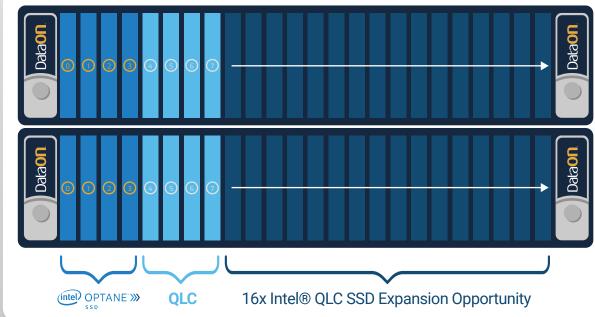
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Microsoft Azure Stack HCI 2-Node Solution with Intel SSD Technologies





Let's look at a DataON HCI-224 two-node cluster

This one features a unique mix of storage. Intel® Optane[™] SSD DC P4800X in the front end Intel® SSD D5-P4326 15.36TB QLC 3D NAND to create a system that optimizes capacity, performance and cost.

Two-node cluster drive failure and server failure

SOLUTION

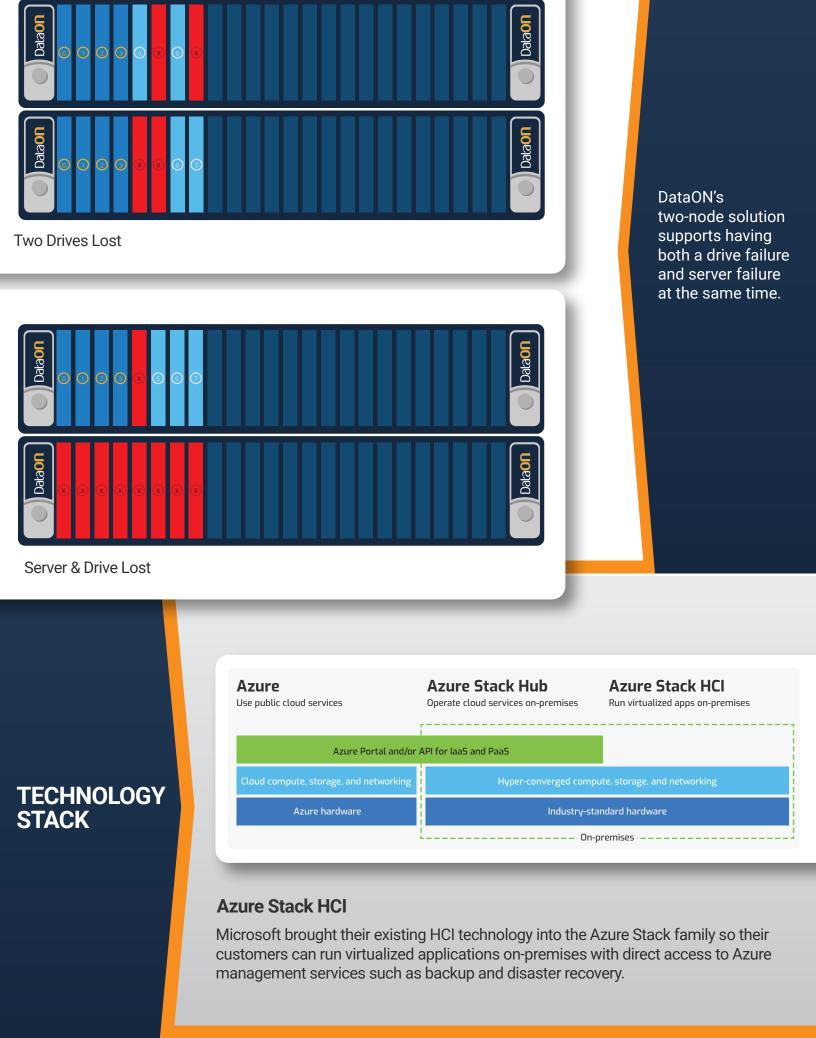
Two 2U Nodes

P4800X SSDs

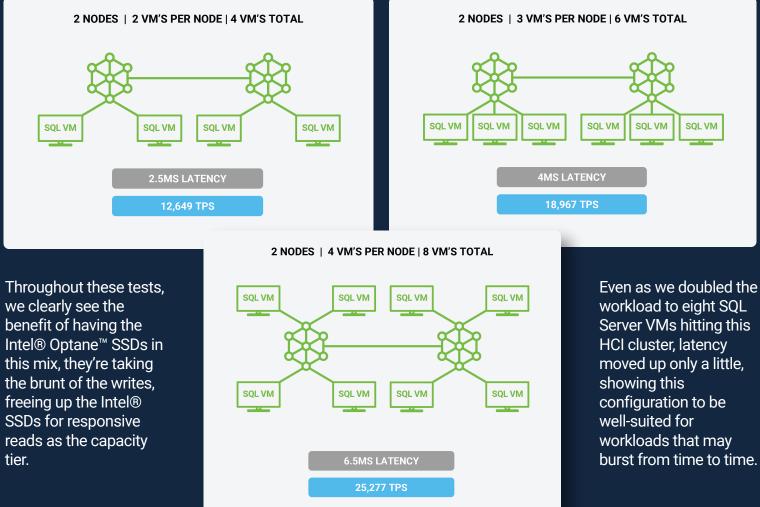
SSDs

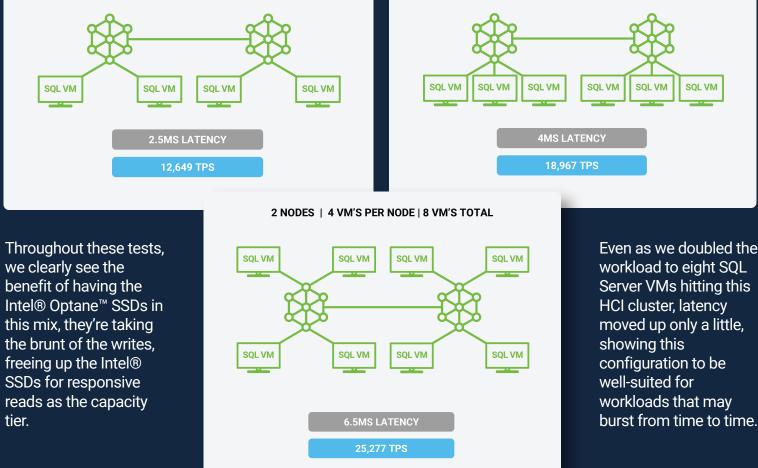
Four Intel® Optane[™]

Four Intel® D3-P4326



Efficiently scales for edge applications





burst from time to time.

For this project, we ran a series of SQL tests on the system to illustrate the performance workloads that are commonly found in edge and SMB use cases. Our goal was to understand how effectively Microsoft Azure Stack HCI in this DataON cluster was able to leverage hardware to bring about the desired results. Specifically, this means providing a solution that offers a rare combination of performance and value.

CONCLUSION

Overall, the DataON K2N-224 two-node HCI cluster with Intel® Optane[™] SSDs and Intel D5-P4326 QLC SSDs was simple to deploy, easy to use, and powerful enough for a wide range of workloads. Its price point also makes it available to a wide swath of users. On top of that, this solution has been validated with Azure Stack HCI, certified for Windows Server 2019, and validated as an Intel Select Solution.

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This report is sponsored by DataON. All views and opinions expressed in this report are based on our unbiased view of the product(s) under consideration.

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