

ZeroStack Delivers

ZeroStack’s Intelligent Cloud Platform is a fully integrated cloud solution that delivers a private cloud with the ease of use of a public cloud at a fraction of the cost. This solution is fully integrated with public clouds to offer seamless migration between clouds.

Three Key Innovations

Z-COS: ZeroStack’s cloud operating system converts servers in to a hyper-converged cloud faster than any other vendor, and with integrated intelligence works in tandem with Z-Brain to build the world’s first self-driving cloud. Z-COS is a fully integrated stack and includes software-defined storage (SDS), software-defined networking (SDN), a full-functioned hypervisor and a distributed, self-healing control plane.

Z-Brain: ZeroStack’s intelligent software dramatically reduces operational tasks, and learns by leveraging a big-data layer that stores and analyzes rich telemetry using AI and machine learning which take the guesswork out of capacity planning, upgrades, ongoing management and troubleshooting. The on-premises infrastructure is consumed via a SaaS-based user interface, running in the cloud.

Z-AppStore: The integrated App Store enables 1-click deployment of many applications for rapid application development and deployment.

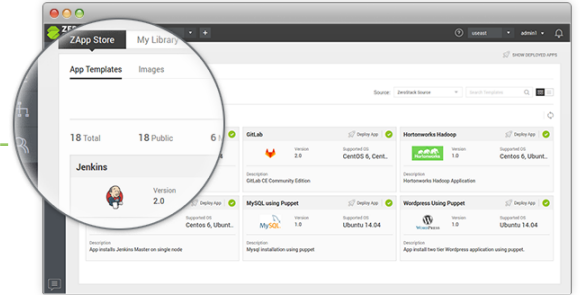
The Z-AppStore empowers users with 1-click application deployments from templates or blueprints.

IT teams can:

- Retain control over template
- Ensure compliance

Developers can:

- Use self-service to provision resource on demand



The Z-AppStore is included as part of the ZeroStack Intelligent Cloud Platform.

Many different types of applications are available on the Z-AppStore:



- CI/CD tools such as Jenkins



- Big data applications such as Hadoop and Spark



- SQL and NoSQL databases



- Monitoring and data analysis tools such as ELK



- Application servers such as Apache and NGINX

Many more are on the way! The IT team can rapidly automate and repeat the entire workflow from build to test to deploy.

Functionality	Description
Access choice of development languages	<p>Help users become more efficient by working with innovative cloud developer environments and consistent set of pre-existing application development languages. Z-AppStore provides support for a wide and growing list of programming languages and technologies like Java, Python, Node.js, and many more.</p>
Enhance the DevOps experience	<p>Streamline your DevOps by managing your continuous delivery and integration as a single instance with integrated Jenkins application. Develop locally, build, and deploy your application once, and seamlessly run it across private cloud. Z-AppStore allows you to use your existing Puppet manifests or Chef Recipes to deploy VMs and point to your existing configuration servers.</p>
Access choice of development languages	<p>Help users become more efficient by working with innovative cloud developer environments and consistent set of pre-existing application development languages. Z-AppStore provides support for a wide and growing list of programming languages and technologies like Java, Python, Node.js, and many more.</p>
Integrated with popular operating systems images	<p>The Z-AppStore supports a wide array of open-source and commercial operating systems. The ZeroStack solution comes pre-integrated with many validated and freely available operating systems images such as Debian, Ubuntu, Centos, due to licensing restrictions. The application templates work on Ubuntu and CentOS out-of-the-box. For customers who use Red Hat Enterprise Linux, the application templates can easily be customized to work with customer’s RHEL image; same holds for Windows application templates. Also, for the freely available images, customers can upload their own hardened version of the images.</p>
Secure, private application store to browse, search, and deploy multi-tier applications controlled by IT	<p>Flexible platform where users can bring their own pre-validated templates. Also, they can customize the existing application templates by editing the templates.</p>
Open standard template language – easy to create, modify customize application templates	<p>IT teams and business unit administrators can easily customize the Z-AppStore.</p> <p>A shift to fully automated, self-service deployment with the help of an application catalog, helps developers innovate faster. It also enhances IT’s relationship with business decision makers. IT can now focus on solving business problems and become a strategic partner with the business versus managing infrastructure.</p>