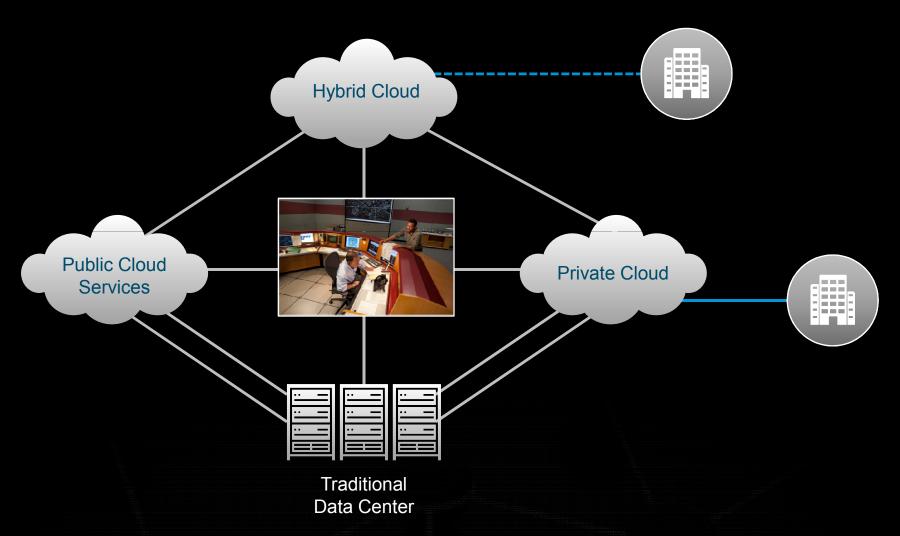
Private Cloud and IT-as-a-Service with Cisco Unified Data Center

Gartner IT Infrastructure, Operations & Management Summit Cisco Systems

Tomorrow's IT—World of Many Clouds Enabling Multiple IT Sourcing Models



Powering Cloud Computing

Infrastructure Capabilities Matter More Than Ever

CLOUD REQUIREMENTS

IDEAL INFRASTRUCTURE

Low Cost Operations



- Simplified management
- Lower service provisioning cost

Infrastructure as a Service



 Integrated compute, network, and storage resources

Self Service Consumption Model



 Physical resources deployed through API's and policies

Elastic Resource Allocation



- Rapid scalability of virtual and physical
- Automated deployment

Shared Pools of Resources



- Virtualization optimized
- Resource abstraction

Cisco Unified Data Center

The Platform for Delivering IT-as-a-Service



UNIFIED FABRIC



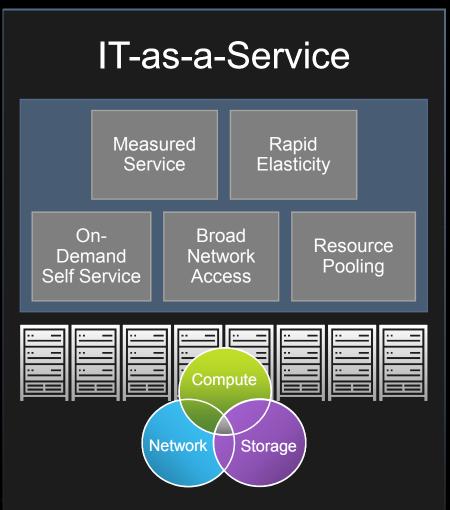
UNIFIED COMPUTING



UNIFIED MANAGEMENT

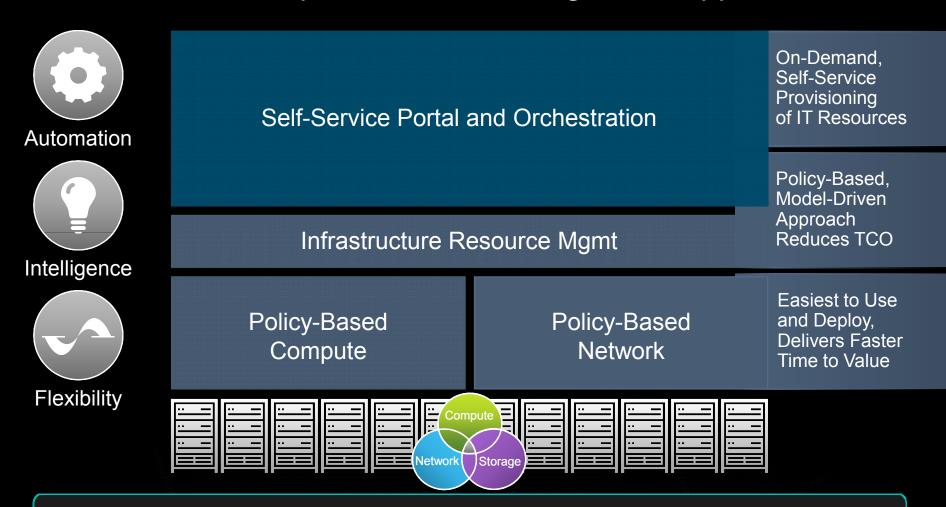
Legacy Management Slow, Complex, Brittle, Expensive Cloud Management Fast, Simple, Flexible, Cost-Effective





Unified Management for Cloud

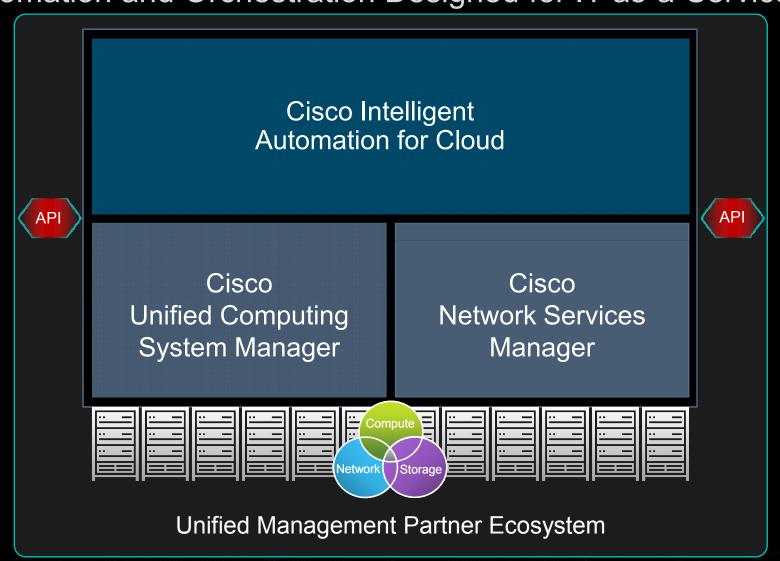
IT-as-a-Service Requires a New Management Approach



Optimized for Cisco Architectures,
Complements Existing IT Systems and Management Tools

Unified Management for Cloud

Automation and Orchestration Designed for IT-as-a-Service

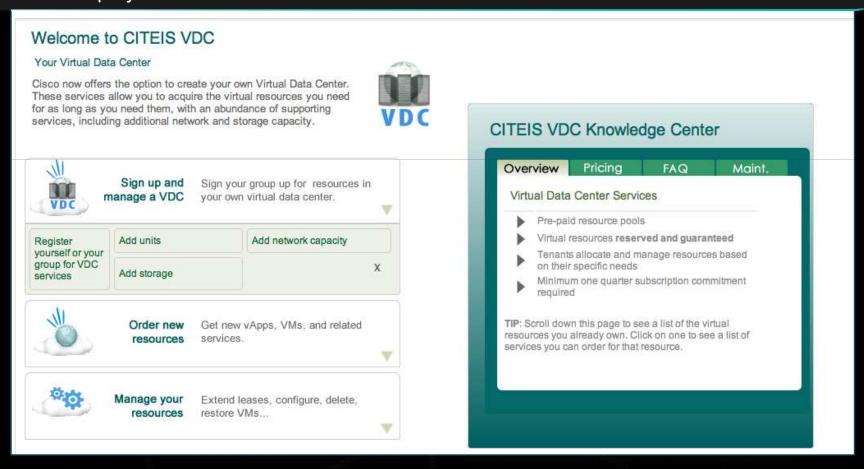


Cisco Intelligent Automation for Cloud



IT Self-Service Storefront

Cisco Cloud Portal Example: Cisco IT Deployment—CITEIS Virtual Data Center

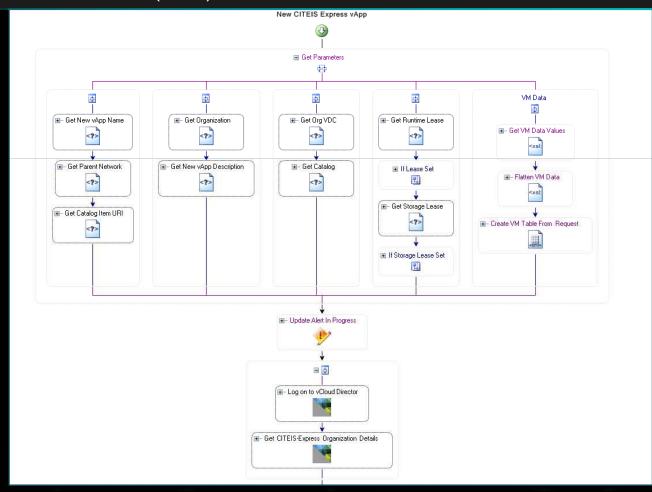


Cisco Intelligent Automation for Cloud



Orchestration-Based Automation

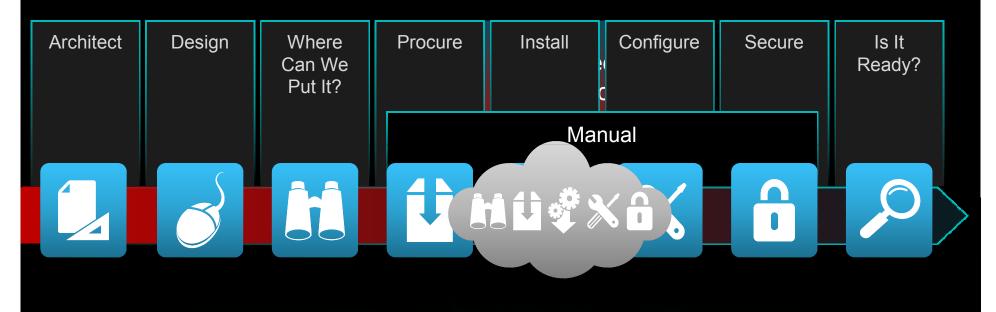
Cisco Process Orchestrator Example: Provision virtual data center (VDC)



Cisco Intelligent Automation for Cloud

Unified Management - Automated Self-Service Provisioning

FROM 8 WEEKS TO 15 MINUTES



Capacity
On-Demand

Policy-Based Provisioning

Built-In Governance

CITEIS: Cisco IT's Cloud Journey



Image Repository Service Catalog Show / Chargeback Change Management





PaaS

- Web Server
- Application Server
- Database Server
- Integration Services

Unified Infrastructure

Virtualization

Automation

Self-service

Multi-tenancy

Elasticity



Cisco IT Elastic Infrastructure Service (CITEIS)



Cisco UCS x86



Cisco Intelligent
Automation for Cloud



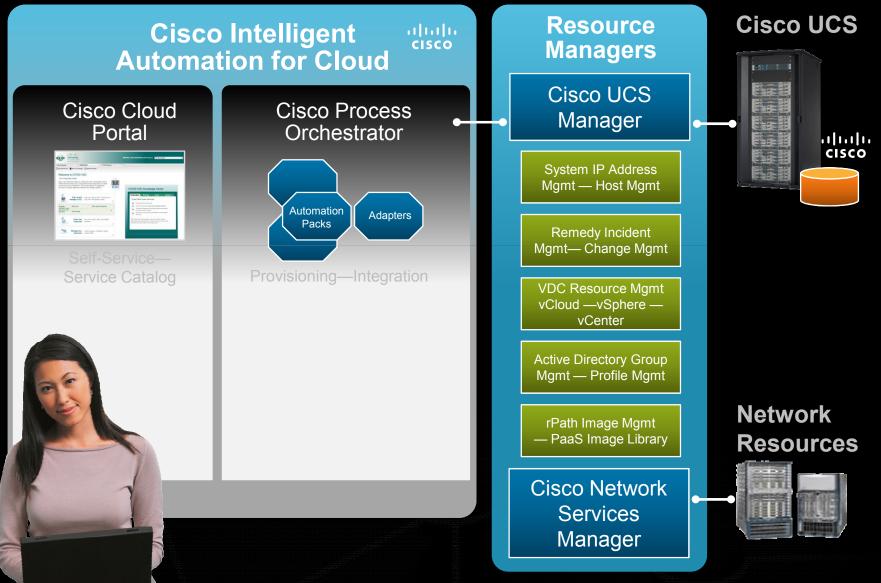
Logical
Segmentation
Control, Security
and Fault
Isolation

Cisco Intercloud Hybrid

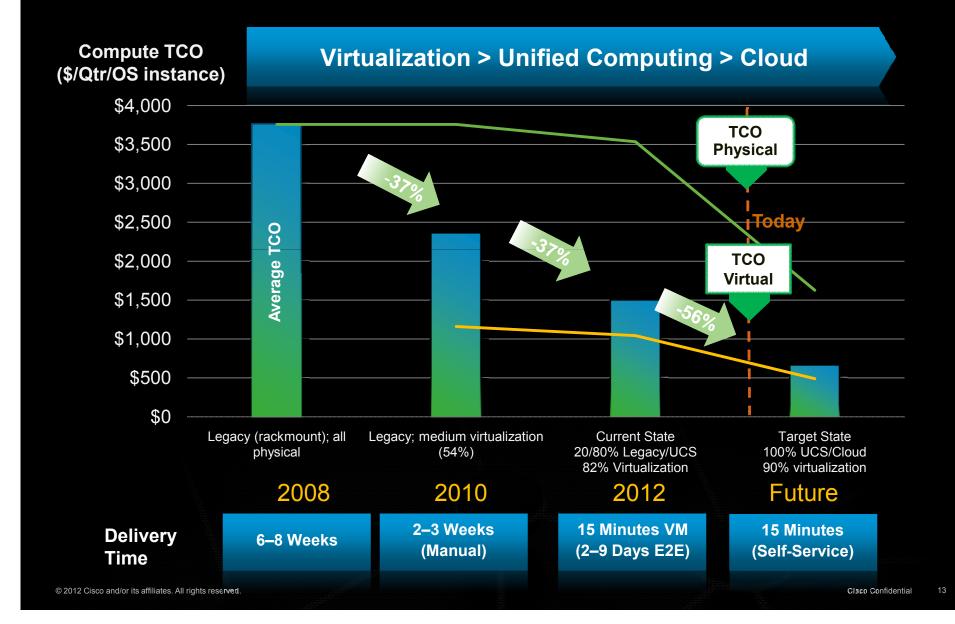




CITEIS: Solution Components



CITEIS Deployment—Cost Analysis

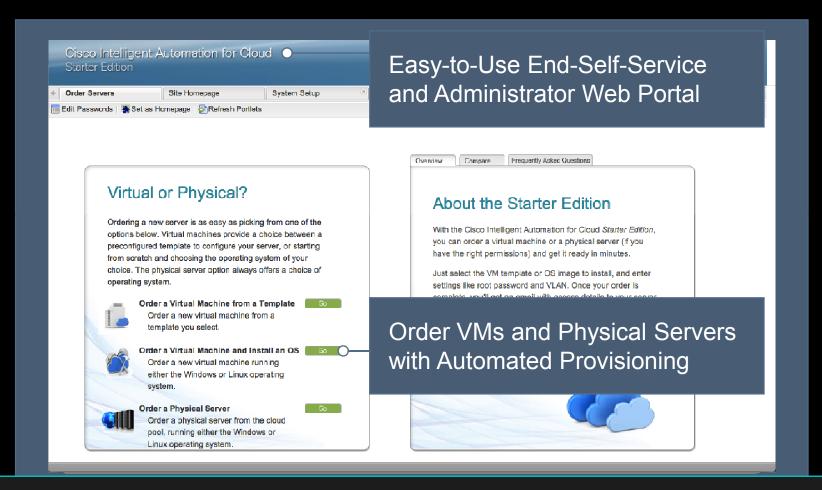






Introducing

Cisco Intelligent Automation for Cloud Starter Edition



A Starting Point for your Cloud Journey with Cisco UCS

Cisco Intelligent Automation for Cloud Starter Edition – Features & Benefits

Pre-Built Portal
Content and
Workflows to
Accelerate Time
to Cloud

Deployment of Compute-as-a-Service on Cisco UCS to Improve Agility Self-Service Provisioning and Automation for both Virtual and Physical Control Over Resources and Consumption with Lifecycle Management Ability to Grow
Deployment and
Expand to New
Use Cases with
Upgrade Path











Thank you.

#