

# Dell Multi-Cloud Manager

Deploy and manage enterprise-class applications across private, public and hybrid clouds

Your ability to maximize the full potential of your cloud infrastructure is here. With Dell Multi-Cloud Manager, you can precisely control how services are consumed to balance demand, cost, reliability, security and performance. By optimizing that balance, your cloud infrastructure will have the promise to remove barriers to business agility.

Multi-Cloud Manager helps you achieve this by accelerating resource provisioning, supporting application scaling, and implementing fine-grained cost assignment to ensure better matching of IT costs to business value. In addition, Multi-Cloud Manager helps you realize those benefits without compromising established IT concerns like security and audit trail tracking. Multi-Cloud Manager enables you to deploy and manage enterprise-class applications across your private, public and hybrid clouds. It provides a suite of tools for managing your cloud infrastructure, including the

provisioning, management and automation of applications across the leading private and public cloud platforms. Available as software-as-a-service or as on-premises software that enables you to control the cloud from within your own data centers, Multi-Cloud Manager provides agility, governance, and choice for enterprises like yours.

## Governance

Maintaining control over your systems is crucial to reducing risk. Multi-Cloud Manager provides tight access controls, including encryption, advanced user authentication and budget management. This enables you to provide only the right people the right level of access to your cloud environment. Multi-Cloud Manager resolves governance issues such as:

- **Access Controls**—Limit access for internal or external teams to specific resources within one or more clouds with flexible, role-based security

Multi-Cloud Manager is available as software-as-a-service or on-premises software that enables you to control the cloud from within your own data centers.

## Benefits:

- Enables self-service provisioning of cloud resources on any of the clouds we support through a single user ID
- Watches over your cloud infrastructure, monitoring any combination of supported cloud services — public, private or hybrid
- Enforces consistent governance policies for actions taken against your applications in any combination of supported clouds
- Automates applications running in one or more supported clouds, including provisioning, scaling, backup and disaster recovery
- Currently supports the following leading public and private clouds: Amazon Web Services, AT&T Synaptic Storage, Bluelock, CloudCentral, Cloudscaling, CloudSigma, CloudStack, Dimension Data, EMC Atmos, Eucalyptus, GoGrid, Google Storage for Developers, HP Cloud Services, IBM SmartCloud Enterprise, Joyent, OpenStack, Rackspace, Server Express, Tata Communications InstaCompute, Terremark, VMware, and Windows Azure

**Dell Multi-Cloud Manager**
SaaS or On-Premises





<p><b>Deploy &amp; manage enterprise applications across private, public &amp; hybrid clouds.</b></p> 	Dasein Cloud Open Source	DMCM API
 <p style="text-align: center;"><b>On-Premises Private Clouds</b></p>	 <p style="text-align: center;"><b>Off-Premises Public Clouds</b></p>	<p><b>Existing Systems Management</b></p> <ul style="list-style-type: none"> <li>• LDAP/AD</li> <li>• Service Desks</li> <li>• SIEM Tool</li> </ul> <p><b>Configuration Management Tools</b></p> 

Figure 1. Multi-Cloud Manager is a cloud infrastructure management solution for deploying and managing enterprise-class applications in public, private and hybrid clouds.

- **Key Management and Encryption**—Our patent-pending security architecture enforces a separation of roles
- **Financial Controls**— Track and limit spending by project code, customer or department
- **Logging and Auditing**— Log and track activity by user through reports or by integrating monitoring and management systems
- **API Integration**— Log and track activity by user through reports or by integrating monitoring and management systems

With the right governance solution in place, you can limit your risk while reaping the benefits of incorporating cloud computing across your organization.

### Agility

Multi-Cloud Manager helps you reap the economic and operational advantages of cloud computing through a variety of automation tools, including auto-provisioning, auto-scaling, automated backups, recovery, cross-cloud bursting and more. This provides consistency across all clouds and enables your organization to improve service levels.

Multi-Cloud Manager resolves governance issues such as:

- **Auto-provisioning**—Define application deployment architectures quickly and intuitively; then let Multi-Cloud Manager handle deployment to one or more clouds
- **Auto-scaling**—Create scaling policies around the data you wish to measure, such as transaction rates, page load times and more
- **Automated Recovery**—Restart failed components of your applications automatically based on policies you set through built-in disaster recovery, allowing you to restore data from your last backup in the event of catastrophic system failure
- **Automated Backups**—Place snapshots in supported third-party cloud-storage services for increased disaster avoidance
- **Smart Cloud Topology**—Automatically distribute applications across availability zones, regions or cloud services

The real value of automating applications independent of the services where they reside lies in providing flexibility

for your operations teams as the cloud marketplace changes and expands.

### Choice

With support for all leading public and private clouds, plus access to leading configuration-management tools, Multi-Cloud Manager offers a unified management solution you can use for a single or multi-cloud environment. This provides increased efficiency and allows you the freedom to choose the cloud services that work best for your organization.

Multi-Cloud Manager provides cloud independence to enable optimal flexibility, including:

- **Multi-cloud Support**—Provides the cloud orchestration required to get the most from the leading public/private cloud platforms
- **Multi-tool Support**— Supports leading configuration management solutions, including Chef and Puppet, as well as platform-as-a-service solutions, such as Cloud Foundry
- **Risk Mitigation**—Reduces risks of using a single cloud provider with cloud-independent backups and cross-cloud disaster recovery, and delivers flexibility as the cloud-service provider market matures
- **Business Continuity Planning**—Ensures business continuity with the ability to automatically store backups with one or more major cloud providers

Multi-Cloud Manager also provides a REST-based API to enable you to extend your IT policies and procedures into the cloud. Integrate into LDAP/AD, billing systems, monitoring systems and more

### About Dell Software: Delivering complete and connected solutions

Dell Software empowers organizations of all sizes to experience Dell's "power to do more" by delivering scalable yet simple-to-use solutions that can increase productivity, responsiveness and efficiency. This software, when combined with Dell hardware and services, helps customers simplify IT, mitigate risk and accelerate business results. [www.dellsoftware.com](http://www.dellsoftware.com).

#### Dell Software

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