



How mobile workstyles enable business continuity

@Cisco Connect

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Agenda

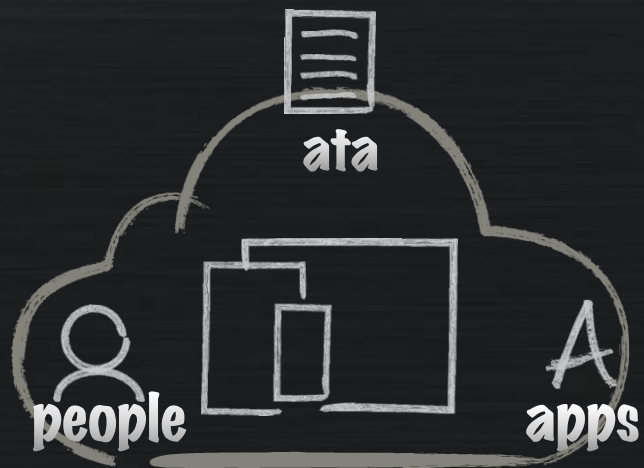
- Who is Citrix?
- Mobile Workstyles
- Cloud Services
- Infrastructure Cloud
- Netscaler & Nexus 1100
- Cisco and Citrix

Who is Citrix?

“

Citrix is a cloud computing
company that enables
mobile workstyles

”



Any Device



Any Cloud

Strategic Plays

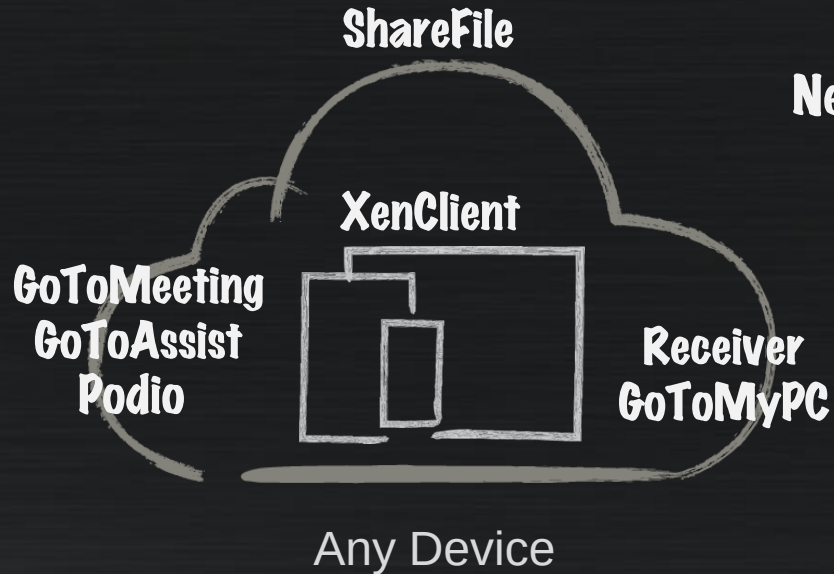


Any Device

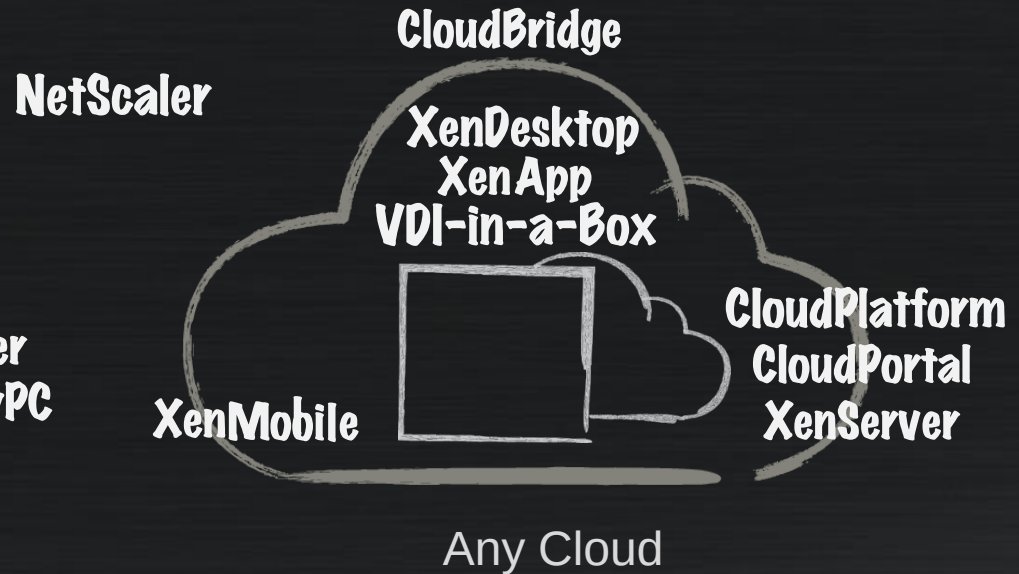


Any Cloud

Mobile Workstyles



Cloud Services



Mobile Workstyles

Mobile workstyle solutions

- **Executive Mobility**

Work with people, data & apps from the coolest devices – anywhere

- **BYO Devices**

Embrace consumerization, empower employees and simplify IT

- **Workshifting**

Move work, cut costs and delight employees



Cloud services solutions

- **Unified Storefront**

Create a single point of access & control for all apps and data—SaaS, web, mobile, and Windows

- **Desktop Virtualization**

Transform Windows desktops and apps into Windows-as-a-Service clouds

- **Enterprise Cloud Networks**

Deliver all apps and services with high performance, security, and availability

- **Cloud Convergence**

Leverage infinite scale and flexibility across private and public clouds



Citrix Receiver

- Follow-me apps and data
- Auto provisioned apps
- Self Service
- Application Request
- VPN-less Remote Access
- Single Sign on in base Receiver
- One-click configuration
- Coherent UI & UX





Cloud services

Deliver Windows apps &
desktops as a **true** cloud service

project Avalon



Project Avalon

Unified architecture, FlexCast Orchestration and Self service

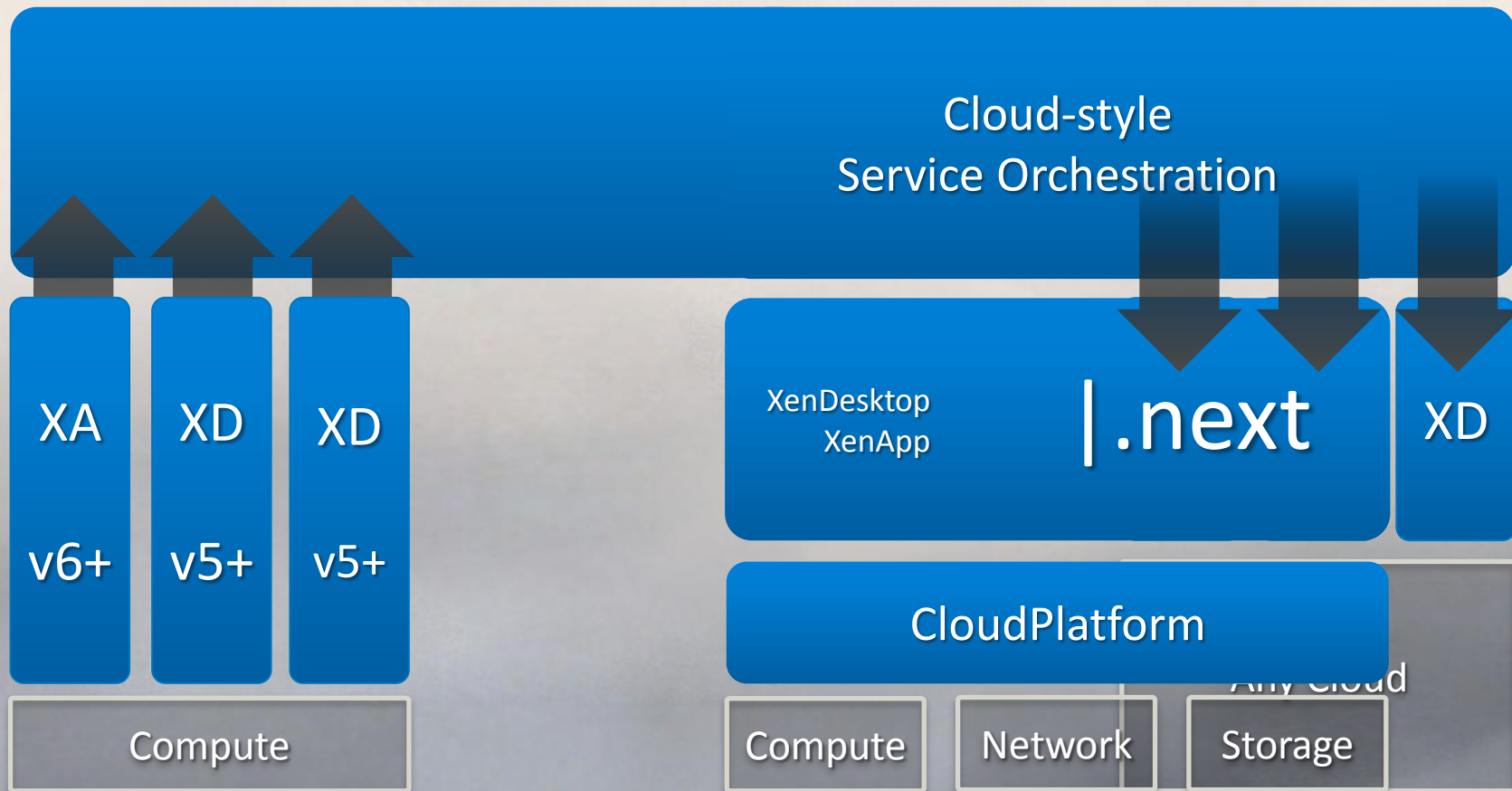
- Project Excalibur

- Unified architecture for hosted shared and VDI desktop configuration
- Unified help desk and SLA monitoring

- Project Merlin

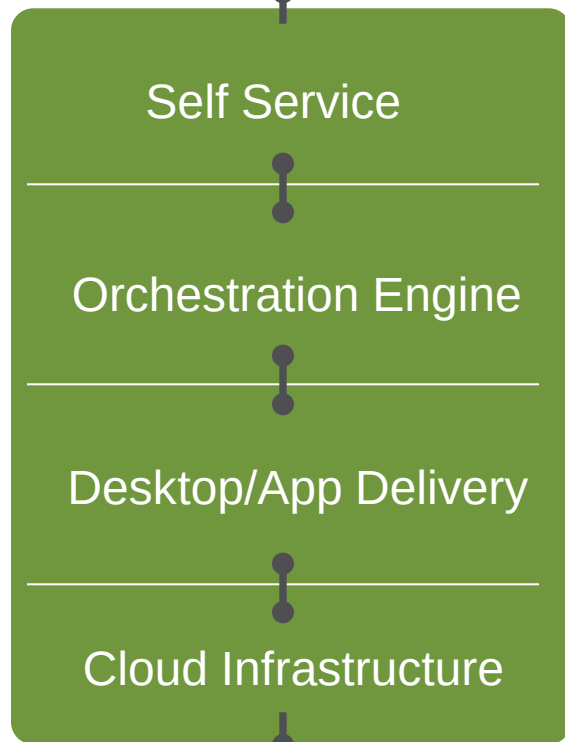
- Multi-tenant VDI orchestration
- Multi-tenant help desk
- Support multi-forest AD configurations
- Automatic provisioning across private and public clouds
- Enhance configuration (Storefront, App-V and advanced settings)





Avalon Service Delivery Platform

Platform for delivering Desktops, Apps, and Data as a Service



World Portal
Design and create services
Rational Self-Service Consoles

Orchestration Engine
Orchestrate and automate the service
FlexCast Orchestration Technology
creation, configuration, and maintenance

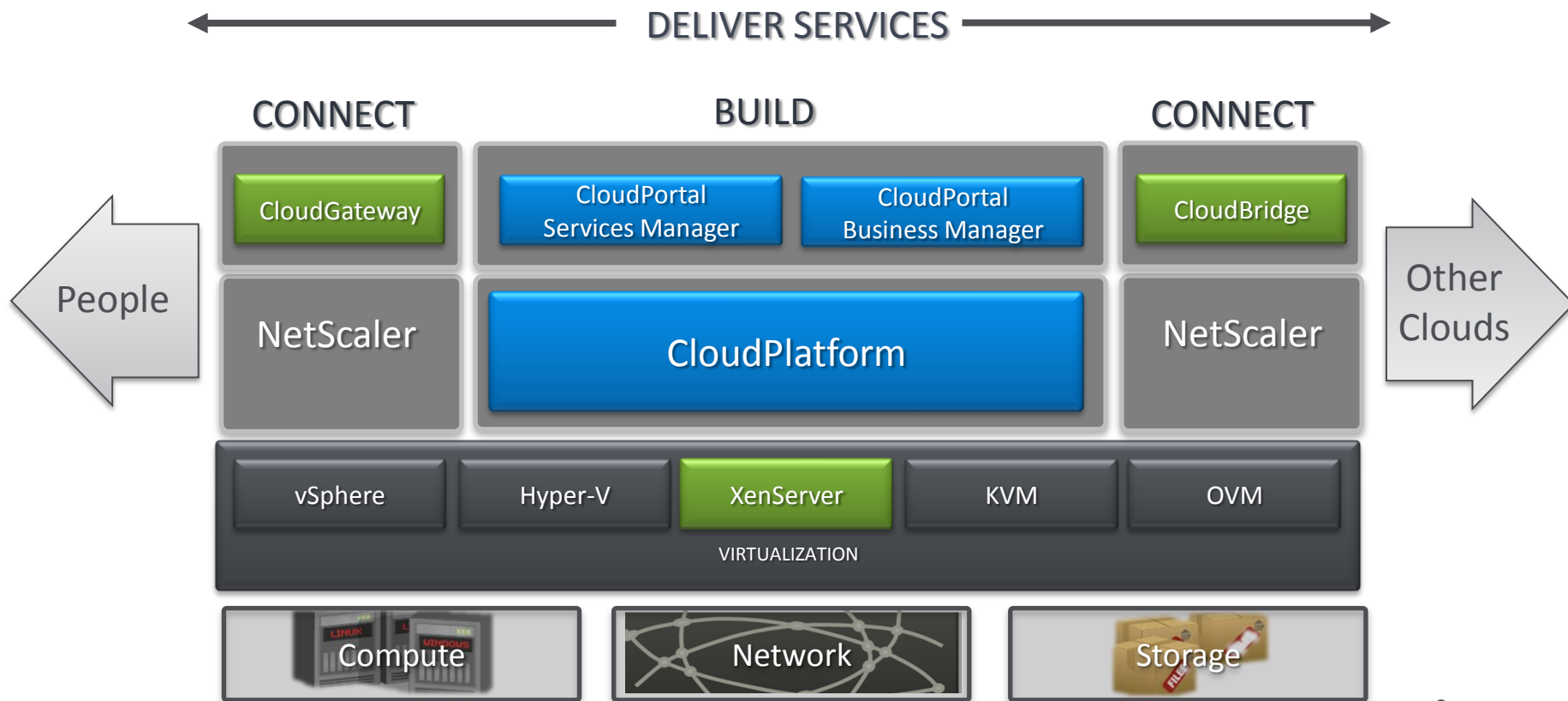
Desktop/App Delivery
Deliver services, XenApps, VAD FlexCast
model and product

Cloud Infrastructure
Consume infrastructure service offerings
Cloud Platform, Microsoft, traditional
from private/public cloud as well as
hypervisors, traditional virtual resources

- Microsoft's new capabilities in Windows Server 2012 and Windows 8 reduce costs, improve user experience and significantly simplify desktop virtualization
- Citrix products embrace the Microsoft platform to address many customer challenges:
 - Support XP, Vista, Windows 7 and Windows 8 virtual desktops – to smoothen transition issues/challenges
 - Extend delivery to over 1.5 billion devices – to support consumerization of IT, BYO
 - Support multiple Windows Server versions – to provide flexibility for a phased migration
 - Support Microsoft Private Cloud Infrastructure – to provide scale-up and scale-out

Microsoft and Citrix are committed to simplifying and accelerating the adoption of desktop virtualization, reducing management complexity and delivering great customer experiences.

Citrix Cloud Components



Infrastructure Cloud

Non Disclosure Agreement

This presentation is confidential. By virtue of your relationship with Citrix, you are bound to retain in confidence all information in this presentation. Material presented here does not necessarily mean they will be generally available as stated

Key Initiatives

- UCS Integration
- Networking Integrations
- Events, Demos
- Cisco Validated Design

Timeline

H1FY13

UCS Use Cases

- Easy onboarding of UCS blades into CloudPlatform
- “Baremetal as a Service”

Networking Integrations

- Integration with Nexus 1000v, ASA 1000v, VSG
- Integration via VNMC or NSM

Events, Demos

Jan – Cisco Live, May – Citrix Synergy, June – Cisco Live
CloudPlatform + UCS + Nexus 1000v + VXLAN + ASA 1000v + NetScaler

Cisco Validated Design

- CloudPlatform on FlexPod

H2FY13

UCS Use Cases

- On demand installation of XS, vSphere, KVM
- UCS Profile extraction and storage
- Dynamic Resource repurposing

Networking Integrations

- vPath – configure NS, ASA 1000v, VSG

Events, Demos

Oct – Citrix Synergy - CloudPlatform + UCS + Nexus 1000v + VXLAN + ASA 1000v + NetScaler + VSG + vPath

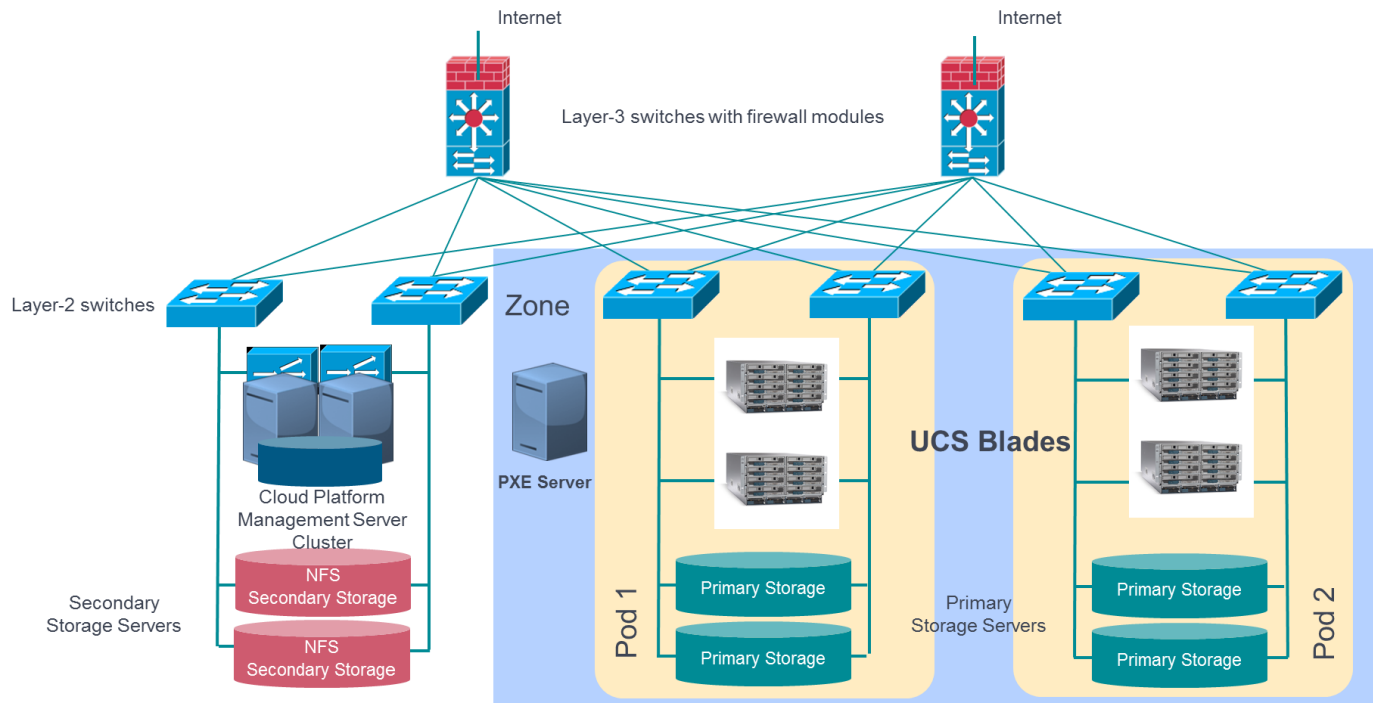
Cisco Validated Design

CloudPlatform on VMDC, XenDesktop/CloudPlatform/FlexPod

CloudPlatform - UCS integration

- **What:** Tighter integration of Cisco UCS blades with Citrix CloudPlatform
 - Easy onboarding of new UCS blades for use by CloudPlatform
 - Deployment of OS/Hypervisor image
- **Why:** Easy, dynamic expansion of cloud resources
- **How:** Leverage programmability of UCS Converged Infrastructure and CloudPlatform's Orchestration

CloudPlatform – UCS integration Architecture

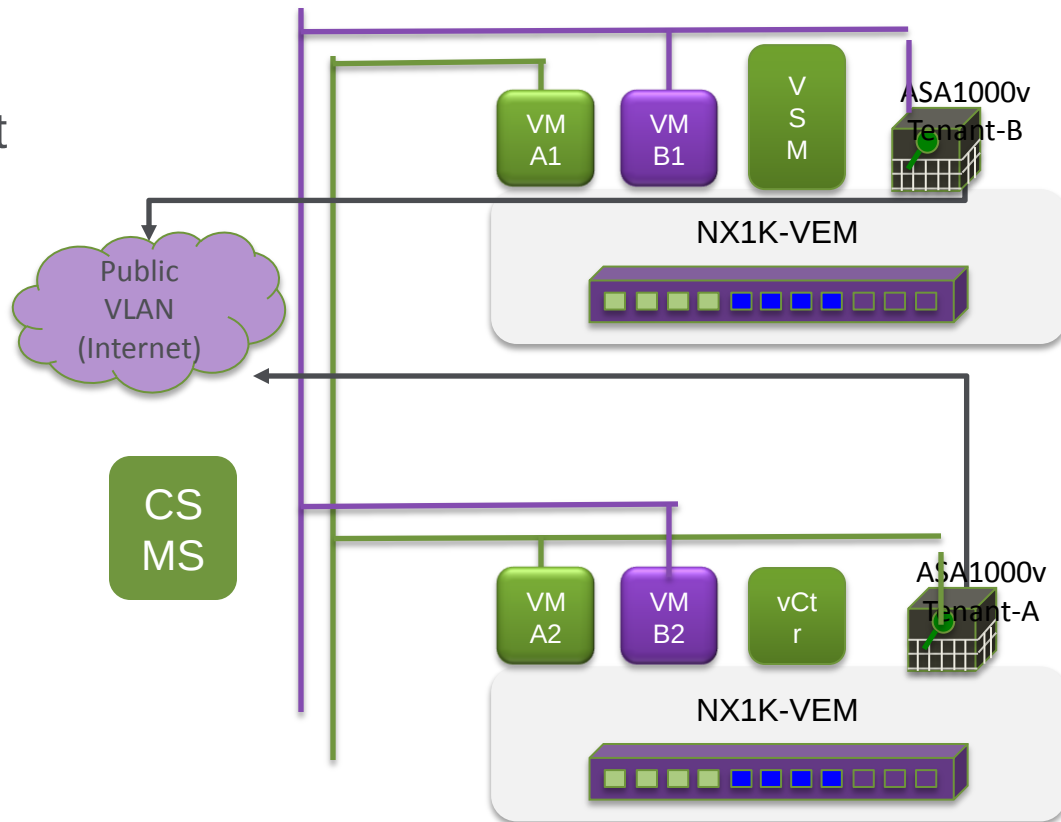


UCS - CloudPlatform Integration Details

- Easy onboard of UCS Blades on CloudPlatform
- Provision and deploy XenServer on Blades
- Using UCS blades as Physical Servers (vs. VMs) – “Baremetal as a Service”
- Extending to more Hypervisor platforms (vSphere, KVM etc.)
- Dynamic Resource repurposing – autonomically, flex resource capacity
 - Define threshold where more UCS blades are added or removed automatically
 - Consolidate sparsely used UCS blades to reclaim hosts or repurposing
- UCS Profile extraction and storage
 - Allows easy duplication of host configuration when adding a new host to CloudPlatform

Future Integration with Cisco ASA-1000v

- CloudStack will instantiate a separate ASA-1000v per tenant
- CloudStack programs tenant specific FW rules on ASA via VNMC
- All VLAN traffic of the tenant to the public Internet now flows through the firewall



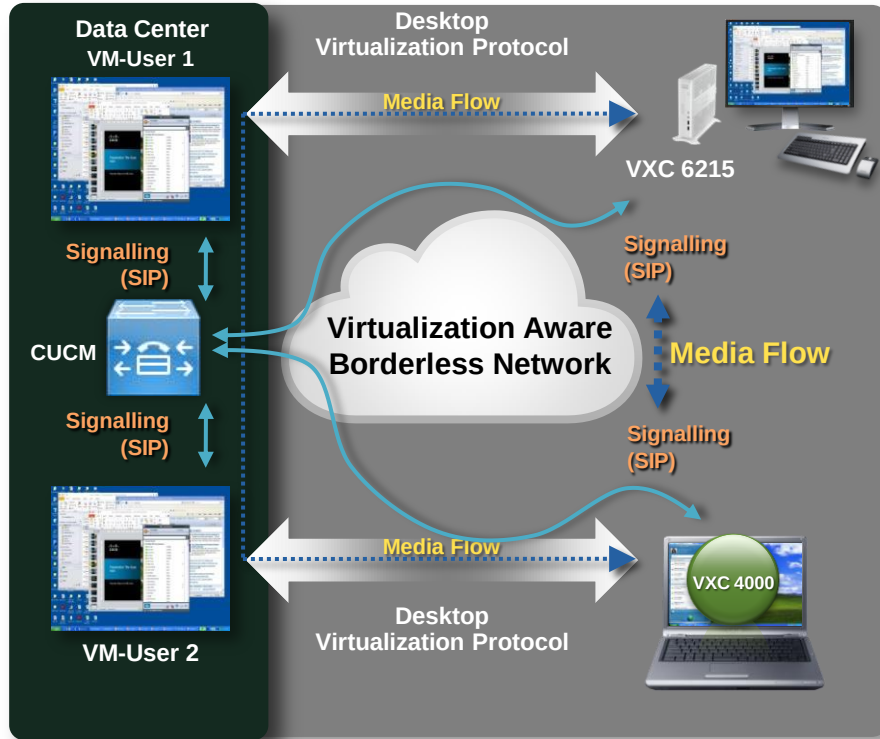
Other areas for Collaboration

- NewScale + CloudPlatform
- CVD for CloudPlatform & Hybrid Cloud

Cisco and Citrix

Solutions

Unified Voice, Video, Virtual Desktop Solution (XenDesktop and XenApp)



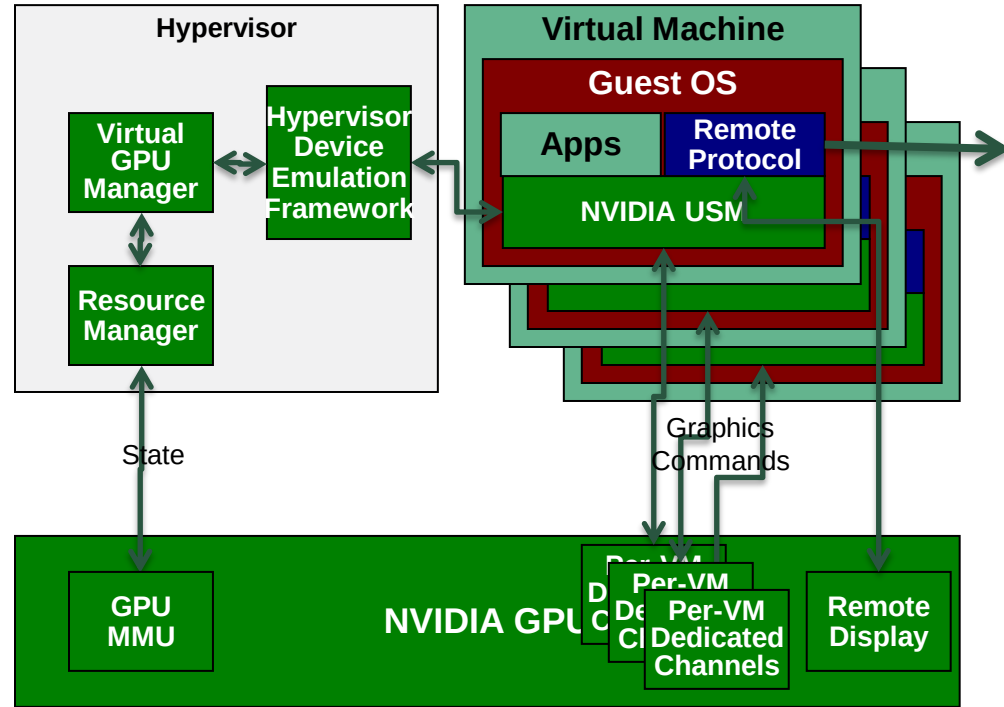
- **Uncompromised user experience**
 - Routes voice and video point-to-point
- **Optimized resources**
 - Bandwidth reduction from megabytes to kilobytes
 - Reduced processing in data center
- **Enterprise-grade voice and video**



HDX 3D support with Cisco C240 servers

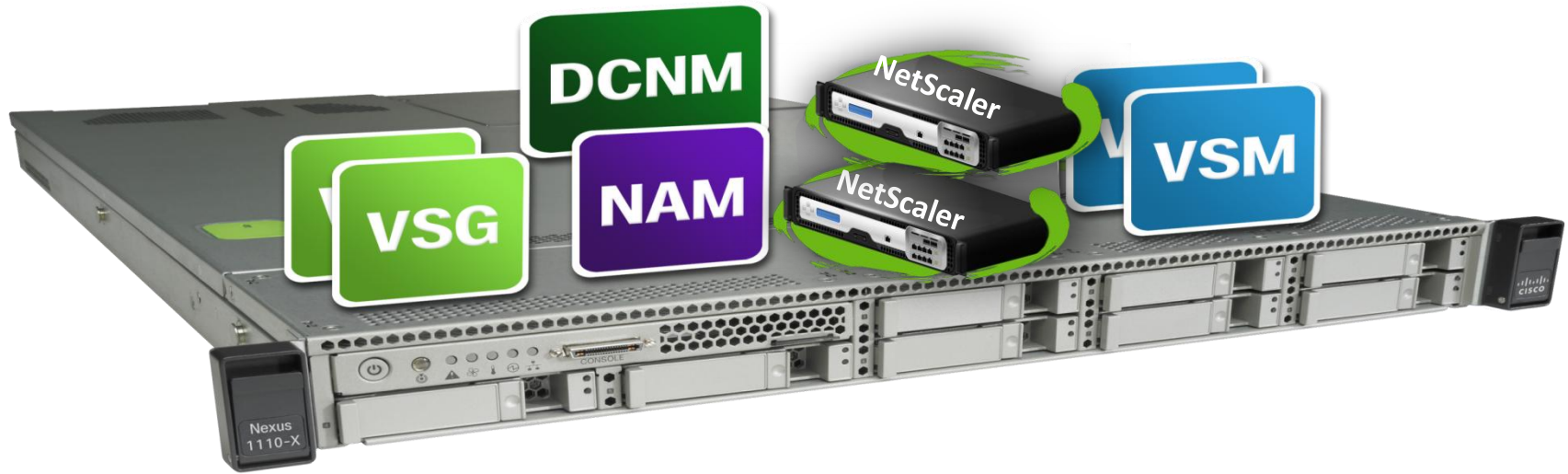
Full NVIDIA VGX GPU

- Designer, Power or Knowledge User
- Virtual desktops
 - XenDesktop 5.x
 - XenDesktop 6.x
- NVIDIA Grid K1 and K2
- Cisco UCS C240 M3 Server

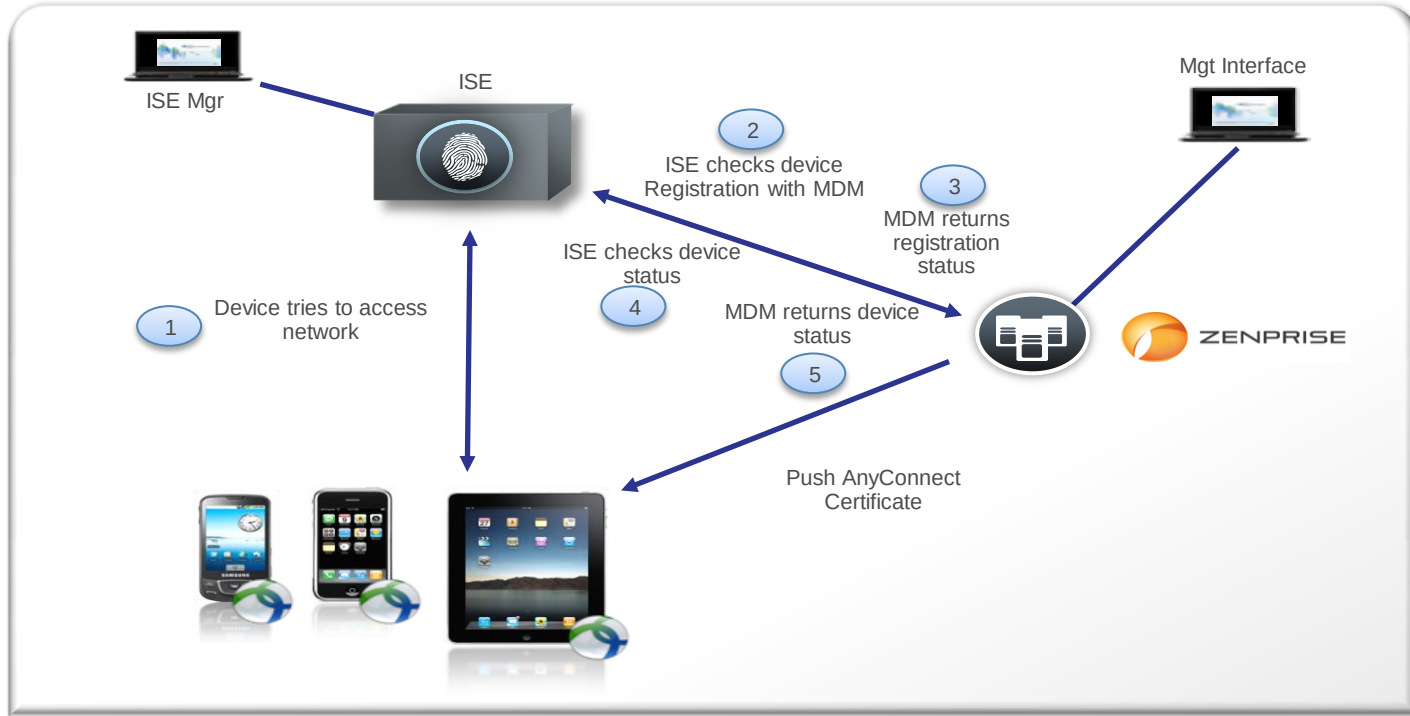


Nexus 1100 Series

Cloud Services Platform for Netscaler



Cisco + XenMobile MDM: Full-Circle Mobile Device Management and Security



References

- <http://www.cisco.com/go/citrix>
- <http://www.citrix.com/cisco>
- Look for:
 - Citrix XenDesktop: Best Practices with Cisco UCS
 - Citrix CloudPlatform Version 3.0.4 on the Cisco UCS B200 M3 Blade Server



Work better. Live better.