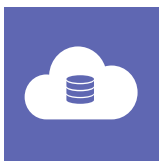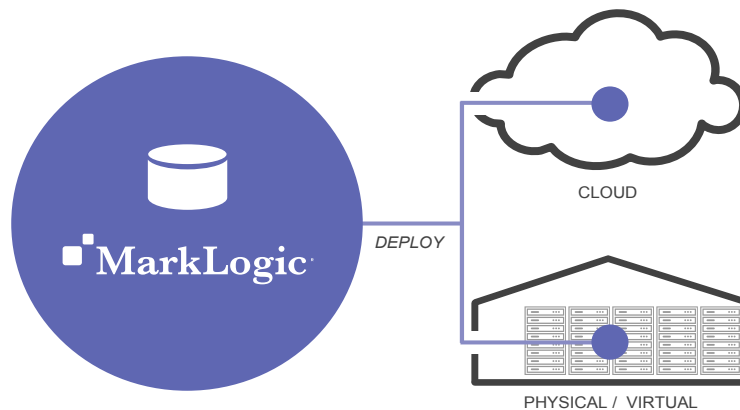![MarkLogic]

# Flexible Deployment

You can run MarkLogic® wherever you want. With other databases, you must choose up front whether to deploy on premises, virtualized, or with a cloud provider. One reason is because most other databases are purpose-built for each particular environment—you run different versions of that vendor's software depending on the environment. Another reason is simply a licensing model designed to favor vendors—if you migrate to the cloud, you must buy a new cloud-specific license. MarkLogic takes a different approach. It's the same product that runs in any environment and you get to choose what environment to run it in. If you start on-premises and migrate to the cloud later on, that is okay. And, MarkLogic has been successfully running in production cloud environments for almost a decade.
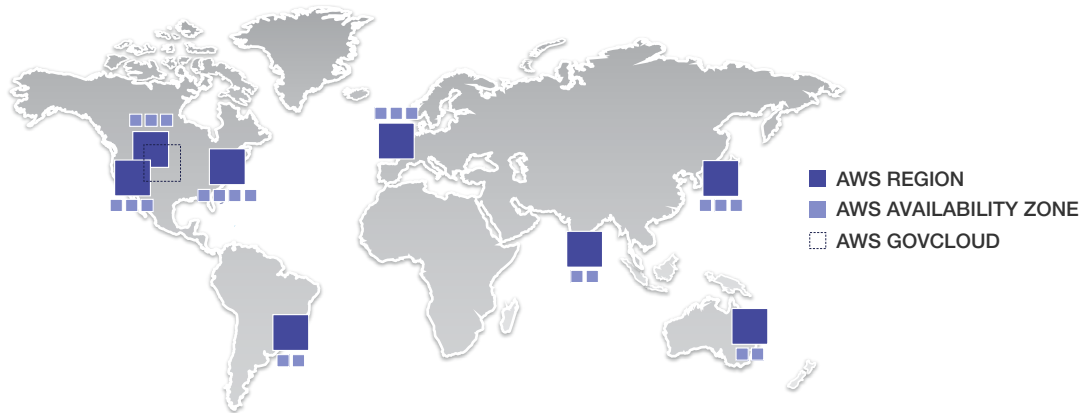


## Cloud

Deploy MarkLogic in the cloud with leading cloud providers, including Amazon* Web Services, Microsoft* Azure, or Google* Cloud Platform. You can bring your own license, or you can also buy your license directly from their marketplaces. For example, Amazon provides pricing and options for deploying MarkLogic on various instance types right in the AWS marketplace.

## Physical or Virtual

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

| | AWS REGION |
| --- | --- |
| | AWS AVAILABILITY ZONE |
| | AWS GOVCLOUD |

# More Detail on AWS Deployments

For AWS, MarkLogic provides pre-packaged cloud formation templates and AMIs for creating managed clusters on Amazon EC2 (Elastic Compute). You can quickly add or remove hosts in a cluster, and can deploy across Amazon availability zones without any loss of data or downtime.

When you deploy MarkLogic on AWS, you get all the advantages of an enterprise-grade database, plus affordable infrastructure pricing, fast deployment, and fast application development.

- Deploy MarkLogic in the cloud via Amazon Web Services and maintain all of the enterprise features of MarkLogic, including ACID transactions, HA/DR, certified security, and elasticity

- 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

# About MarkLogic

MarkLogic is the world's best database for integrating data from silos, providing an operational and transactional Enterprise NoSQL database platform that integrates data better, faster, with less cost. Visit www.marklogic.com for more information.