



# Microsoft® System Center 2012

## Cloud and Datacenter Management

Microsoft System Center 2012 transforms the way you deliver IT and application services to your organization, optimizing resources across public and private cloud, managed from a single pane of glass.

System Center 2012 cloud and datacenter management solutions help you:

**DELIVER FLEXIBLE AND COST-EFFECTIVE INFRASTRUCTURE USING WHAT YOU ALREADY OWN.** Integrate heterogeneous datacenters and pool your datacenter resources into a private cloud. Give business users self-service access to infrastructure while you retain control of your IT assets.

**PREDICT APPLICATION SERVICE LEVEL AGREEMENTS (SLAS) WITH CONFIDENCE.** Gain deep insight into what's happening to applications inside your servers and virtual machines to address issues faster.

**MANAGE PRIVATE AND PUBLIC CLOUD COMPUTING IN ONE PLACE.** Build your own hybrid cloud, exercising your choice of where to run application workloads, whether in your private or a public cloud. Then manage both from the same screen.



- App Controller
- Operations Manager
- Orchestrator
- Service Manager
- Virtual Machine Manager
- Data Protection Manager
- Endpoint Protection
- Configuration Manager

Cloud computing is transforming the way enterprises provide and consume IT services with the promise of more productive infrastructure and more predictable applications.

Business users see cost savings and flexibility when they consume IT as a Service—a service that they self-allocate through a portal, that scales up or down according to their needs, and that they pay for based on use.

Datacenter administrators see cost savings by pooling shared resources into a private cloud that serves multiple business users who consume only what they need. Flexibility comes from leveraging public cloud resources to complement on-premises capacity.

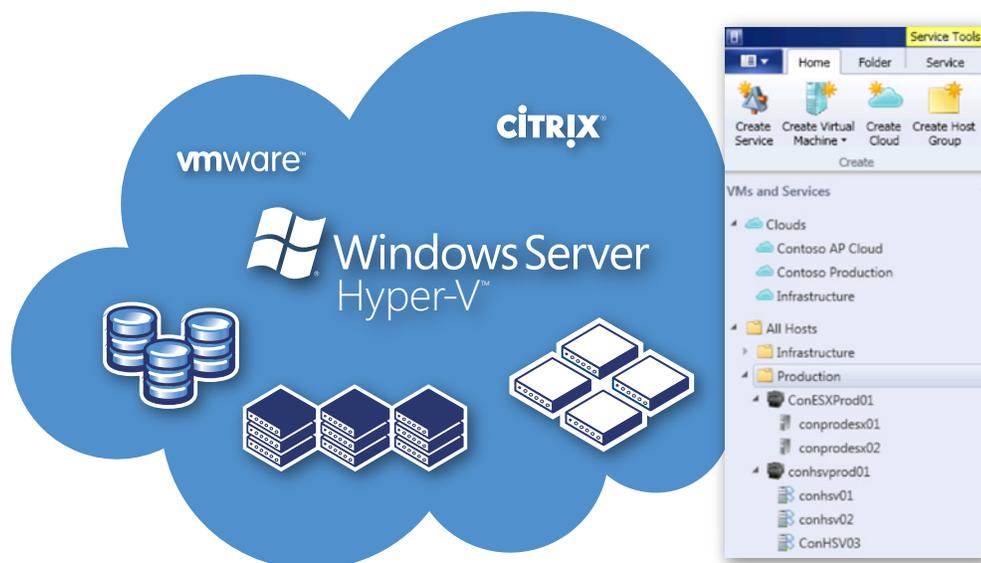
System Center 2012 enables enterprises to benefit from both private and public cloud computing while still satisfying their unique business needs. It organizes existing IT assets (network, storage, compute) into a private cloud that is seamlessly integrated with public cloud services—a hybrid cloud you can manage from a single pane of glass.

Deliver flexible, cost-effective infrastructure using what you already own

### Heterogeneous support

System Center 2012 enables you to integrate a wide range of technologies into a coherent private cloud:

- Manage different hypervisors centrally from a single pane of glass with support for Windows Server Hyper-V, VMWare vSphere, and Citrix XenServer.
- Monitor Windows Server, Sun Solaris, and various Linux and Unix distributions.
- Integrate toolsets from HP, CA, BMC, EMC, and VMware into automated workflows.



*Create clouds from your existing IT infrastructure.*

**Process automation**

Make your private cloud more efficient by building automated workflows for standard processes such as incident management, problem management, change management, and release management.

**Self-service infrastructure**

Standardize compute, network, and storage resources into a private cloud fabric that is then allocated to business units using Active Directory.

Use a service catalog that enables application owners to request and consume capacity in self-service mode.

Predict application SLAs with confidence

**Deep application monitoring and problem diagnosis**

Deep integration with .NET applications enables developers to pinpoint the root cause of application issues down to the offending line of code, enabling faster discovery and resolution.

Easy-to-use dashboards and reports help you effectively track and communicate the status of your SLAs.

Integration with Visual Studio enables seamless collaboration between development and operations teams so they can resolve problems faster and improve SLA compliance.

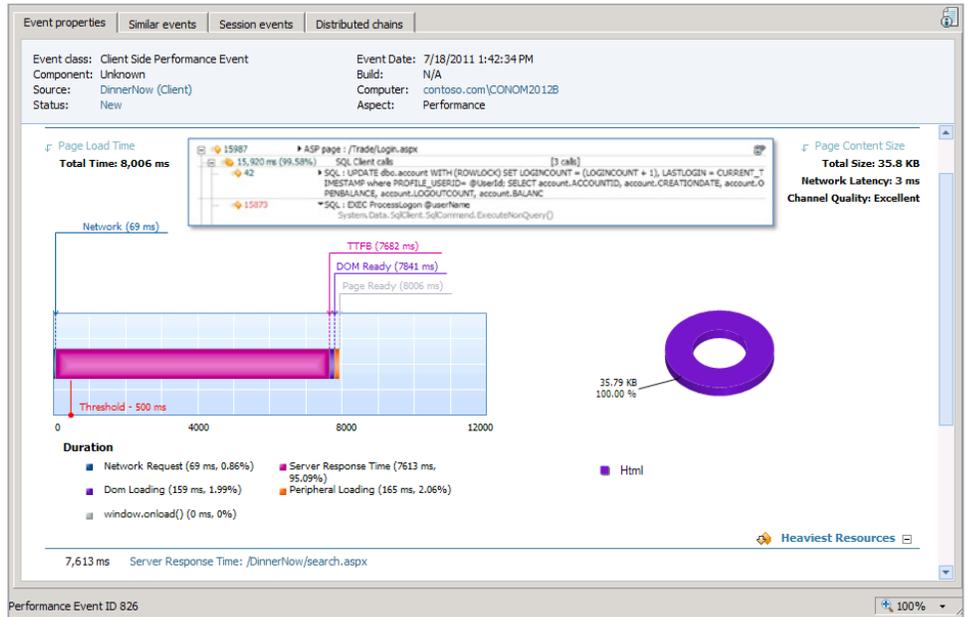
**Standardized provisioning of application services**

Draw on the service-modeling capabilities in service templates so that application owners can repeatedly and reliably compose, configure, and deploy application services to the cloud.

Visualize application service deployments as well as reconfigure them across private and public clouds.

**Simplified management of applications**

Ease deployment of applications to the cloud through Server Application Virtualization (SAV), which removes application dependencies on specific infrastructure. SAV can also reduce



Quickly pinpoint application performance issues for rapid resolution.

administrative effort and expense by simplifying application servicing through image-based management.

Manage private and public cloud computing in one place

**Application self-service across clouds**

Application owners get a consistent self-service experience by providing single-pane-of-glass visibility and control across private cloud and Windows Azure application services.

**Flexible delegation with control**

Construct and manage clouds across multiple datacenters, infrastructures

(Microsoft, VMware, and others), and service providers such as Windows Azure.

Delegate authority and enable self-service flexibility without sacrificing the centralized control IT pros need to ensure security and compliance.

**Physical, virtual, and cloud management**

Extend familiar on-premises management to hybrid cloud environments.

For more information about System Center 2012, visit [www.microsoft.com/systemcenter](http://www.microsoft.com/systemcenter).

Cloud	Connection name	System type	Description	Subscription ID	vCPU capacity	Memory capacity	Disk Space
Windows Azure	Acceptance Testing	Windows Azure	Subscription for...	1AF2FB7E-4C1...	0 / 0	0 GB / 0 GB	0 GB / 0 GB
Windows Azure	Dan's Cloud	Windows Azure	Developer Dan's...	CFC79174-0F3F...	0 / 0	0 GB / 0 GB	0 GB / 0 GB
Windows Azure	Development	Windows Azure	Subscription for...	66C57465-BED...	0 / 0	0 GB / 0 GB	0 GB / 0 GB
Windows Azure	Production	Windows Azure	Subscription for...	0EFFF208C-873F...	0 / 0	0 GB / 0 GB	0 GB / 0 GB
Windows Azure	Repro	Windows Azure	Subscription to perform...	13d47876-149c...	0 / 0	0 GB / 0 GB	0 GB / 0 GB
Windows Azure	Test	Windows Azure	Subscription for testing...	1438CB24-4D1...	0 / 0	0 GB / 0 GB	0 GB / 0 GB
VMM Staging	Development - Bronze	VMM Staging	Virtual Machine Manager 2012. Bronze service level cloud...		12 / unlimited	48 GB / 256 GB	480 GB / 10.00 TB
VMM Staging	Development - Silver	VMM Staging	Virtual Machine Manager 2012. Silver service level cloud...		24 / 64	96 GB / 256 GB	960 GB / 5.00 TB
VMM Production	Production - Gold	VMM Production	Virtual Machine Manager 2012. Production cloud with...		400 / 512	1.00 TB / 4.00 TB	15.00 TB / 20.00 TB
VMM Production	Test - Bronze	VMM Production	Virtual Machine Manager 2012. Bronze service level cloud...		120 / 256	480 GB / 512 GB	4.00 TB / 10.00 TB
VMM Production	Test - Silver	VMM Production	Virtual Machine Manager 2012. Silver service level cloud...		128 / 256	480 GB / 512 GB	8.00 TB / 10.00 TB

Monitor resources across both private and public clouds in the same place.