Cisco Data Center Delivers New Multicloud & Edge Capabilities and Integrations

Cisco Knowledge Network - Service Provider Webinar Series

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Today’s Presenters

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January 29th, 2019  Cisco Announcements

Flexible consumption models
Applications are Evolving

Workloads are more Distributed

Developers demand Multicloud
There is Nothing “CENTER-ED” About Data Anymore
New apps are creating new BW demands

Significant amounts of data are being generated remotely which need to be analyzed, processed, and consumed.

Data processing needs to be closer to the sources of demand

There is Nothing “CENTER-ED” About Data Anymore

This is where we began, and it’s here to stay

A new operating model and growth of cloud native apps

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Cisco Data Center Goes Anywhere Your Data Is
Cisco Data Center: Key Domains

**Edge / Remote**
- Extend the Data Center efficiently to new sources of demand

**Core Data Centers**
- Deliver cloud-like experience for apps/data that must stay on-prem

**Multicloud**
- Create a consistent, integrated application environment
Cross-Domain ACI Integrations
Map application and service components to ACI
Cross launch AppDynamics and ACI-APIC to correlate network and app data
Baseline app health status in AppDynamics by correlating ACI network health and faults
Uniform Access Policies:
Identity access management from user to applications

- Integrate ACI’s application-based micro-segmentation in the data center with Cisco SD-Access user group-based segmentation across the campus and branch.
- Automate the mapping and enforcement of segmentation policy based on the user’s security profile as they access resources within the datacenter.
- Enables security administrators to manage end to end, user-to-application, segmentation seamlessly
- Provide a common and consistent identity based micro-segmentation capability from the user through to application
HyperFlex Edge

The Simplicity of Cloud-Managed Computing

- **Lights out, multi-site parallel deployment**
- **Rapid cluster profile creation and full stack upgrades**
- **Flexible scalability and investment protection**
- **Connected TAC Support**

Mass-Scale ROBO

Ultra-Light 2-Node Cluster

Cloud Witness Service

Three-node cluster quorum without physical 3rd node!
Extending HyperFlex Performance Leadership
Any Workload at Any Scale

- First to market
- Ideal for latency-sensitive apps
- More VM’s per Node
- TCO Advantage

All NVMe

HyperFlex Acceleration Engine
Simplifying Innovation Consumption

Cisco Enterprise Agreement

Platform for Lifecycle Management
Radically Simplified Consumption
Data Center Choice Enrollments for Enterprise Agreement

Customer Benefits

- Choice in deployment models and license portability
- Standardized three- or five-year agreements
- Risk-Free Adoption w/ Annual True Forward
- Delivery through Cisco channel partners

Simple | Scalable
For more information

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