VersaStack Solution by Cisco and IBM

Versatile IT

Data center owners are increasingly moving away from traditional siloed environments. The past few years have seen the emergence of integrated infrastructure, in which the full stack of data center technologies is combined into pre-engineered, tested, and supported systems designed to operate as a whole. The underlying reasons for this trend are three critical chief-information-officer (CIO) imperatives: IT is being tasked to reduce total cost of ownership (TCO), increase revenue, and lower risk. Analyst IDC forecasts that the integrated systems market will expand at a 5-year compound annual growth rate (CAGR) of 33 percent between 2012 and 2017, to US$14 billion, up from US$5 billion in 2013.

Until today, though, no such integrated infrastructure had been designed to include the Cisco UCS® Integrated Infrastructure and the IBM Storwize family of virtualized storage technologies to meet the demands of existing and new IT workloads in traditional as well as cloud based deployment models. Now, with the VersaStack™ solution by Cisco and IBM, that has changed.

Solving IT Challenges That Matter with Ease, Efficiency, and Versatility

Combining the performance and operational efficiency of Cisco UCS Integrated Infrastructure and IBM Storwize storage, the VersaStack solution offers ease and speed of deployment with operational agility and the power of unified management.

The VersaStack solution is backed by the first Cisco® Validated Designs developed with IBM storage, helping ensure transparent integration of solution applications, greater

reliability, and confidence for our customers and business partners. This new integrated infrastructure solution is ready for Cisco Application Centric Infrastructure (ACI), enhancing business agility by allowing IT to build, deploy, secure, and maintain applications through a more agile policy-based framework. This capability, combined with future support for Cisco Intercloud Fabric, allows the creation of open and secure hybrid cloud-ready solutions that accelerate IT transformation while delivering dramatic improvements in deployment, operation efficiency, and simplicity. The IBM Storwize V7000 delivers storage capabilities that both complement and enhance virtual environments with built-in functions such as IBM Data Virtualization, Real-time Compression, and Easy Tier that deliver extraordinary levels of performance, utilization, and efficiency.

VersaStack Solution for Cloud, Big Data and Mobility

The VersaStack solution combines Cisco UCS Integrated Infrastructure, which includes the Cisco Unified Computing System™ (Cisco UCS), Cisco Nexus® and Cisco MDS 9000 Family switches, and Cisco UCS Director, with the IBM Storwize V7000 storage system. This new integrated infrastructure solution is foundational for supporting virtualized workloads and the journey to a more responsive model of IT. The VersaStack vision includes multi-hypervisor support, Cisco Application Centric Infrastructure (ACI), Intercloud capabilities and IBM software tools for network and information management, big data and analytics, and mobility.

Improve Operation Efficiency and Respond to Dynamic Business Requirements

By opting for the VersaStack integrated infrastructure solution, your business benefits from:

- Ease-of-deployment capabilities provided by Cisco UCS integrated infrastructure innovations such as Cisco UCS service profiles, reducing design, deployment, and management overhead
- Performance optimization without complexity with IBM Easy Tier features
- Efficient use of computing, networking, and storage resources with up to five times more data storage with IBM Real-time Compression
- Transparent integration of new technologies with Cisco Validated Designs
- Unified integrated infrastructure provisioning and management with Cisco UCS Director
- Versatile storage virtualization capabilities enable a dynamic infrastructure by extending IBM Storwize functions to existing IBM and non-IBM storage
- Validated IBM applications and analytics capabilities with IBM services support.
- Expertise from IBM Global Services across a broad range of services including strategy, architecture, design, planning, implementation, management and maintenance.

Why Cisco and IBM?

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

Cisco and IBM together 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 (IoT). We deliver a portfolio of offerings based on client-specific needs and strategies across multiple industries and segments, including healthcare, banking, public safety, energy, utilities, and retail. Together we can offer you precisely what you need to achieve the vision of a modern data center.

For More Information

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