

## VersaStack Solution

### Converged infrastructure solution delivering IT simplicity and quick time to value

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#### Highlights

- Simplicity of converged server, storage and networking
  - Streamline operations and increase productivity
  - Help recoup upfront investments with lower TCO
  - Ideal for hybrid cloud, cognitive and virtualized workloads
  - All-flash or hybrid storage solutions with Cisco UCS
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VersaStack is a converged infrastructure solution of network, compute and storage designed for quick deployment and rapid time to value. The solution includes Cisco UCS integrated infrastructure together with IBM software-defined storage solutions to deliver extraordinary levels of agility and efficiency. VersaStack is backed by Cisco Validated Designs and IBM Redbooks application guides for faster infrastructure delivery as well as workload/application deployment.

Designed for dynamic organizations that want to accelerate business growth while reducing costs, VersaStack incorporates IBM all-flash as well as hybrid storage technologies into the “single pane of glass” management environment provided by Cisco UCS Director. The solution offers quick deployment and execution of business applications—with the versatility to adapt as business priorities change. Providing an IT infrastructure that is easy, efficient and versatile, VersaStack helps accelerate data center infrastructure deployment and helps efficiently manage information and resources amid business change.

VersaStack integrates network, compute and storage. On the network and compute side, VersaStack solutions leverage the power of Cisco UCS integrated infrastructure, including the cutting-edge Cisco UCS and the consolidated Cisco UCS Director management interface delivering simple, integrated management. On the storage side, IBM offers storage solutions for VersaStack based on IBM Spectrum Virtualize technologies.

IBM Spectrum Virtualize-based storage solutions deliver virtualization capabilities such as storage pooling and support for over 500 different storage systems from wide variety of vendors. They also feature IBM Easy Tier automated tiering, IBM Real-time Compression—enabling data storing up to five times as much data for even the most demanding applications—and data security with encryption for all pooled storage. IBM software and storage solutions deliver a broad spectrum of options that can be sized appropriately to customers' requirements.

All of the IBM storage options for VersaStack are built with IBM Spectrum Storage software, which means that deploying IBM FlashSystem arrays in VersaStack opens the door to the entire IBM Spectrum Storage Suite.

These solutions are already proven to work together in the most demanding mission-critical environments. IBM Spectrum Storage with Cisco UCS helps improve efficiency and leverage existing server resources while delivering a rich set of storage capabilities.

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### *VersaStack Solution*

VersaStack can be implemented with Cisco Application Centric Infrastructure (Cisco ACI) to enhance business agility by allowing IT to build, deploy, secure and maintain applications through a more agile framework. This capability, combined with Cisco Intercloud Fabric, can enable the creation of open and secure hybrid cloud-ready solutions that accelerate IT agility while delivering dramatic improvements in deployment, operation efficiency and simplicity.



## Why IBM and Cisco?

IBM and Cisco are global IT industry leaders. Together, the companies have a 15-year history of demonstrated joint success with more than 25,000 shared customers. IBM and Cisco have experience in driving emerging technology transitions and have the breadth and ability to deliver innovative, validated solutions while helping customers reduce risk.

The companies provide global delivery capabilities and deep industry expertise along with current technology offerings in data center computing, networking, mobility, collaboration, analytics and the Internet of Things.

<sup>1</sup> Adam DeMattia, “Economic Value Validation: Quantifying the Value of VersaStack, a Converged Infrastructure Solution by IBM and Cisco,” *The Enterprise Strategy Group*, April 2016. <https://www.ibm.com/account/reg/us-en/signup?formid=urx-17902>

<sup>2</sup> IBM lab measurements –April 2012.

## Specifications

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### Why IBM?

IBM offers a vast portfolio of hardware, software and services that can help organizations of all sizes address their IT infrastructure requirements in a comprehensive and integrated way. With IBM, organizations can create a more flexible, robust and resilient infrastructure to support critical business operations.

Innovative technology, open standards, excellent performance, and a broad portfolio of proven storage software, hardware and solutions offerings—all backed by IBM with its recognized industry leadership—are just a few of the reasons to consider storage solutions from IBM. In addition, IBM delivers some of the best storage products, technologies, services and solutions in the industry without the complexity of dealing with different hardware and software vendors.

### For more information

To learn more about VersaStack Solution, please contact your IBM representative or IBM Business Partner, or visit: [ibm.com/versastack](https://ibm.com/versastack)

For more info on Cisco offerings:

- [Cisco Nexus Series Switches](#)
- [Cisco B-Series Blade Servers](#)
- [Cisco C-Series Servers](#)
- [Cisco UCS and Cisco UCS Mini Chassis](#)
- [Cisco 6300 Series Fabric Interconnects](#)
- [Cisco 6200 Series Fabric Interconnects](#)
- [Cisco UCS Director](#)

Additionally, IBM Global Financing provides numerous payment options to help you acquire the technology you need to grow your business. We provide full lifecycle management of IT products and services, from acquisition to disposition. For more information, visit: [ibm.com/financing](https://ibm.com/financing)

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