Azure and ReliaCloud®

Feature comparisons

The cloud provides businesses with a competitive edge through flexible and scalable capacity that can be rapidly deployed to quickly meet the changing needs of their organization.

In addition, cloud enables greater innovation and improvement in client support and services. Cloud can also be viewed as a way to bring visibility to the value that IT delivers to businesses, while also meeting the needs of line of business (LOB) managers requiring faster time to market and increased speed of innovation. The strategic uses of cloud can go far beyond this by enabling the creation of new business processes, new revenue streams, and even new business models.

To no surprise, many organizations are still foggy about cloud infrastructure. While most of the benefits of using hosted computing services are obvious, it's still unclear which the right approach is? Is it better to use a private cloud or public cloud? How do you choose the right cloud strategy for your business computing needs? As with most things, there is no "one size fits all" approach to cloud computing.

To the right is a feature comparison chart and sample use cases for both ReliaCloud, OneNeck's hosted private cloud and Azure that can assist you with determining which cloud model best suits your business needs.

ReliaCloud and Azure

Location/Connectivity	ReliaCloud	Azure
Extensive hybrid options	✓	
Offers public cloud	✓	✓
Offers private cloud	✓	
Dedicated connectivity directly into cloud infrastructure	✓	✓
Accessible, local data centers	✓	
Global data centers		✓
High LAN bandwidth	✓	
Direct integration with colocation	✓	
Architecture		
Hyper-scale		✓
100% VM Uptime SLA	✓	
Bare metal compute capabilities	✓	
Architectural flexibility	✓	
High IOPS, low latency storage	✓	
Integration with physical appliances	✓	

ReliaCloud® Use Cases

ReliaCloud an enterprise-class IT Infrastructure as Service (IaaS) platform suitable for production, DevOps or disaster recovery solutions that require a secure and compliant operational framework. ReliaCloud provides a flexible platform designed to meet your most demanding applications. ReliaCloud is well suited for:

- **Production environments**— If you have a production workload with high performance applications that are required to deliver excellent response times to customers and end users. ReliaCloud provides a flexible platform designed to meet the requirement of most demanding applications. With high performance compute, memory and IO requirements.

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- **Existing workloads in ReliaCloud**— You already have existing workloads in ReliaCloud and wants to keep their workloads in ReliaCloud for connectivity, security and portability purposes.

- **Mission-critical support**— You have mission-critical workloads requiring maximum uptime. ReliaCloud was architected with these business applications in mind providing high availability for the underlying virtual machine. ReliaCloud offers a 100%, financially backed SLA, premium level of support and account management/customer interaction. Any downtime is unacceptable. We've got skin in the game.

- **Data sovereignty issues**— You have an application, with sensitive data, and is not comfortable placing it in a public cloud. ReliaCloud offers the customer a non-shared infrastructure model, protecting the security and privacy of their corporate data. In addition, ReliaCloud offers a higher degree of transparency than public cloud services.

Azure Use Cases

Azure is a hyper-scale, hybrid and enterprise proven public cloud computing platform. It provides a range of cloud services, including those for compute, analytics, storage and networking. Azure is well suited for:

- **DevOps/non-production environment**— You require the ability to spin up and down DevOps or non-production environments quickly and the ability to power down when not in use. Azure provides immediate access to a vast pool of resources, resulting in flexible and streamlined workflow processes and on-demand access to computing resources to accelerate delivery when needed.

- **Existing workloads in Azure**— You already have workloads in Azure and wants to keep their workloads in Azure for connectivity, security and portability purposes. Gives the customer the ability to leverage existing investments in Microsoft products or licensing agreements such as an Enterprise Agreement.

- **Disaster recovery to Azure**— You want to eliminate the burden of maintaining expensive DR sites for critical workloads. Azure Site Recovery allows customers to automate replication to Azure or a secondary datacenter to safeguard workloads against outages, enhance RPO and RTO, and reduce infrastructure maintenance costs by permanently migrating workloads to Azure. Flexibility to choose the location of your DR target within Microsoft Azure. Can protect Hyper-V, VMware and physical servers.

- **Hyperscale/auto provisioning**— You have a web application that has the potential for unpredictable spikes or predictable (seasonality) bursts in traffic which requires them to exponentially scale their infrastructure to handle the extra load. Azure offers access to unlimited resources on demand.

- **Comprehensive regulatory compliance**— You have compliance standards that OneNeck cannot provide. Azure meets a broad set of international and industry-specific compliance standards, such as ISO 27001, HIPAA, FedRAMP, SOC 1 and SOC 2, as well as country-specific standards like Australia IRAP, UK G-Cloud, and Singapore MTCS.

- **Comprehensive service portfolio**— You require access to a wide portfolio of services that OneNeck cannot provide such as machine learning, and batch compute jobs.

Getting Started with Cloud

Ready to extend your IT capabilities with our cloud solutions? Let us show you how. Our approach is to fully understand your business needs and requirements to help you define the right cloud infrastructure for your workloads. We help IT organizations define their cloud strategies and move forward in their cloud journey using proven tools and our expertise. Contact us today to learn more.

About OneNeck® IT Solutions

OneNeck IT Solutions LLC offers hybrid IT solutions including cloud and hosting solutions, managed services, enterprise application management, advanced IT services, IT hardware and top-tier data centers in Arizona, Colorado, Iowa, Minnesota, New Jersey, Oregon and Wisconsin. OneNeck's team of technology professionals manage secure, world-class, hybrid IT infrastructures and applications for businesses around the country. Visit oneneck.com.

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