



## AT A GLANCE

# Automated Service Delivery and Private Clouds

With FlashStack and Cisco UCS Director

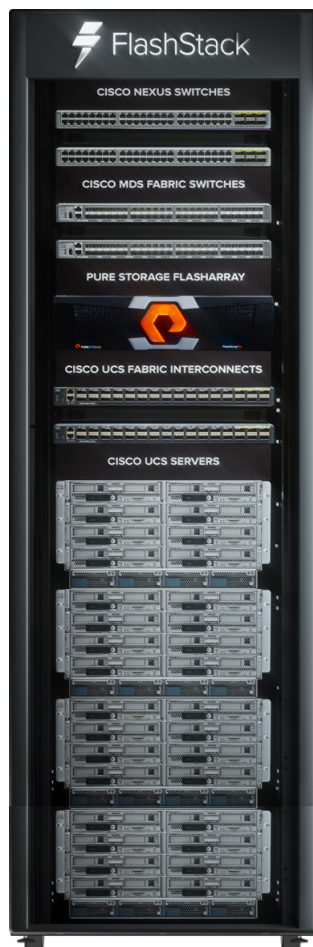


Figure 1 Cisco UCS Director and FlashStack Provide a High-Performance, Reliable, and Secure Foundation for Hybrid Cloud Deployments

### The Private Cloud Challenge

IT departments are under increasing pressure to simplify, standardize, and accelerate the process by which they deliver IT services. Users increasingly demand near-instant provisioning of services. Comprehensive data center automation and the delivery of private cloud services are the answer but can be difficult to design, implement and operate.

### Flashstack and Cisco UCS Director

With FlashStack from Cisco and Pure Storage, IT departments can deploy a standardized data center architecture, based on best-in-class components, that delivers flexible growth and simplified operations to empower IT and the entire business (Figure1).

When paired with Cisco® UCS Director, FlashStack provides simplified, automated operations for the provisioning of private cloud services, allowing IT departments to focus more on consistent, high-speed service delivery and less on repetitive, manual tasks. Cisco UCS Director and FlashStack together provide the automation, full-stack orchestration, and service catalog necessary to deliver a robust private cloud quickly and efficiently. With pre-integration into Cisco ONE™ Enterprise Cloud Suite and Cisco® Cloud Center, Cisco UCS Director and FlashStack provide a high-performance, reliable, and secure foundation for hybrid cloud deployments.



### The Opportunity

- Reduce provisioning time from hours to minutes with prebuilt workflows.
- Monitor available resources to correctly place workloads.
- Expose over 1800 tasks to create custom workflows and build on hundreds of predefined workflows.
- Reduce deployment risk with full FlashStack rollback capability.

### The Solution

Cisco UCS Director integration provides a workflow automation tool set for end-to-end provisioning of FlashStack computing, networking, and storage resources. It allows organizations to build a fully automated workflow catalog to enable near-instant provisioning and automated execution of common workflows. Cisco UCS Director can also help data center administrators monitor and report on resource status, including capacity utilization.

### For More Information

To learn more, contact [flashstack@purestorage.com](mailto:flashstack@purestorage.com) or see [www.cisco.com/go/flashstack](http://www.cisco.com/go/flashstack).

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### Simplifying Private Cloud Deployments

FlashStack is integrated with Cisco UCS Director through the Pure Storage FlashArray adapter for Cisco UCS Director. This adapter helps simplify the automation of FlashStack deployments and management tasks throughout the stack, including workflows for computing, fabric, and storage components. The adapter includes a variety of pre-automated tasks that can be connected to form complex workflows throughout the system. The adapter also includes a set of pre-built workflows to automate common actions and to serve as templates for the automation of subsequent actions when necessary. Also included in the Pure Storage FlashArray adapter also includes several report views that provide visibility into aspects of the FlashStack architecture: hosts, volumes, etc.



Figure 2 Gain Private Cloud Success with Cisco UCS Director and FlashStack

### Private Cloud Success

Cisco UCS Director on FlashStack offers a unique approach to a pre-designed private cloud. Organizations can deploy this solution quickly, simply, and with confidence. When FlashStack is managed and orchestrated with Cisco UCS Director, IT departments have an easier, more efficient way to achieve streamlined operations and flexible always-on performance. A FlashStack private cloud provides a powerful foundation for digital transformation on a platform purposely built for private cloud services (Figure2).

