Microsoft Azure Snapshot

Azure

» Empower IT innovation

» Leverage scalable resources

» Simplify developer workflows

Microsoft Azure is a cloud computing platform with a vast global footprint of managed data centers that provide software as a service (SaaS), platform as a service (PaaS), and infrastructure as a service (IaaS) offerings. The platform supports many different programming languages, tools, and frameworks, including both Microsoft-specific and third-party software and systems.

Many enterprise customers are increasingly looking to shift workloads from their data centers to public cloud platforms such as Azure, which provide a specific set of templates to ensure the smooth operation of workflow processes. If an enterprise is currently using Microsoft Office 365 solutions and SharePoint, the shift to Azure is even more compelling.

BALANCING INNOVATION WITH IT VISIBILITY AND CONTROL

Development and engineering teams are some of the largest consumers of cloud and transient resources. As developers test applications or IT systems, they need to quickly spin up virtual machines and other resources while controlling costs. In many cases, they wind up building their own servers outside the control of IT.

Because end-users can deploy complex applications to public cloud platforms, this can lead to mismanagement of resources, server sprawl, and servers vulnerable to network and cyber-attacks. Some users can become mired in complexity as they attempt to provision resources, while IT teams can lose visibility and control over those resources if a process in the workflow fails.

Moreover, IT administrators and end users are challenged by what seems like an infinite number of choices that must be made before they can successfully launch and provision cloud resources and services in most public clouds.

HYBRID CLOUD MANAGEMENT

Azure Stack provides a way for enterprises to have an on-premises version of the public cloud user experience available for any hybrid cloud initiatives they have. Workloads can be running where they are best suited for the enterprise. As enterprises adopt new technologies and services from many providers, they will have to deal with complexity.

CHALLENGES

As enterprises adopt Azure along with
their other infrastructure resources running in other
public clouds and in their data centers, IT must respond to growing
complexity, problematic provisioning, and insufficient visibility and control.

IT needs a solution that provides a single platform that safeguards users
from overspending, as well as secure role-based access to a standardized
platform that gives them the extensibility to connect to both new and legacy
technologies.

CLOUDBOLT AND AZURE

CloudBolt brings an intuitive framework, self-service capabilities, and a
unified manager that speeds up the provisioning of resources and simplifies
management. The combination shields end users from complexity introduced
by public cloud providers such as Azure while still giving them access to the
resources they need.

Meanwhile, enterprise IT departments maintain control over and visibility
into those resources through configuration standards, usage quotas, and cost
transparency. The CloudBolt platform's self-service interface also allows end
users to track actual and estimated costs of resource usage.

ONE VIEW. MANY CLOUDS.
Automation. Flexibility. Control.

CloudBolt's hybrid cloud platform enables enterprise IT departments to build, deploy, and manage private and public clouds quickly and efficiently. The user-friendly portal hides the complexities of hybrid cloud, giving end users the ability to manage and provision resources on demand, while administrators set provisioning conditions for governance. With CloudBolt, IT leverages its investment and controls costs while increasing flexibility and agility.

Azure

CloudBolt software

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