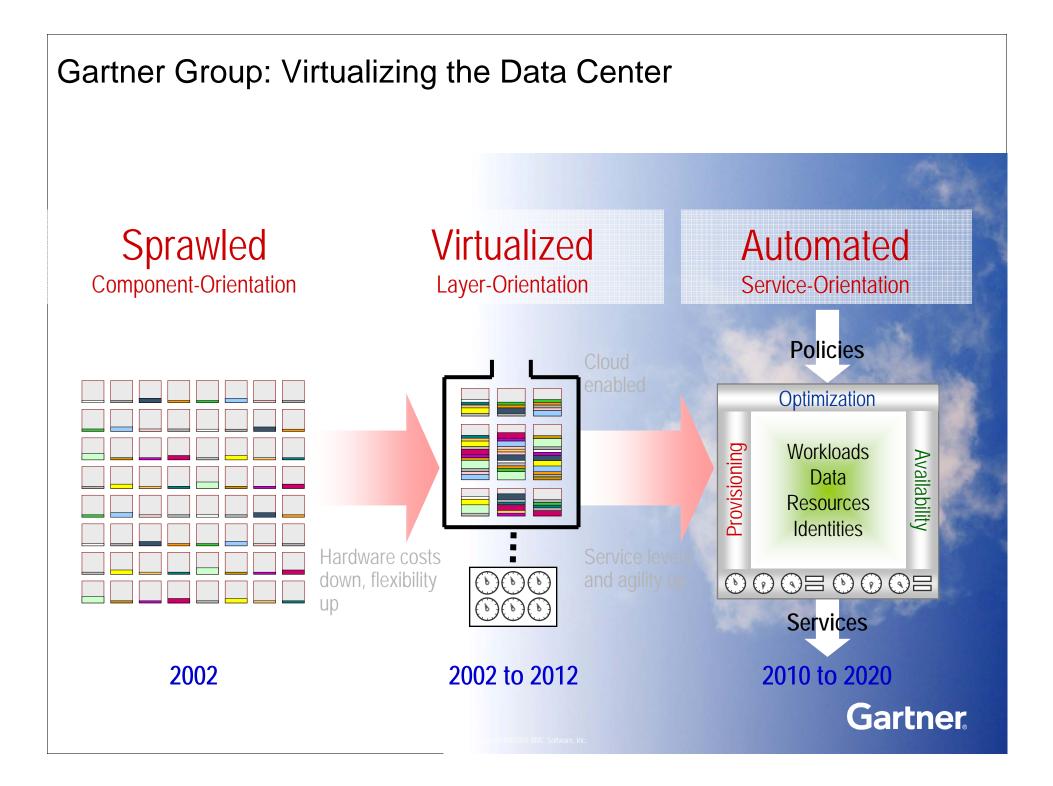


BMC BladeLogic for Cisco UCS

Tore Brynaa Business Solution Manager, BMC Software

> BUSINESS RUNS ON I.T. I.T. RUNS ON BMC^{**}



Shortsoftware

100 - 90 = 110

Shortsoftware

100 - 90 = 120

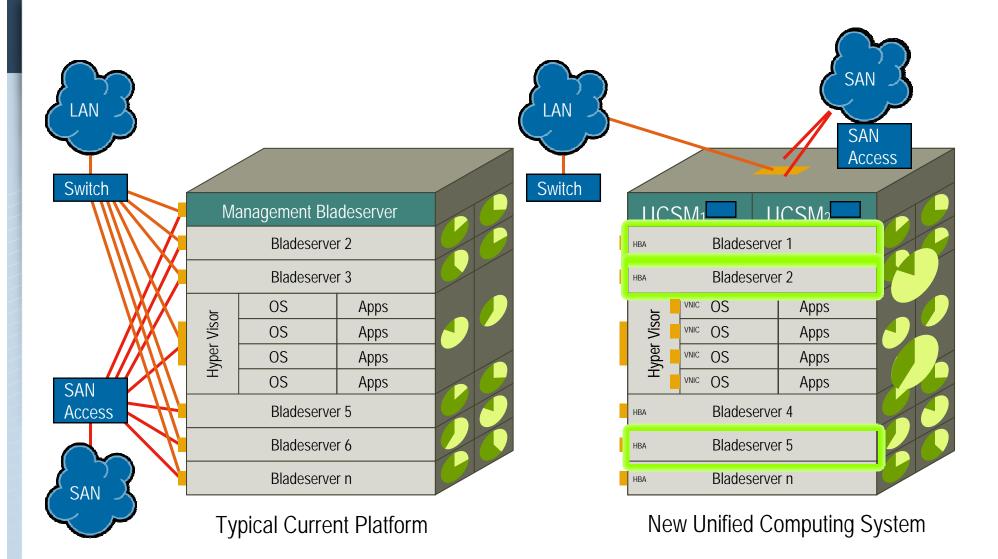
Agenda

Software

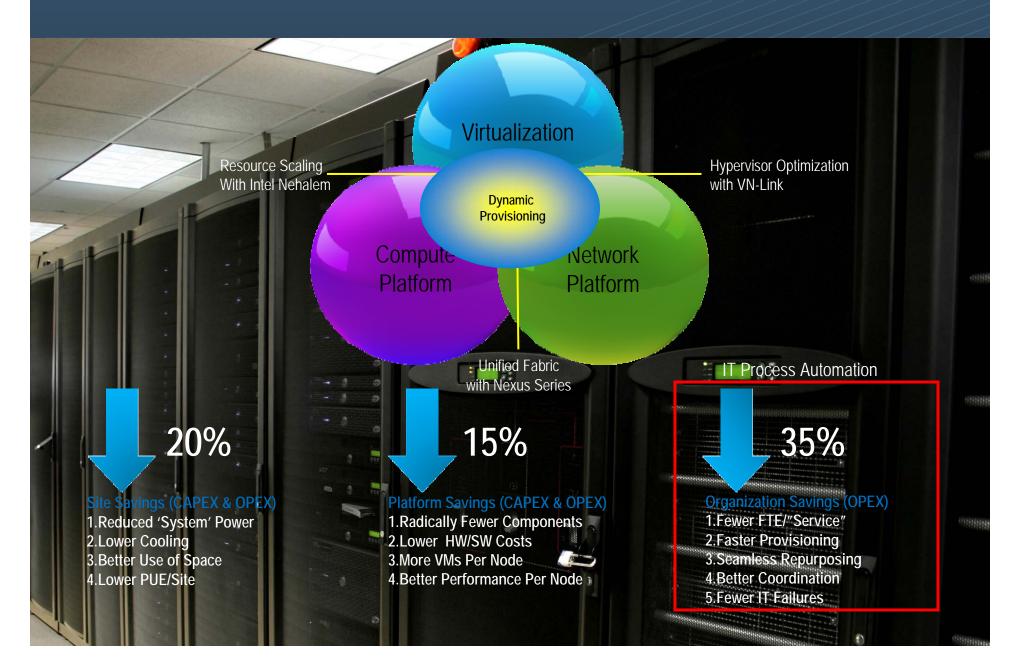
- Cisco's Unified Computing System Review
- ► What Does Cisco OEM from BMC?
- Why Do UCS Customers Need It?
- ► How's it Work?
- What Makes BladeLogic for Cisco's UCS Better?
- What's the Proof?



Unified Fabric & Integrated Management



The Cisco Unified Computing System

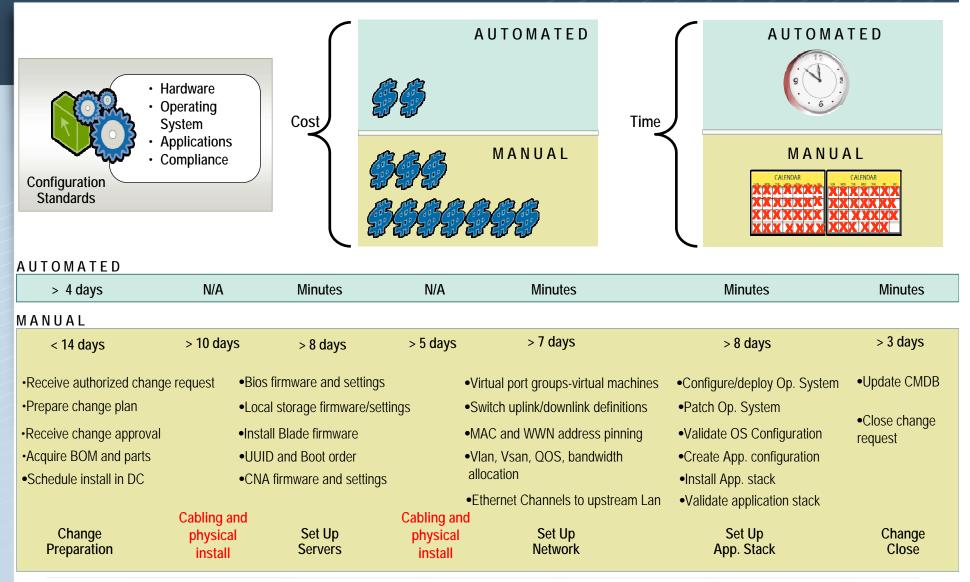


What Does Cisco OEM from BMC?

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Built-in Automation in Cisco UCS Powered by BMC BladeLogic



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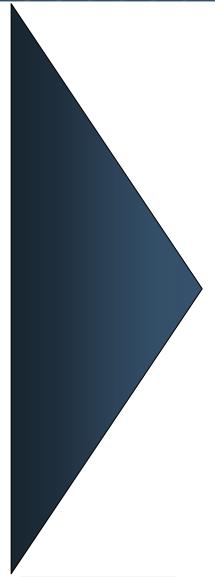
Why Do UCS Customers Need It?

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Required Capabilities

- > Discovery of Cisco UCS hardware, profiles, and polcies.
- > Single console management of Physical and Virtual Envionments
- > Seamless management of Cisco UCS Templates across UCS instances
- > Global management of MAC, WWN and UID across UCS instances
- Settings and Drift Management (device, baseline, policy) with automated way to consistently remediate non-authorized changes (non-compliant devices)



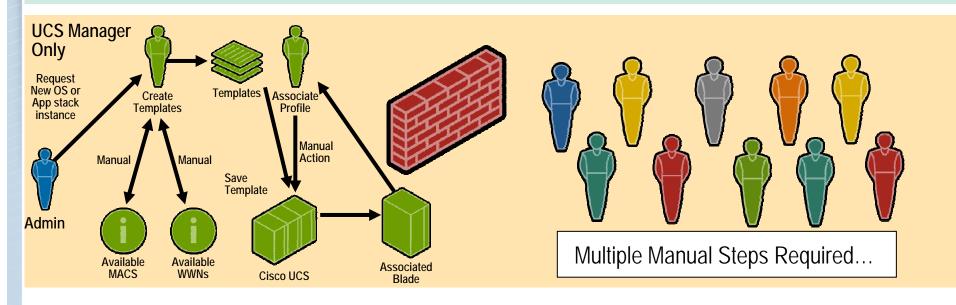
Solution

Without BMC BladeLogic for Cisco UCS: Full Stack Server Provisioning

Software

UCS Manager Only Limitations

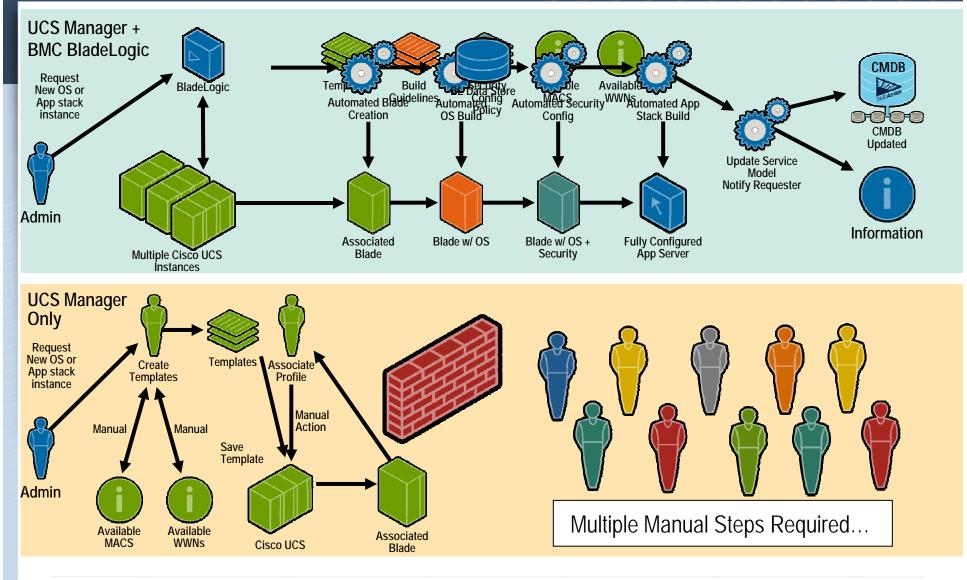
- •Templates can NOT be shared across UCS instances
- •Available MAC addresses are scoped per UCS Manager instance
- •Available WWN addresses are scoped per UCS Manager instance
- •Available UUIDs are scoped per UCS Manager instance



12

With BMC BladeLogic for Cisco UCS: Full Stack Server Provisioning

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13

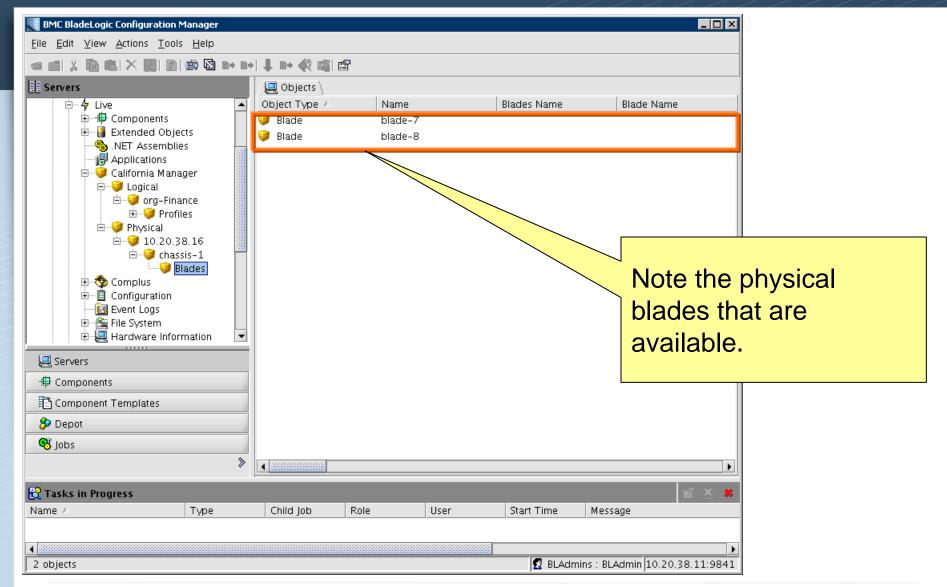
How's it Work?

Software

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Discovery...



Provisioning...

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Provisioning wizard...

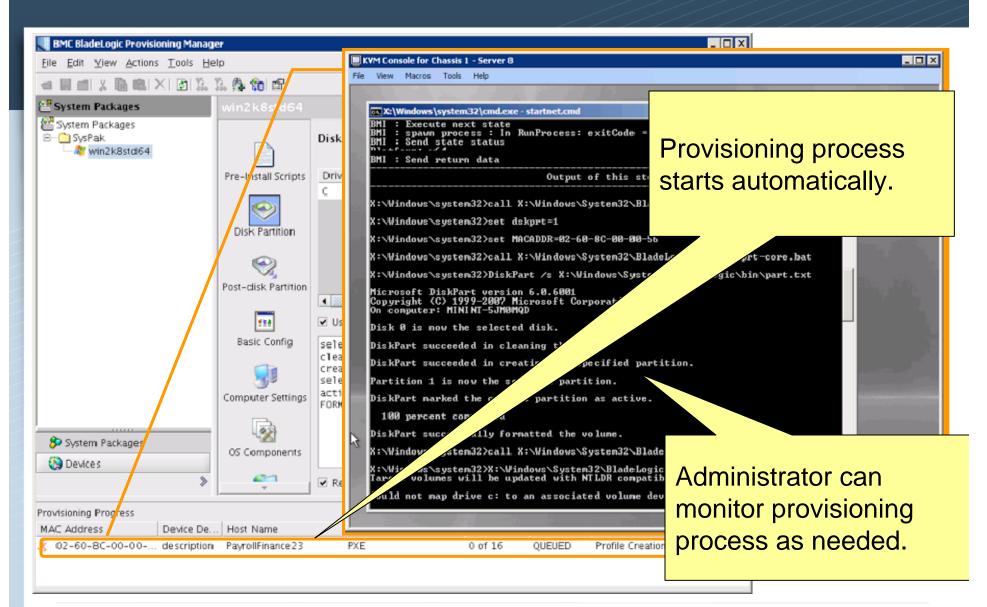
💐 BMC BladeLogic Provisioning Manager	- -	
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System Packages win2k8std64		
System Packages SysPak SysPak Save Save Save Save Save Save Save Save Save Save Save Save Save Save Save System Packages System Packages System Packages Save Save Save System Packages Save S	IP Configuration Obtain an IP address automatically Use the following IP address IP address: Subnet mask: Default gateway: DNS Configuration Obtain DNS Obtain DNS Frimary DNS server: Secondary DNS server:	Purpose built integration to California allows administrators to quickly provision new systems using a simplified wizard driven interface.
Provisioning Progress		
MAC Address A Device De Host Name	Device Type Progress Completed Mo	ost Rece Date Job Started
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Provisioning wizard...

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System Package Administrator can setting information	s Secor tor customize "OS"	Rack Next > Cancel

Provisioning in progress...



What Makes BladeLogic for Cisco USC Better?

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What Makes Us Better? BMC BladeLogic for Cisco UCS

Unified Policy Model	 > Single Consolidated Management interface for the full stack, physical and virtual > Real-time granular configuration access and control 	
Global Management of UCS	 Ability to centrally manage MAC, WWN, and UUIDs across UCS instances Ability to create and centrally manage UCS hardware service profiles 	
Role-Based Access Control and Segregation of Duties	 > Restrict access at three levels: task, configuration and policy > Increased security > Task delegation to low skilled resources 	
Composite Packaging	 > Standards based and cross platform > Built-in roll back > Easy re-use of packages 	
Closed-Loop Compliance	 Audit and remediate with surgical precision Handle exceptions and complex policy rules 	

What's the Proof?

Software

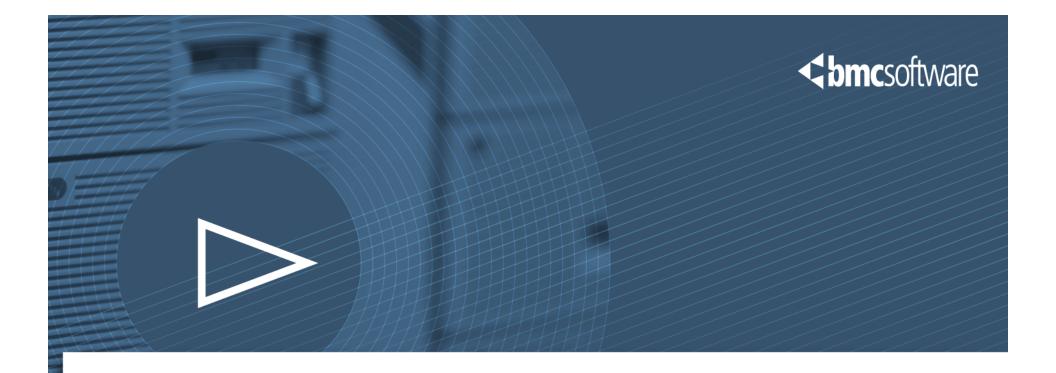
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Proof Point – Edmons.com

- > BMC Automation Reduces Deployment Time and Server Administration Costs for an Online Professional Services Company
 - 95% Reduction in crashes caused by configuration changes
 - 90% Reduction in emergency system changes
 - Operations can automatically track changes and delegate selected administrative tasks to subgroups

	Before BMC	With BMC
Provisioning Time (95 servers)	3 months	2 days
Improved Server to Admin Ratio	60:1	120:1



Thank You

Tore Brynaa Tbrynaa@bmc.com

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