

# Embedding Data Management in Applications on Nutanix Cloud Platform

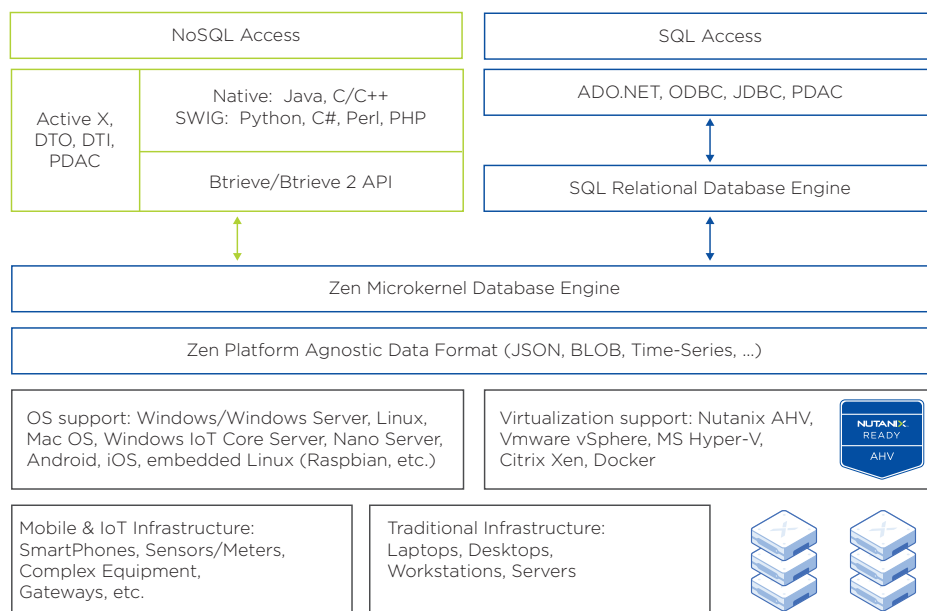


## ACTIAN ZEN ON NUTANIX ADVANTAGES

- Optimized for Nutanix AHV yet runs on most popular virtualized and bare-metal platforms
- Standard SQL and a single NoSQL API across Edge devices, servers and the Cloud
- Simplifies DevOps: embeddable in almost any programming or scripting language
- Serverless and Client-Server capability with superior performance based on 3rd party benchmarks
- Zero Database Administration and embedded OEM lifecycle
- Scales Out with Nutanix but also scales down to non-virtualized, serverless environments on IoT and Mobile Devices

Action Zen extends Nutanix infrastructure virtualization for distributed applications and DevOps at the Edge with a single data management that runs on virtualized and bare metal platforms. With Nutanix, IT organizations can shrink their data center expenditures and footprints, delivering hyperconverged deployment in the cloud or remotely, in an Aircraft Carrier Data Center or Big Box retail store closet - anywhere. Zen on AHV extends Nutanix's "anywhere" application management and virtualization to embedded data management within applications, running on any OS, VM, or container as client-server or serverless.

## SOLUTION ARCHITECTURE/HOW IT WORKS



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## NUTANIX READY VALIDATION

- Actian Zen Enterprise Validated on Nutanix AHV Version 5
- Actian Zen Cloud Validated on Nutanix AHV Version 5



Global shop solutions, a manufacturing erp software solutions provider extends their embedded client-server (actian zen enterprise) data management to the iot with actian zen core

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## RESOURCES AND GETTING STARTED

- Peak under the hood at the Actian ZEN Architecture, download the [Actian Zen Technical White Paper](#)
- Download the serverless version of [Actian Zen, royalty free for developers](#) and deployment to mobile and IoT devices
- Leverage the tutorial and technical support at [www.zendocs.actian.com](http://www.zendocs.actian.com)
- Learn more about [Actian ZEN](#)

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## KEY SOLUTION BENEFITS

- Actian Zen on Nutanix AHV enables Enterprises with distributed applications to embed a single, virtualized data management on any virtualized platform and non-virtualized IoT environments and traditional on-premise infrastructure deployed to remote, branch, and field environments.
- Enterprises and their IT staff and management must rethink the Edge which is increasingly running far larger and more complex workloads in factories, big box stores, in support of IoT grids, across Campus environments and so forth that rival what used to be in large Data Centers. Hence, virtualization will extend from the Data Center to the Cloud and to the Edge. The cycle for continuous development and deployment coupled with the need to avoid latency between the Edge and Cloud will further increase the demand for a single virtualized application development and deployment environment and therefore Nutanix AHV.

With Actian Zen and Nutanix AHV developers get a common data management platform that can leverage not just their standard programming languages, development, test and verification tools but that can also avoid the need for DBA support when deployed. Actian Zen running on AHV can also take advantage of AHV and Prism to consolidate management and view across data from Edge to Cloud and back. Additionally, Zen has built-in AES 256-bit encryption for data at rest and leverages all the security features built into the underlying operating and virtualization environments.

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## ABOUT ACTIAN

Actian, the hybrid data management, analytics, and integration company, delivers data as a competitive advantage to thousands of organizations worldwide. Through the deployment of innovative, enterprise-class, hybrid data products, fully managed cloud services, mobile and IoT Edge data management, and industry solutions. Actian ensures that business-critical systems can connect, transact, and analyze, On-Premise and in the cloud. For more, visit <http://www.actian.com/data-management/zen-embedded-database/>.

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## ABOUT NUTANIX

Nutanix makes infrastructure invisible, elevating IT to focus on the applications and services that power their business. The Nutanix cloud platform delivers the agility, pay-as-you-grow economics and operational simplicity of the public cloud, without sacrificing the predictability, security and control of on-premises infrastructure. Nutanix solutions leverage web-scale engineering and consumer-grade design to natively converge compute, virtualization and storage into a resilient, software-defined solution that delivers any application at any scale. Learn more at [www.nutanix.com](http://www.nutanix.com) or follow us on Twitter [@nutanix](https://twitter.com/nutanix).



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