPE SimpliVity)

	Substantiation
<b>Most advanced AI for infrastructure</b>	Brochure: <a href="#">HPE InfoSight—Artificial Intelligence for autonomous infrastructure</a> , February 2020
<b>1250 trillion data points collected by HPE InfoSight</b>	Based on the number of data points collected and processed since 2011 from HPE Nimble Storage and HPE 3PAR Storage arrays.
<b>1.58 million hours saved in P1 cases resolved</b>	Based on the volume of critical issues proactively resolved for customers. Analyst White Paper by ESG: <a href="#">Assessing the Financial Impact of HPE Nimble Storage Powered by HPE InfoSight</a> , May 2019.
<b>86% issues automatically opened and resolved</b>	HPE Business White Paper: <a href="#">Redefining the standard for system availability</a> , August 2017.
<b>99.9999% guaranteed availability</b>	Brochure: <a href="#">HPE Get 6-Nines Guarantee</a> , September 2017.
<b>79% lower storage operational expenses</b>	Analyst White Paper by ESG: <a href="#">Assessing the Financial Impact of HPE Nimble Storage Powered by HPE InfoSight</a> , May 2019.
<b>54% of problems resolved are outside of storage</b>	Based on an internal study of <a href="#">HPE Nimble Storage installed base</a> , August 2017.
<b>No Level 1 or 2 support; Level 3 response in &lt; 1 minute on average</b>	Analyst White Paper by ESG: <a href="#">Assessing the Financial Impact of HPE Nimble Storage Powered by HPE InfoSight</a> , May 2019.
<b>Infrastructure gets smarter and self-improves with increased installed base and decrease in customer-involved cases</b>	<a href="#">More Than 10,000 Enterprises Adopt Nimble Storage Predictive Flash Platform</a> , Nimble Storage (now Hewlett Packard Enterprise), Marketwired, February 2017.
<b>AI-driven automation delivers up to 85% improvement in IT efficiency</b>	Analyst White Paper by ESG: <a href="#">Assessing the Financial Impact of HPE Nimble Storage Powered by HPE InfoSight</a> , May 2019.
<ul style="list-style-type: none"><li>• <b>79% lower storage operational expenses</b></li><li>• <b>73% fewer trouble tickets in the environment</b></li><li>• <b>85% less time spent resolving storage-related trouble tickets</b></li><li>• <b>69% faster time to resolution for events that necessitate Level 3 support</b></li></ul>	Analyst White Paper by ESG: <a href="#">Assessing the Financial Impact of HPE Nimble Storage Powered by HPE InfoSight</a> , May 2019.

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