



Microsoft®

System Center 2012

Datacenter Management and The Private Cloud

Troy Sharpe
Core Infrastructure Specialist
Microsoft Corp, Education

System Center Evolution



App Controller

Operations
Manager

Service
Manager

Orchestrator

Virtual Machine
Manager

Data Protection
Manager

Configuration
Manager

ENABLE THE CLIENT

ENTER THE
DATACENTER

INTEGRATED
VIRTUALIZATION

HETEROGENEOUS SUPPORT

EMBRACE THE CLOUD

On Cloud Computing



Cloud Optimize Every Institution

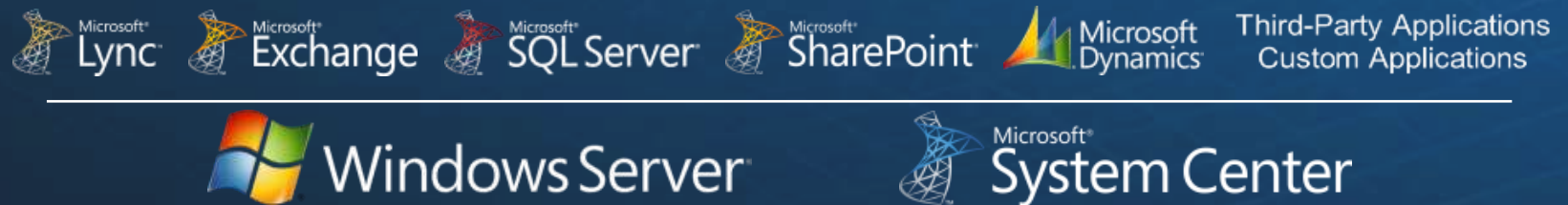
PUBLIC



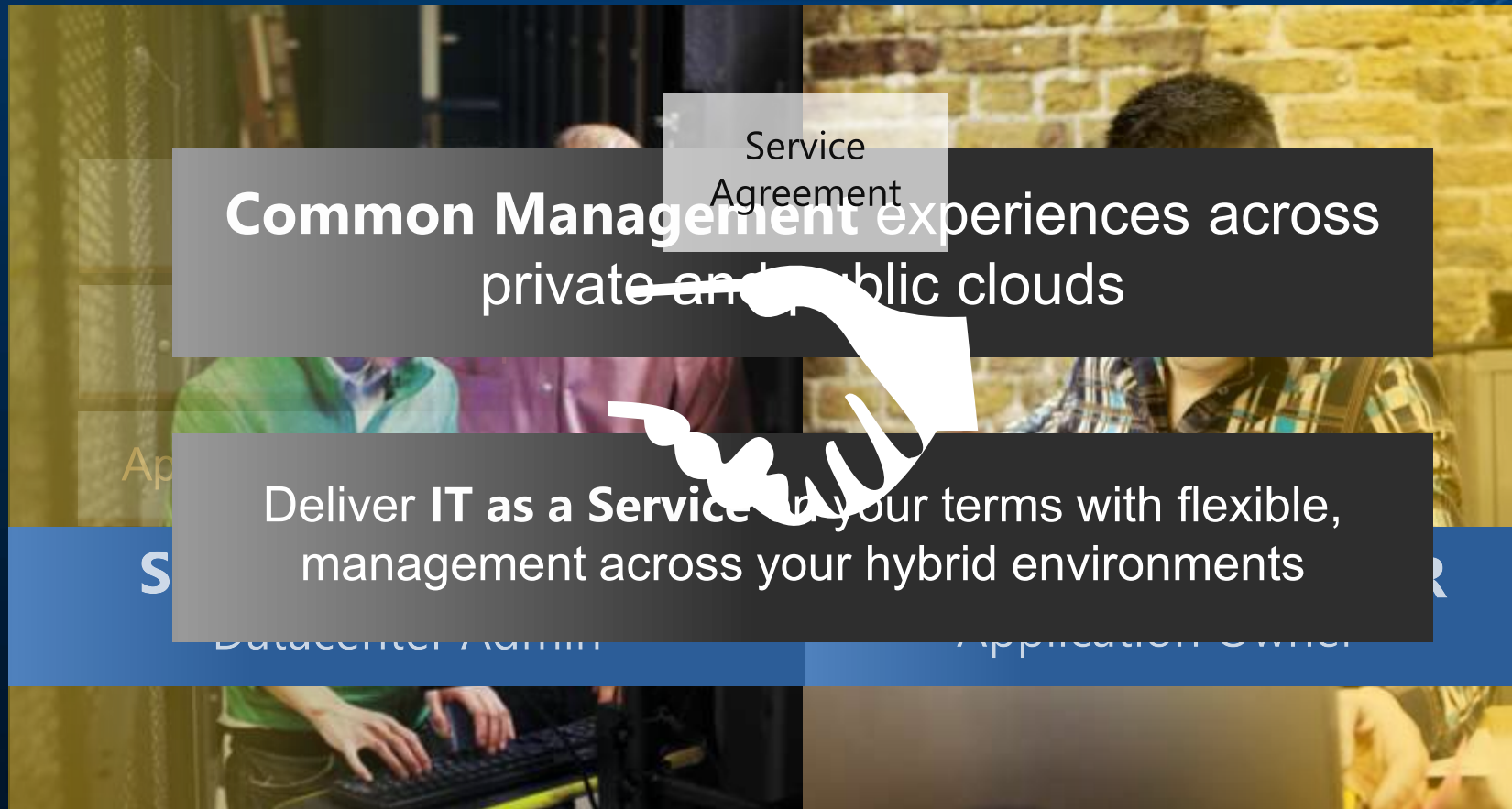
COMMON TECHNOLOGIES

IDENTITY ▪ VIRTUALIZATION ▪ MANAGEMENT ▪ DEVELOPMENT

PRIVATE



The first Group of things and Data get the Business/Ther conversation



Self-Service

Service Management

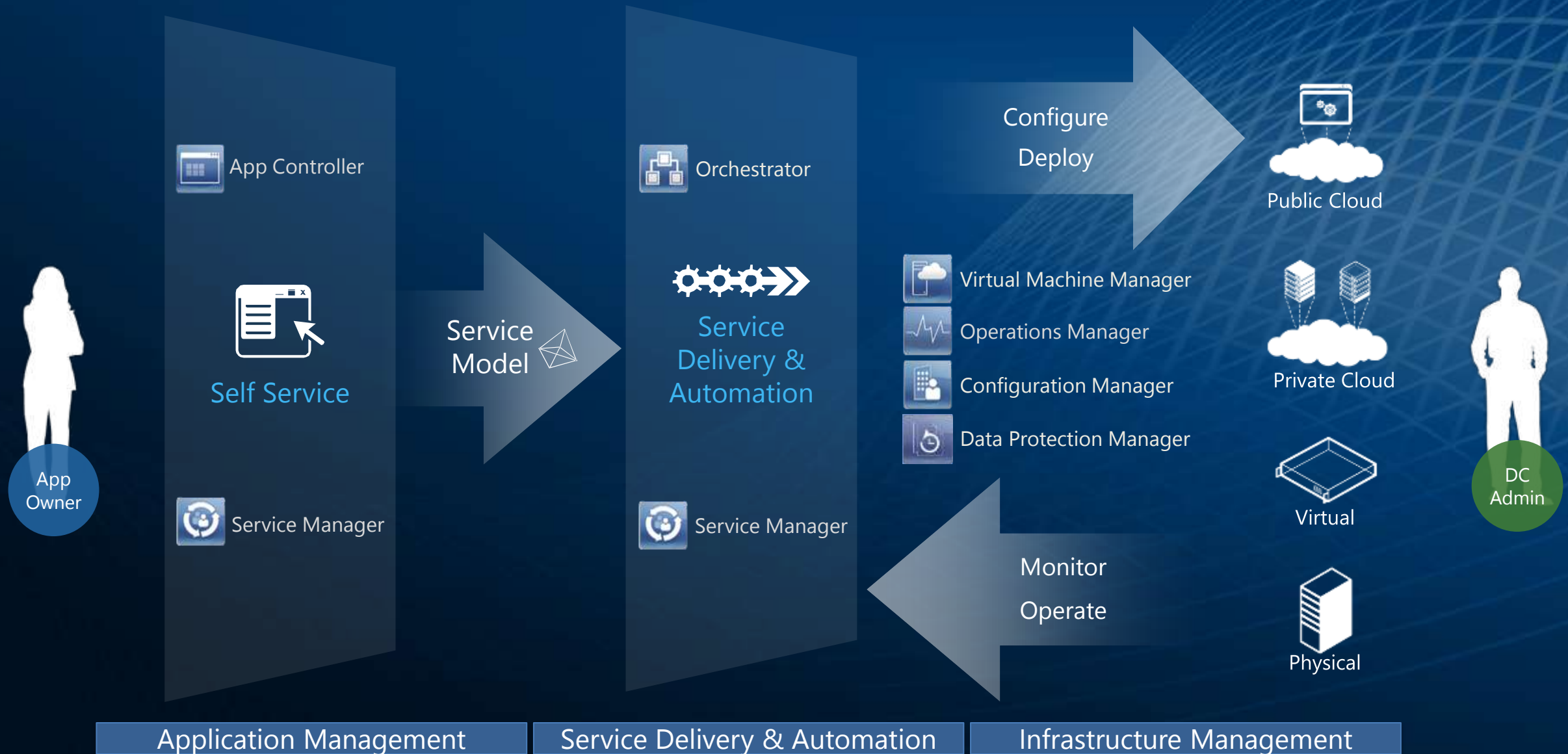
Process Automation

Provisioning
& Configuration

Monitoring

Protection

System Center Helps Deliver IT as a Service



System Center 2012 Cloud & Datacenter Management

PRODUCTIVE INFRASTRUCTURE



Deliver flexible and cost effective infrastructure with what you already know and own

- Heterogeneous support
- Process automation
- Self-service infrastructure

PREDICTABLE APPLICATIONS



Apps power your Institution
Deliver predictable application service levels with deep application insight

- Deep application monitoring and diagnosis
- Comprehensive application manageability
- Service-centric approach

YOUR CLOUD



Private and public cloud computing on your terms managed with a common toolset

- Flexibility with delegation and control
- Applications self-service across clouds
- Physical, virtual, and cloud management

App Controller *NEW!*

New for 2012

- Role-based access for the App Owner
- Single view of delegated resources across private & public clouds
- Deploy and manage services as well as virtual machines

Benefits

- Increase App Owner agility with self-service interface
- Save time by bringing together all delegated infrastructure
- Improve reliability by deploying template-based services

Virtual Machine Manager

New for 2012

- Aggregate, standardize and delegate datacenter resources
- Multi-vendor hypervisor support
- Service Templates
- Server Application Virtualization
- Dynamic Optimization

Benefits

- Preserve and optimize existing infrastructure investments
- Improve infrastructure SLAs
- Save time with standardized service creation and upgrades
- Reduce costs through power optimization

Orchestrator *NEW!*

New for 2012

- Workflow automation
- Third party integration
- Simple design of custom workflow runbooks and integration packs
- Publish-Subscribe Data Bus

Benefits

- Lower costs and increase reliability by automating repetitive tasks
- Simplify heterogeneous datacenter management

Configuration Manager

New for 2012

- Improved Settings management with remediation
- Integrated anti-malware with System Center Endpoint Protection
- Integrated Software Catalog for Self-Service
- Delegated Administration

Benefits

- Increase compliance
- Improve support for virtualized environments
- Reduce cost through integrated security

Service Manager

New for 2012

- Service Catalog
- Self Service Request Portal
- Release & SLA Management
- Data Warehouse & Reporting

Benefits

- Increase organizational agility with customized service offerings
- Improve compliance through process management
- Improve business intelligence through customized reporting

Operations Manager

New for 2012

- Application Performance Management
- Monitoring across public and private clouds
- Improved UNIX & Linux support
- Network Monitoring
- Customizable dashboards

Benefits

- Simplify management with visibility across the stack
- Decrease time to resolution with deep application insight
- Improve insights with personalized reporting

Data Protection Manager

New for 2012

- Centralized management of DPM servers
- Role based administration
- Item-level recovery for virtual machines

Benefits

- Save time with consolidated management server console
- Secure access for the broader IT team
- Quicker time to recovery

Private Cloud Licensing:

Maximizes your private cloud value while simplifying purchasing

Microsoft Private Cloud licensing delivers:



Private Cloud Value:
Maximizing cloud capacity with unlimited virtualization



Simple Licensing:
Delivering a consistent model that is easier to manage

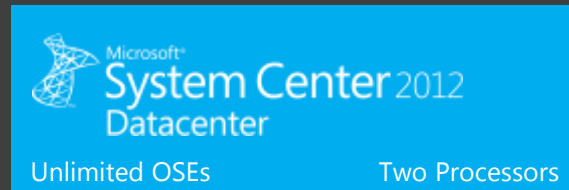


Consistent Capabilities:
Including all the features in every license

Simplified Server Management Licensing

Low Density or
No Virtualization

Virtualized



- Operations Manager
- Configuration Manager
- Data Protection Manager
- Service Manager
- Virtual Machine Manager
- Orchestrator (Opalis)
- Endpoint Protection *
- App Controller *

Two Editions

Comprehensive private cloud management solution
Differentiated on virtualization

**All the features
All the time**

Manage any workload
Management software and SQL technologies are included

Processor-based Licensing

Simplified purchasing and management

* New Component Introduced with System Center 2012

Just License Your Managed Devices

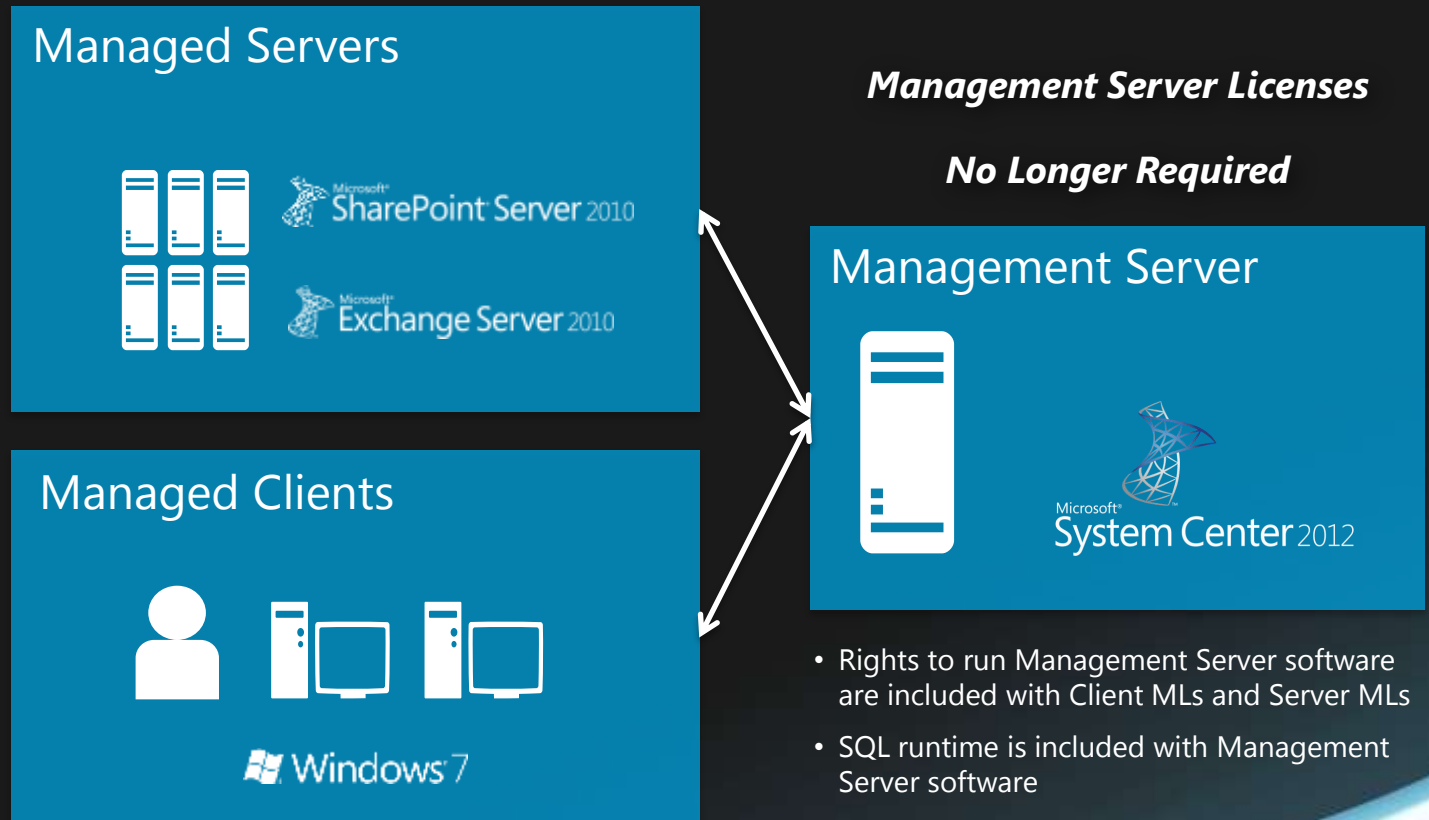
License System Center simply by assigning Management Licenses to managed devices

Licenses Required

Server MLs are required for managed devices that run server OSEs



Client MLs are required for managed devices that run non-server OSEs

Deployment







Cloud & Datacenter Management Summary

Maximize the value of private cloud while easing purchasing

Editions Private Cloud technology offered in two simple editions (Standard, Datacenter) differentiated only by virtualization rights	License Type Each license covers up to 2 physical processors	Capabilities Provide all the to enable any private cloud workload	Virtual Rights 2 OSEs	Virtual Rights Unlimited
Standard Low virtualization density Private Cloud 	✓	✓	✓	
Datacenter High virtualization density Private Cloud 	✓	✓		✓
License Transition	Customers get the most out of System Center SA investment through the license migration grant to the System Center 2012 integrated product			

Licensing Transition Plan

Current License	Grant Conversion Ratio	System Center 2012 License		
Server Management Suite Datacenter	2 → 1*		➔	Same license coverage, great new capabilities and components
Server Management Suite Enterprise	1 → 2		➔	Manage up to 2X number of servers
Any Single Enterprise Server Management License	1 → 1		➔	Receive all System Center 2012 capabilities
Any Single Standard Server Management License	1 → 1		➔	Receive all System Center 2012 capabilities, manage any workload

* SC 2012 Datacenter covers up to 2 processors per license whereas SMSD only covers 1 processor per license.

System Center 2012 Cloud & Datacenter Management

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