

A 1D lattice with 10 sites. The first 6 sites are occupied by particles (black dots), and the last 4 sites are empty.

[illegible]

000000 0000 00 0 000000 0000000000 00000 0 000000 00000 00 0000000 (HCI) 0000000000000000 0000000000 0000000  
 0000000 000 000000 000000 HCI 00 000000 .000 (SDI) 0000000000 00 000000 00000000 00000000 000000 000000  
 000 HCI 0000000000 0000 00 00 .000 00000000 0000 000 000000 SDI 00 000 00000 0000000000 00000 0 00000  
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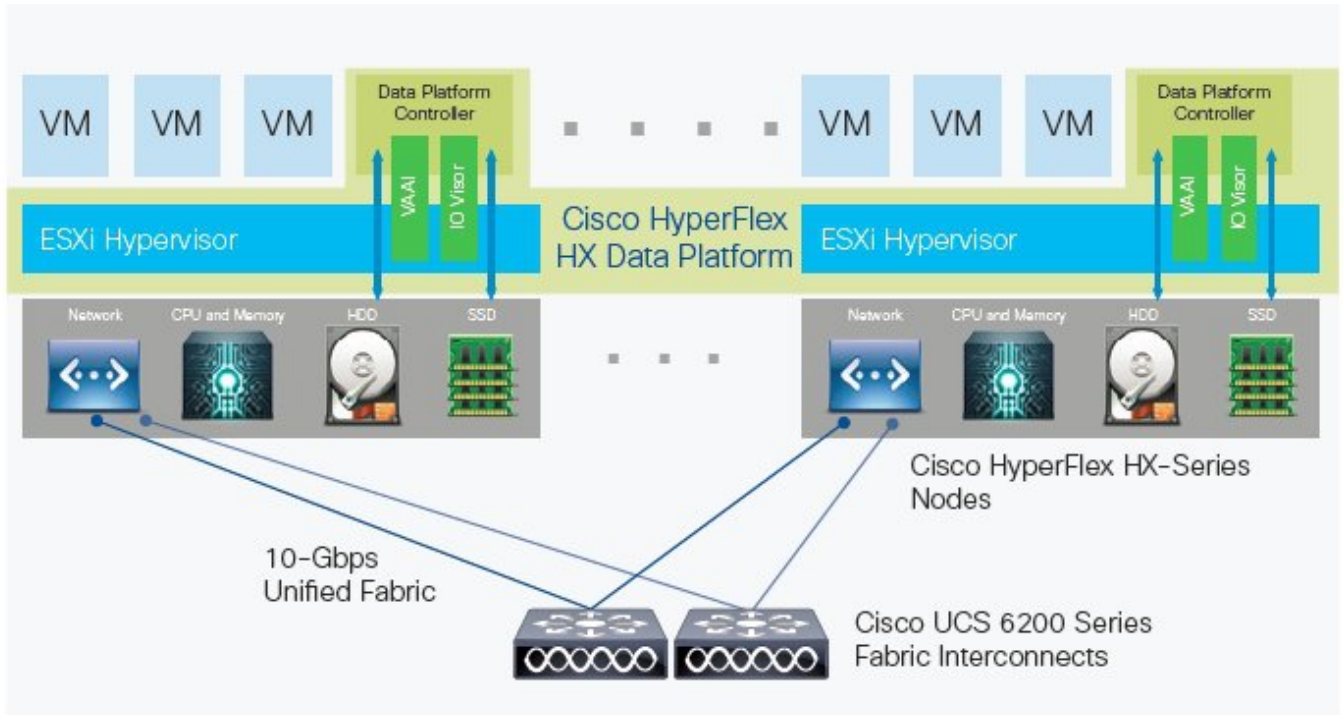
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## HyperFlex : 10000 100000

1. **HyperFlex HX-Series** : 2-Node configuration with 2x Intel Xeon E5-2680 v4 processors, 64GB DDR4 memory, and 2x 10TB SATA HDDs. Includes HyperFlex software license.



000000 0 UCS 00 000000 000000 000000 000000 000000 0000 000000 00 0000 0000000000 000000  
 HDD 0 SSD 00000000 HX Data Platform (3 000) .000 HX Data Platform 000000 000000 0000 0000000000  
 .0000000000 0000 000 0 00000000 0000 000000 0000 000000 00 00000000 00



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## HPE: SimpliVity

SimpliVity is a hyper-converged infrastructure (HCI) solution from HPE. It is designed to simplify the management of IT environments by integrating compute, storage, and networking into a single, unified platform. SimpliVity is built on a software-defined architecture that allows for flexible scaling and deployment. It supports a wide range of workloads, including virtual machines, containers, and applications. SimpliVity is designed to be easy to deploy and manage, with a focus on reducing complexity and improving efficiency. It is a key component of HPE's Hyperconverged Infrastructure (HCI) portfolio.

## VxRail by Dell: VxRail 4.5

VxRail 4.5 is a hyper-converged infrastructure (HCI) solution from Dell. It is designed to simplify the management of IT environments by integrating compute, storage, and networking into a single, unified platform. VxRail 4.5 is built on a software-defined architecture that allows for flexible scaling and deployment. It supports a wide range of workloads, including virtual machines, containers, and applications. VxRail 4.5 is designed to be easy to deploy and manage, with a focus on reducing complexity and improving efficiency. It is a key component of Dell's Hyperconverged Infrastructure (HCI) portfolio.



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## Nutanix

Acropolis Operating System Nutanix . 5.1

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HCI . HCI

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<http://www.datacenterknowledge.com/hyper-convergence/compared-top-hyper-converged-infrastructure-solutions-2017-edition>

<https://www.networkworld.com/article/3207567/storage/what-is-hyperconvergence.html>

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<https://www.shabakeh-mag.com/networking-technology/11752/hyperconvergence-%DA%86%D8%B%8C%D8%B3%D8%AA-%D9%88-%DA%86%DA%AF%D9%88%D9%86%D9%87-%D8%A8%D9%87-%DB%8C%D8%A7%D8%B1%DB%8C-%D9%85%D8%B1%D8%A7%DA%A9%D8%B2-%D8%AF%D8%A7%D8%AF%D9%87%E2%80%8C-%D9%85%DB%8C%E2%80%8C%D8%A2%DB%8C%D8%AF%D8%9F>:□□□□