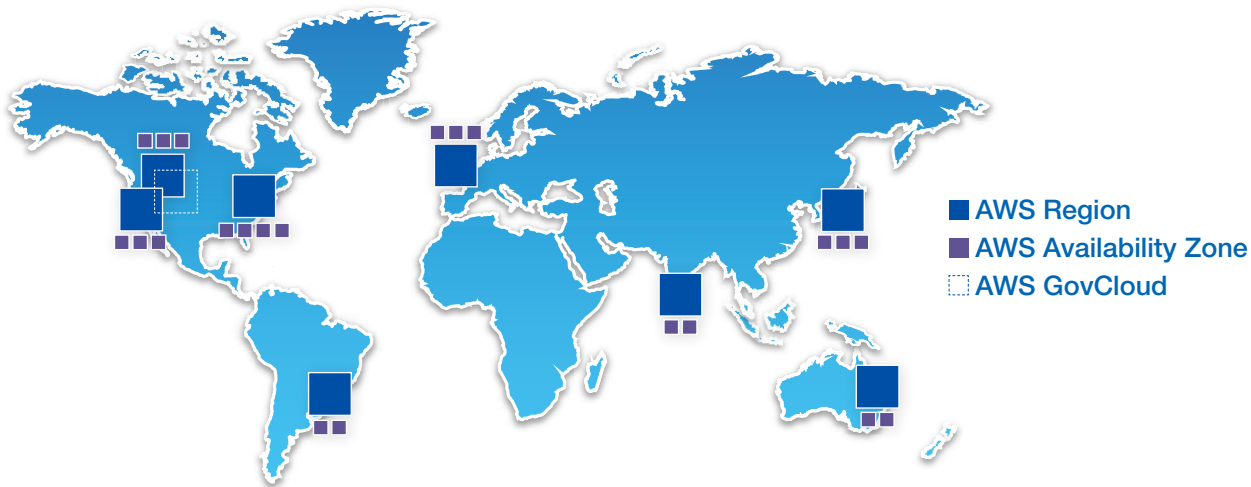


Deploy on AWS

If you need to run NoSQL in the cloud, MarkLogic® on Amazon Web Services* is the best option. MarkLogic provides the only Enterprise NoSQL solution that runs on AWS and you can get started for only 99 cents an hour. A single cluster can be created in just a few minutes using pre-packaged AMIs, though MarkLogic also scales easily to hundreds of terabytes. Not only that, but MarkLogic tiered storage makes it easy to partition data and use a fluid mix of storage based on performance and cost trade-offs.

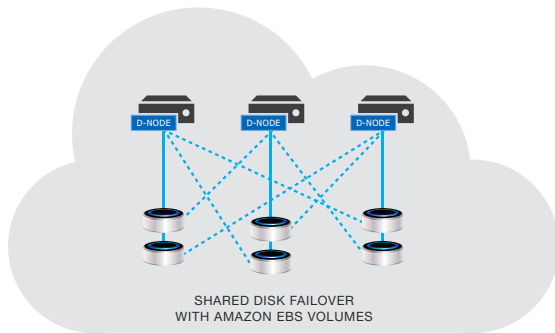
Affordable Enterprise Scalability and Elasticity



When you deploy MarkLogic on AWS, you get all the advantages of an enterprise-class database, plus affordable pricing, scalability, and elasticity. With the power of Enterprise NoSQL in the cloud, you can build applications faster and manage them more easily.

- ➔ Deploy MarkLogic in the cloud via Amazon Web Services and maintain all of the enterprise features of MarkLogic, including ACID transactions, HA/DR, government-grade security, and elasticity and scalability
- ➔ Use MarkLogic Cloud Formation templates for production deployments in conjunction with DevOps tools like Ansible, Puppet, or Chef to manage configuration and deployment
- ➔ Add or remove hosts in a cluster quickly and easily, and ensure high availability by deploying across Amazon availability zones—all with no downtime or data loss
- ➔ Use Amazon EBS volumes or S3 buckets for storage. EBS volumes are ideal for primary storage with high performance and availability and S3 is ideal for archival copies that can still be queried and accessed directly
- ➔ Move data from AWS storage to HDFS, NAS, SAN, or SSD using tiered storage—without having to re-index or do complex ETL. This reduces costs while still keeping your data ready and accessible

Shared-nothing Architecture for High Availability



Enterprise-class high availability and disaster recovery is a requirement when running applications in the cloud. Unfortunately, even Amazon EBS storage volumes have an annual failure rate of between 0.1% – 0.5%. Can you afford to lose data?

MarkLogic uses shared-nothing architecture for high availability so that when an EBS volume fails, data is already available on another node. This feature, combined with ACID transactions, means your application will never lose data. It is these enterprise features that make MarkLogic the leading Enterprise NoSQL database.

Deploy Across Hybrid Environments

Amazon Web Services is the preferred choice in the cloud because it offers IaaS or PaaS at a great value that requires no initial capital outlay. But, many organizations are already invested heavily in either virtualized or on-premises environments.

Oftentimes, bringing in a new database requires major infrastructure changes and human capital resources as the new platform is built and data is migrated to the new environment. Not with MarkLogic. MarkLogic is designed to be deployed across heterogeneous environments for organizations with a combination of virtualized, on-premise, and cloud storage.



Cloud – Deploy MarkLogic in the cloud via Amazon Web Services or other cloud hosting providers. MarkLogic provides pre-packaged cloud formation templates and AMIs for creating managed clusters on Amazon EC2.



Virtualized – Deploy MarkLogic in your own datacenter on virtualized environments such as VMware, creating a private cloud that can help save energy, reduce costs, and speed deployment. MarkLogic is supported to run on VMware ESX 3.0.2, ESX 3.5.3, ESX 4.0, ESXi 5.0, and ESXi 5.1.



On-premises – Deploy MarkLogic in your own datacenter using cost-effective, commodity hardware. MarkLogic provides sizing recommendations and will work with you to ensure MarkLogic is optimized to run on your infrastructure, whether new or existing.

About MarkLogic

For more than a decade, MarkLogic has delivered a powerful, agile, and trusted Enterprise NoSQL database platform that enables organizations to turn all data into valuable and actionable information. For more information, please visit www.marklogic.com.