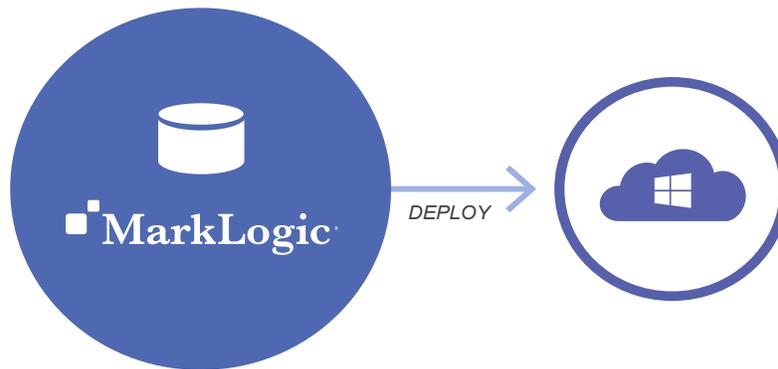# Deploy on Azure

In today's rapidly changing, data-driven business environment, enterprises need an agile database platform that can quickly and securely move to the cloud to drive innovation. The MarkLogic® Enterprise NoSQL database platform on Azure provides the flexibility to build a single, actionable 360-degree view of data in the cloud, whether fully on Azure or in a hybrid cloud environment. The MarkLogic platform on Azure makes it easy to scale apps and projects up or down without downtime and with optimal deployment and transactional consistency, giving organizations maximum operational efficiency.

DEPLOY

Agility for Mission-Critical Deployments in the Cloud

Microsoft Azure is a growing collection of integrated cloud services that developers and IT professionals use to build, deploy, and manage applications through a global network of datacenters in over 40 regions—more than any other cloud provider. MarkLogic is the best database for integrating data from silos. Together, the Azure cloud and MarkLogic database provide the most trusted platform for deploying scalable, mission-critical NoSQL systems in the cloud.

- **Agility** – You can setup and deploy a virtual machine with MarkLogic on Azure in minutes, and start leveraging the benefits of MarkLogic's agile data integration approach to integrate data four times faster than with a relational database.

- **Flexibility** – Gain the flexibility to fully deploy on Azure or use a hybrid environment. And, gain the flexibility of MarkLogic's multi-model approach to storing and managing data, getting past the schema constraints of traditional relational databases.

- **Data Consistency** – MarkLogic provides the highest level of data consistency guarantees across a cluster of any NoSQL database, using ACID transactions to ensure data is never lost or in conflict.

- **Data Security** – Azure is the most trusted, compliant cloud services provider, with a wide range of global security certifications. MarkLogic is the most secure NoSQL database. Features such as Redaction, Element Level Security, and Advanced Encryption provide the assurance that data in the cloud is both secure and shareable.

- **Support** – MarkLogic provides an officially supported MarkLogic Azure image and recommendations for your deployments, and also has a collaborative customer support partnership with the Azure team.
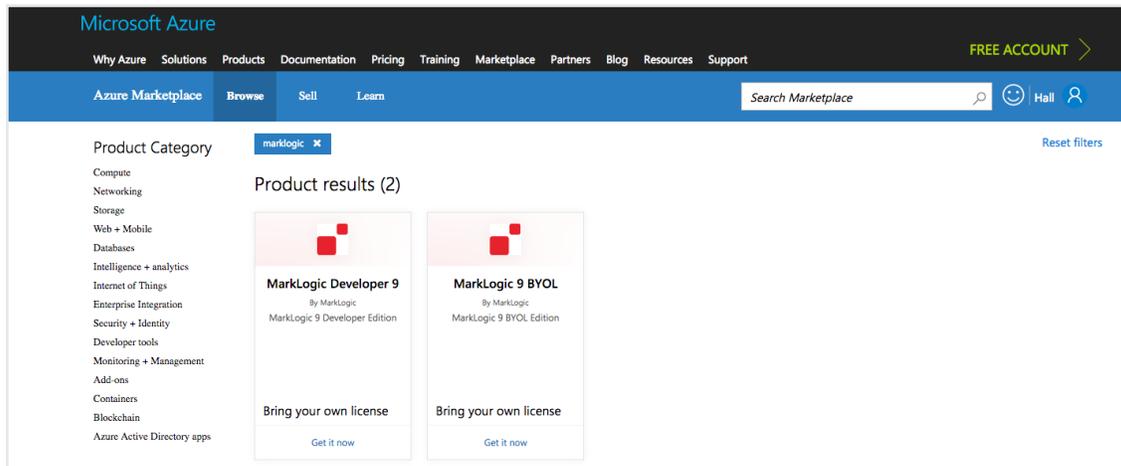
> " Microsoft Azure is the most trusted, compliant cloud services provider, and the fact that they have a wide range of global security certifications is an important one… Combined with MarkLogic's industry-leading data security features—like advanced encryption and element-level security—our customers can be confident that their data is not only highly available, consistent, and manageable, but secure."

Joe Pasqua, Executive Vice President of Products, MarkLogic

Guidance for Azure Deployments

MarkLogic can be deployed on Azure in minutes. You have a choice to either bring your own license or get started with the Developer edition, and MarkLogic provides an Azure image. There are also simple instructions in the MarkLogic on Azure Quick Start Guide for configuring a load balancer, adding and removing nodes, enabling features such as Tiered Storage and Telemetry, and much more.

Resources

- **MarkLogic on Azure Quick Start Guide:** https://developer.marklogic.com/products/cloud/azure
- **MarkLogic Cloud Concepts:** http://developer.marklogic.com/products/cloud/concepts
- **MarkLogic in the Azure Marketplace:** https://azuremarketplace.microsoft.com/en-in/marketplace/

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.

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