

Sinequa for Azure

The power of the Sinequa intelligent search platform, optimized for Azure

Sinequa's intelligent search platform is now fully optimized for Azure, with a modular architecture that scales for any project size. Sinequa is the platform of choice for organizations that need a high-performance search solution to ensure the success of higher-scale and higher-value applications. With Sinequa for Azure, we bring all the benefits of the Sinequa intelligent search platform—and then some—to the cloud.

Key Features

Sinequa for Azure streamlines cloud operations to accelerate deployments and simplify maintenance for DevOps teams. Sinequa has built a wide range of capabilities including:



Dynamic indexer: With elastic scaling on Azure, Sinequa's high-performance indexing engine is fully optimized for higher processing speeds and lower costs. The Sinequa grid monitors the load on the indexer and automatically increases or decreases the number of indexers, and reduces the use of the Azure Virtual Machine Scale Set (VMSS) as needed.



Native security: Sinequa detects its environment when on Azure, leveraging Azure PaaS (Azure Storage Account & Key Vault) for storing certificates to secure all sensitive data and interfaces.

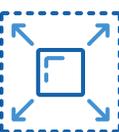


Storage optimizer: By leveraging Storage Accounts, an administrator can more efficiently and reliably:

- Store data using different access tiers to optimize costs and performance requirements;
- De-duplicate content to reduce storage space use and costs; and
- Perform all tasks necessary to backup and restore data using backup commands to automatically backup all content or new content only.

Benefits

The features and capabilities provide a cost-effective solution for the best possible experience on Azure with minimal resources, including:



Cost-Effective Scalability. Dynamic indexing leverages Azure elasticity to process millions of documents in just a fraction of the time it would take with a static architecture. Projects can be done faster and with fewer resources to maintain. And when you use VMSS to dynamically index your content and data, VMs will only run when required – reducing your Azure cost by up to 20% as well as the carbon footprint of your applications.



Automated Deployments. The platform is pre-configured for Azure specifications, with scripts, templates, and tools that streamline deployment within the Azure Portal. This significantly reduces the operational cost of maintaining a large Sinequa grid.



Flexible Customization. Using Terraform, you can quickly utilize samples on Github or download them directly from the Azure marketplace. Because Terraform is a script, it can be integrated into a CI system for automatic deployments or updates. These scripts can be customized thanks to modules that provide the flexibility to add or remove nodes very easily. And with Terraform State, an update of grids can be done automatically in minutes by a single administrator.



Improved Security. Sinequa's integration with Azure key vault enables you to securely store all the protected information, certificates, etc. Administrators can manage multiple security domains and put in place access rules at various levels: domain, role or content-based, or all of them.

“Companies like Sinequa add value by integrating their solutions with Microsoft Azure. The optimized integration of Sinequa for Microsoft Azure allows customers to focus more on the business and less on managing servers or a variety of enterprise data silos. With Sinequa for Azure, customers will have a complete platform that tackles the growing challenge of getting the right information to the right people at the right time regardless of source, format or language.”

-Casey McGee, Vice President Global ISV Sales at Microsoft

Learn more

For more information on Sinequa for Azure and to get started, go to: www.sinequa.com/intelligent-enterprise-search-optimized-for-azure/

To contact us for a demo or find out more, please visit www.sinequa.com

