



Cisco 思科演示云dCloud系列培训

如何使用dCloud 来做Cisco HyperFlex 3.5 HX Data Platform v1的演示

Aug Sep Oct Nov Dec

dCloud – 思科的演示云



**思科演示云将其产品解决方案架构的
软件和硬件虚拟化，让思科与合作伙
伴的销售团队在任何地方，任何时间
都可以做产品演示。**

什么是Cisco dCloud?

服务

思科, 合作伙伴, 客户

自服务, Managed Service

Instant(实时), Scheduled(预约), 企划书

Demo, Lab, 沙盘, POV, Events

可定制化, 保持, 共享

创建content

平台

5 个数据中心

云, 基础架构, 自动化, 用户 UI

管理员Admin, 开发工具

Cisco on Cisco

内容

超过250 offerings, 所有的架构

预配置有文档提供

虚拟机, 硬件, 用户设备, licensing

认证, 可信

可选的终端

Operations 和技术支持

24x5* chat, email, web, phone

Self help, event support, metrics

Cisco dCloud – 使用小技巧



- **请随时给我们反馈**
- **共享给你的客户**
- 定制化保存
- 和技术支持联系来Extend sessions
- 超过5个sessions可使用Event scheduling
- 多种 RDP连接的方式
- 将本地应用和云服务加入demo
- 使用多个数据中心来 capacity/redundancy

dCloud 满足你的要求

<http://dcloud.cisco.com>

As Easy As...



- 思科员工和合作伙伴
- 完整脚本
- 定制化, 本地化, 共享
- 可选的终端 (BYOD)
- 可使用你自己的设备

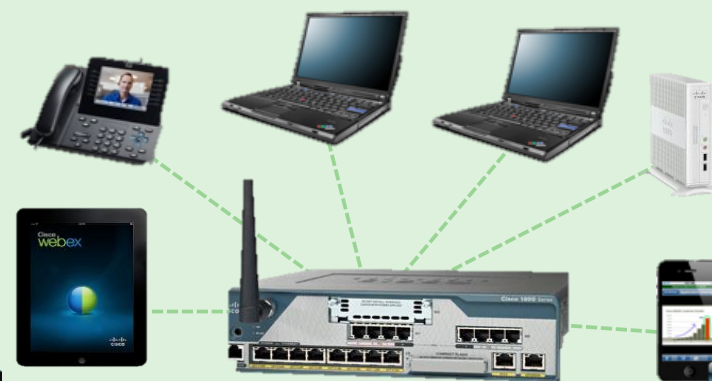


dCloud
Data Centers



US East
US West
EMEAR
APJ
GC

As Complete As...



- Virtual desktops
- Local clients on laptops
- Room based configuration
- 可添加你本地的服务器
- 多种使用案例

Cisco HyperFlex 3.5 HX Data Platform v1的演示

- **现在就让我们的数据中心的专家 **Xiaozhen Lu**一起开始吧:**
 - 转去dcloud.cisco.com
 - 使用CCO帐户SSO登陆
 - 选择大中华区GC数据中心
 - 马上就跟随**Xiaozhen Lu**开始学习吧，你可以随时提问题

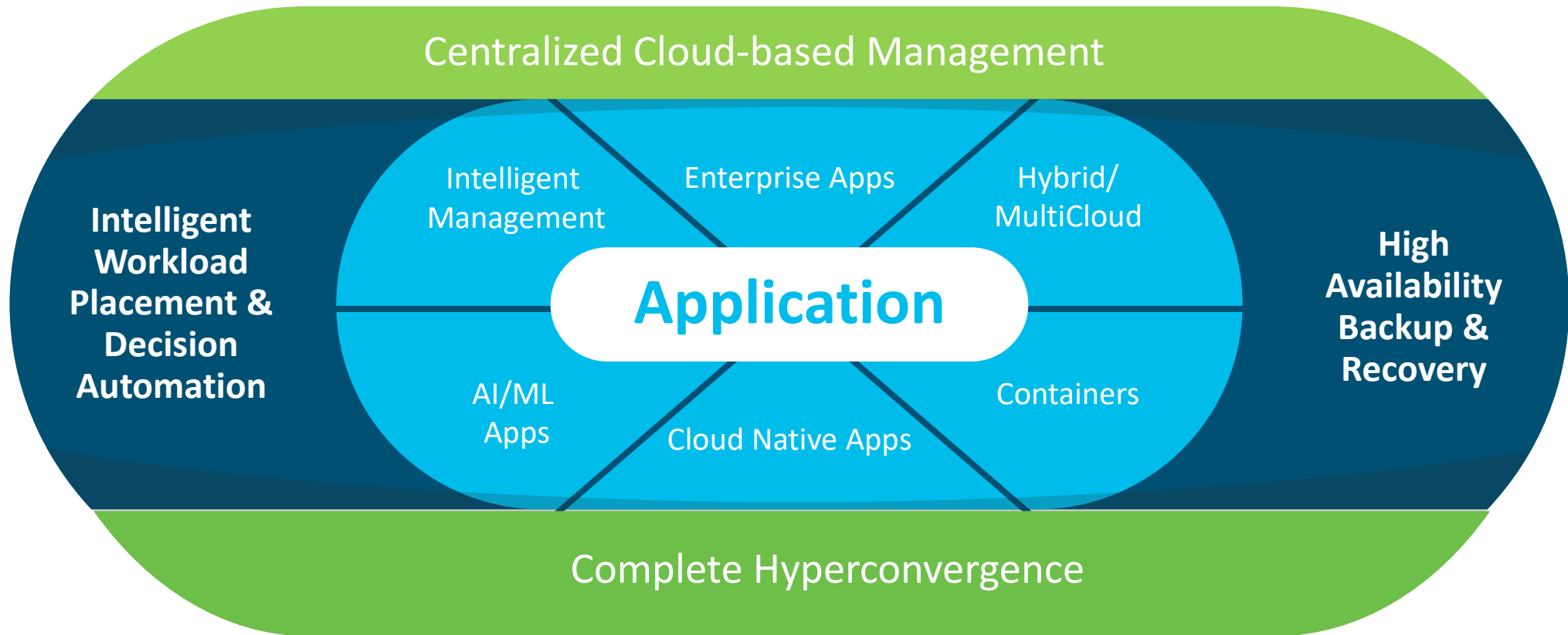


Cisco Intersight and Hyperflex System Operational Demo

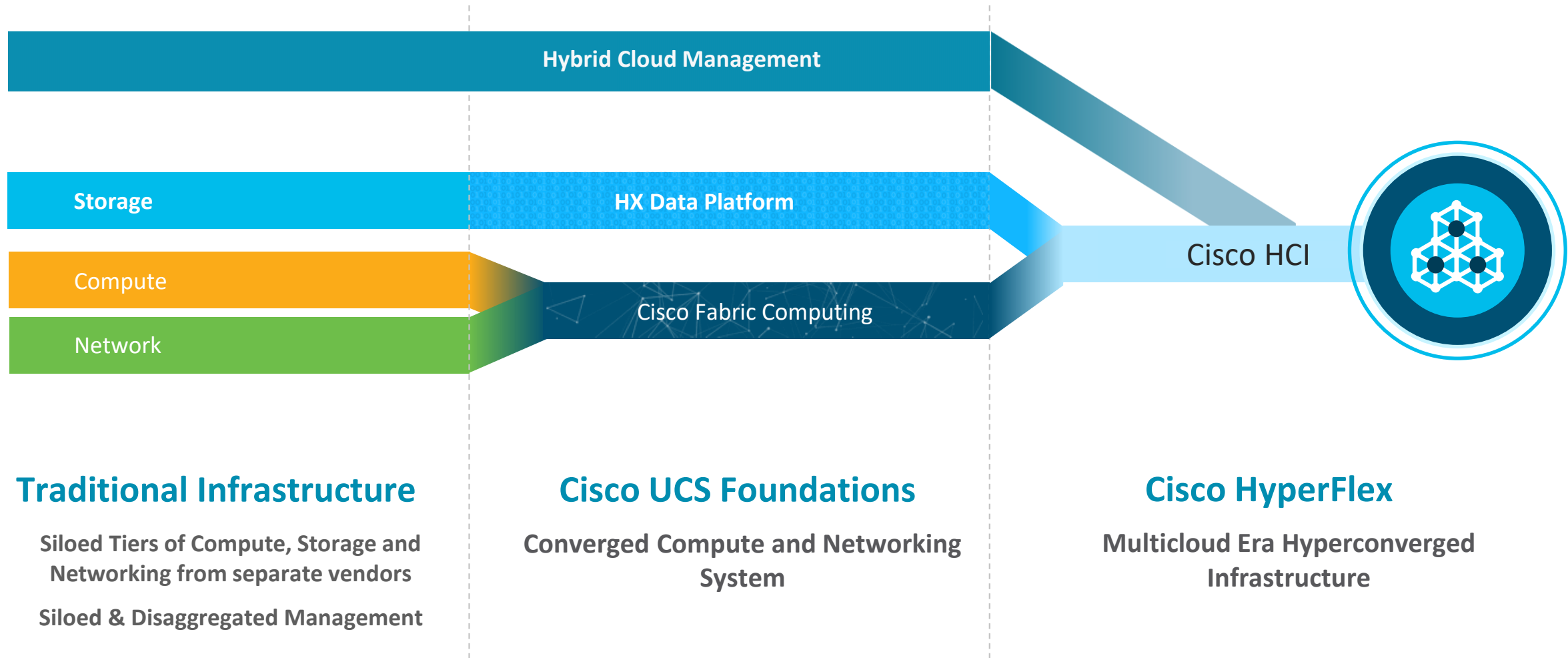
Modernize the present, simplify the future

Xiaozhen Lu
GVE
2019/02/27

Modernized Multi-cloud Solution



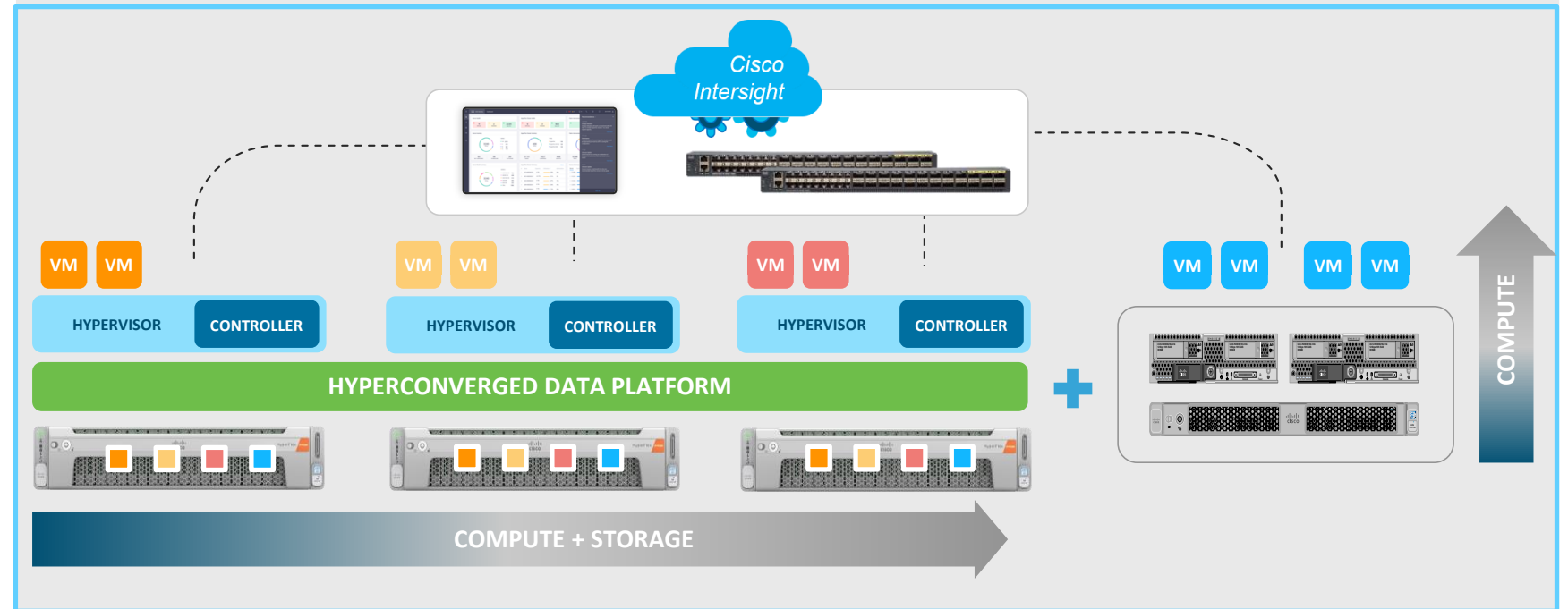
Making it simple with Hyperconvergence





Cisco
HyperFlex
Multi-Cloud
Platform

Complete Hyperconvergence



1. Broad Range of Workloads

- ROBO
- VDI/VSI
- Mission Critical(SAP)
- Cloud Native(Docker, K8S)
- Databases(Oracle, SQL)

2. VM Density & Latency

- Dynamic data distribution avoids bottlenecks
- Up to 3x greater VM density
- Consistent performance and latency between VMs

3. Seamless Scale

- Independent scale of Compute and Storage
- Easy Scale via Service Profile
- Scale Across CLOUD
 - Cisco CloudCenter
 - Cisco Container Platform



Cisco Intersight

Centralized Cloud-Based Management



Telemetry and Analytics



Policy Based Orchestration



Secure and Compliant



API Driven, DevOps Enabled



Connected TAC

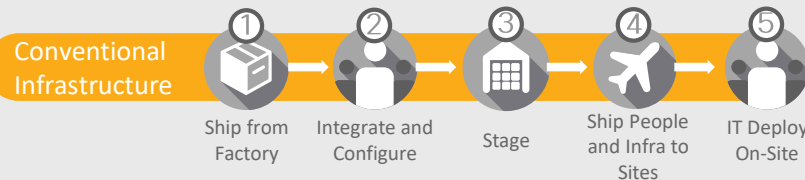
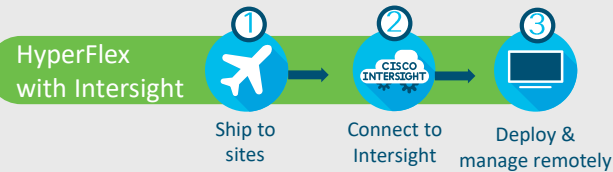
Cisco Intersight

SaaS Simplicity

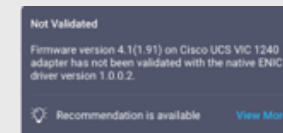
Actionable Intelligence



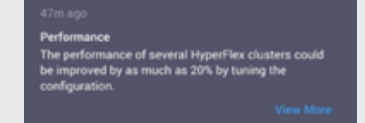
Remotely Deploy & Manage



Compatibility(HCL) Check



Recommendations Engine





High Availability Backup & Recovery

Enterprise Class Filesystem

Data Integrity & Reliability

- Block checksums protect against media errors
- Flash friendly layout helps maximize flash life
- Zero overhead, instantaneous snapshots for DP

High Availability

- Fully-striped architecture helps with faster rebuilds
- Fine grained data-resync and rebalance
- Non-disruptive rolling upgrades

Native Data Replication & DR



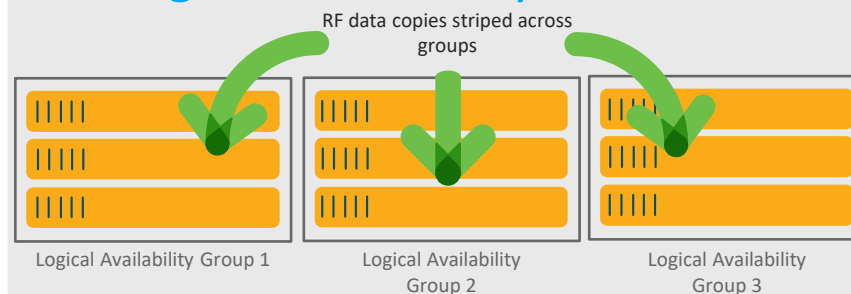
3rd Party Backup Integrations

COHESITY

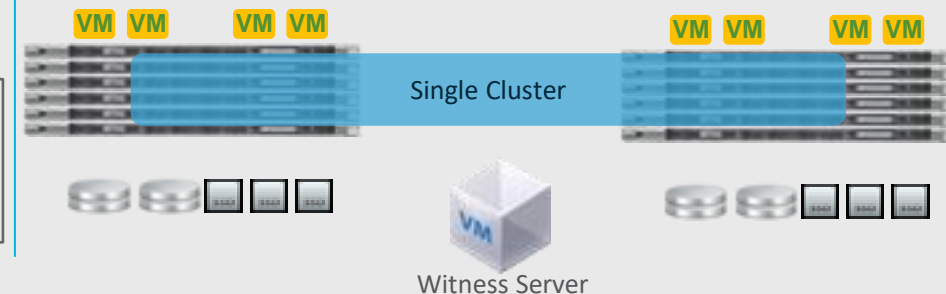
COMMAVAULT 

VEEAM

Logical Availability Zones



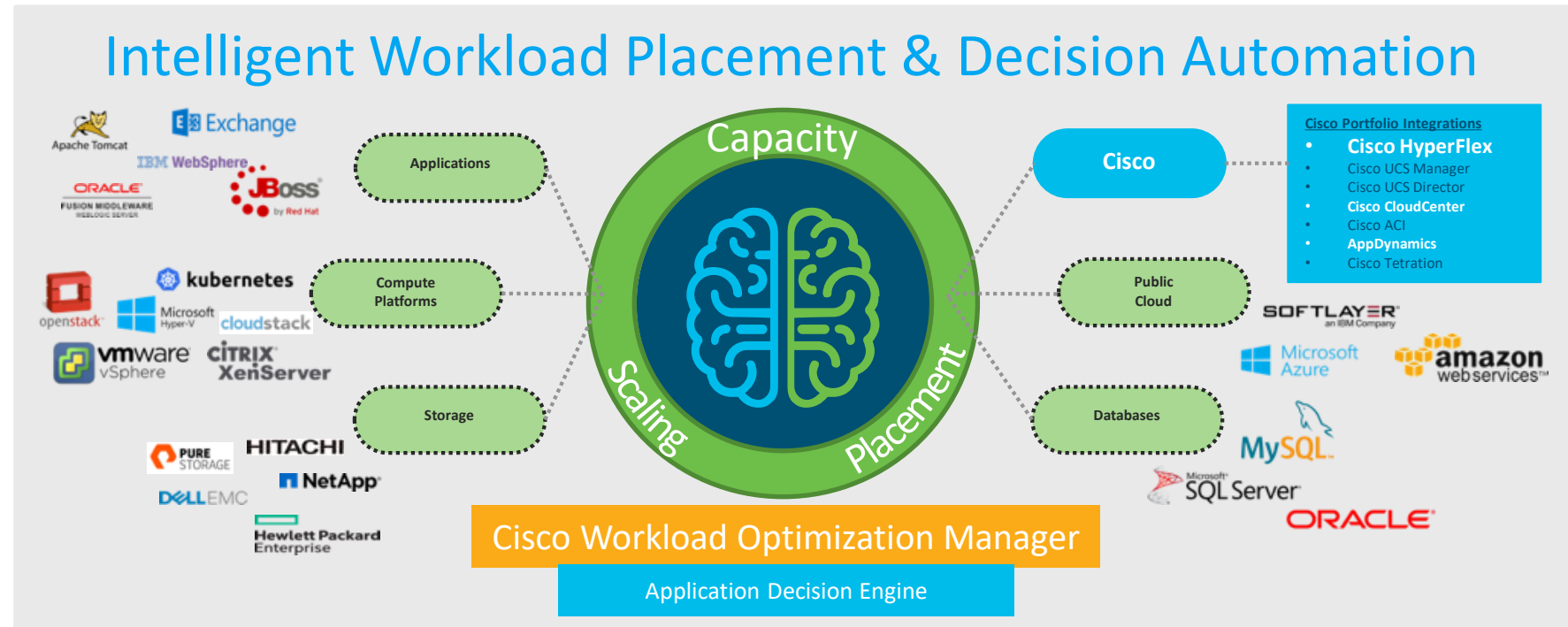
Stretched Cluster



Intelligent Workload Placement & Decision Automation

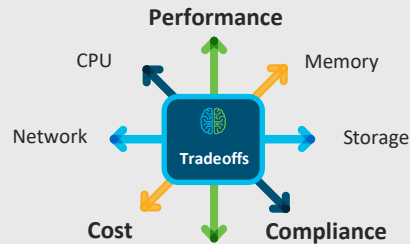


Cisco Workload Optimization Manager



1. Continuous Optimization

Real-time actions drive continuous performance, efficiency, and compliance.



2. Capacity Management

Quickly & accurately model what-if scenarios: workload growth, add/remove hardware, cloud costs

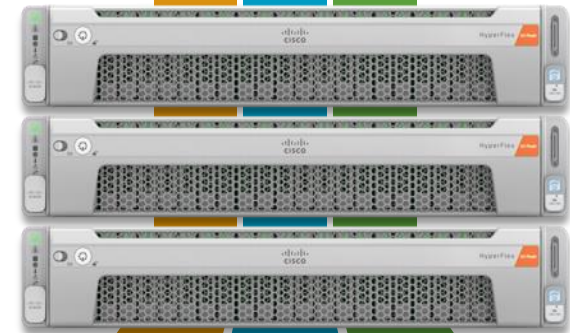


3. Compliance & Business Policies

Easy custom policies ensure WOM actions abide by business and compliance requirements.



Demonstration Flow



Cisco HyperFlex



Cisco Workload Optimization Manager
administrator



Cisco Intersight



Hyperflex
Replication



Hyperflex
Installation

Hyperflex
Expansion



admin



demouser@dcloud.cisco.com



html Flash

demouser@dcloud.cisco.com

HX-Storage Cluster A



admin



demouser@dcloud.cisco.com



html

demouser@dcloud.cisco.com

HX-Storage Cluster B

Demo Scenarios

- Scenario 1: Hyperflex Demo Environment
- Scenario 2: HX Cluster Expansion (Cluster A)
- Scenario 3: HX Cluster Installation (Cluster B)
- Scenario 4: HX Cluster Replication (Cluster A + B) and VM Migration and Failover
- Scenario 5: Operation with HyperFlex Connect (Cluster A or B)
- Scenario 6: Cisco Workload Optimization
- Scenario 7: Cisco Intersight
- Scenario 8: Operation with HyperFlex Plugin for vSphere (Cluster A or B)