Cisco Integrated System for Microsoft Azure Stack

Free essential IT resources from tedious administrative tasks and achieve full control of your new hybrid cloud environment

- Power your cloud with high-performance networking and industry-leading versatility for virtualized environments with up to 1536 GB of memory per server, 40 GbE, and NVMe cache storage standard. Choose between hybrid and all- flash storage options.

- Automate infrastructure management with Cisco UCS® Manager and help ensure consistency with policy-based management.

- Deploy M5-based systems that use the latest Intel® Xeon® Scalable processors for optimal performance from 12 to 28 cores.

Grow your business quickly with an efficient and flexible cloud-consumption model

- Gain the benefits of Microsoft Azure Stack with a hybrid cloud solution designed for rapid scalability and cloud-native applications.

- Scale up to meet customer demands as needed without letting infrastructure slow you down.

- Accelerate time-to-market with faster solution and application development.

- Gain more control over your IT Capital Expenditures (CapEx) and Operating Expenses (OpEx).

- Protect customer and business data with Cisco's and Microsoft's commitment to threat-centric security.

Cisco and Microsoft, proven innovators and trusted technology partners, are the market leaders in hybrid cloud infrastructure

- Focus on the important things knowing that Cisco, in partnership with Microsoft, will help you plan, design, and manage your hybrid cloud deployments.

- Pursue business opportunities supported by a partnership committed to continued hybrid cloud innovation and integration.

- Enjoy the single-vendor benefits of Cisco Technical Assistance Center (TAC) support for Azure Stack, with Microsoft ready to assist.

- Cisco is the market leader in integrated infrastructure, networking, and system platforms for hosting service providers. Microsoft Azure is a leader in public clouds.

- Cisco and Microsoft together are committed to your success.

Deliver business growth and innovation through the power of cloud computing

The demands of economics and the need for business flexibility are fueling the world's transition to cloud computing. At the same time, the dramatic growth in the amount of digital data continues. While enterprises are still making sense of the business opportunity, their resources are being consumed by the management of complex infrastructure and cumbersome systems, and the need to protect against security threats and address compliance issues.

Organizations need a hybrid cloud solution that increases productivity and empowers IT but that remains simple to manage. This solution should be intelligent and flexible enough to easily scale on demand and to consistently shift workloads to optimize on-premises and public cloud resources. It should allow application testing and development automation to meet rapidly changing business requirements. And it should deliver all these features without requiring additional human resources, freeing valuable staff members to spend their time and energy on forward-looking projects that grow the business.

Cisco and Microsoft are committed to innovation through partnership. With Cisco® Integrated System for Microsoft Azure Stack, you get the power of the world's most robust cloud platform on the Cisco Unified Computing System™ (Cisco UCS®), which is designed to perform and deliver on that promise.

Microsoft Azure Stack on a system designed for the cloud: the Cisco UCS server platform

Cisco Integrated System for Microsoft Azure Stack delivers accelerated growth and innovation, simplified management and control, and earned confidence and trust, all backed by two trusted technology innovators.

- The solution is specifically designed for rapid scalability and hybrid cloud workloads, with policy-based management, API-enabled automation, and hardware abstraction.

- Hybrid clouds operate by moving virtual machines between private and public clouds. Cisco UCS was designed from its foundation to optimize the performance of virtualized workloads.

Get started now

Start accelerating your business growth and innovation through the power of a hybrid cloud with Cisco Integrated System for Microsoft Azure in your data center. For additional information, visit cisco.com/go/azure_stack.

- Cisco UCS Manager is embedded in the Cisco Integrated System's fabric interconnect. Therefore, a separate server dedicated to systems management is not required, saving you money as well as space and power in your data center.

- Leveraging Cisco UCS Manager, the system auto discovers when a new node is added and assigns its "personality" via a Service profile. Once completed, the administrator is just a few clicks away in the Azure Stack Admin Portal to having the node added and the cluster rebalanced. No requirement for installation services.

- The solution combines high-performance networking and industry-leading versatility for virtualized environments, and Cisco Unified Fabric to accelerate cloud network traffic.

- You gain proven operational advantages, with 40 percent faster infrastructure deployment and 38 percent reduction in ongoing management costs compared to conventional server infrastructure.

- You gain hybrid cloud agility for Microsoft Azure services, with choices to manage on-premises governance, security, and performance in accordance with your organizational policies.

- Developers can build on an agile Microsoft Platform-as-a-Service (PaaS) environment, with API portability to the Azure public cloud. The solution also provides potential access to 20,000 Azure-based applications when enabled for Azure Stack.

Gain the benefits of Microsoft Azure Stack with a hybrid cloud infrastructure solution designed for rapid scalability and cloud-native applications. Use the Cisco ONE™ Enterprise Cloud Suite cloud-management package to automate deployment and management of applications across 20 hybrid cloud environments, including Microsoft Azure Stack and Microsoft Azure.