

Why use SUSE Cloud Application Platform?

<p>Boost developer productivity with easy one step deployment of cloud native applications using the language and framework most appropriate for the task.</p>	<p><u>Boost developer productivity</u></p>
<p>One step application deployment allows developers to simply push applications from their desktop using the CLI or web UI. SUSE Cloud Application Platform automatically configures the environment, provides required dependencies, binds required services, and deploys the application as a container, which is then automatically managed and scaled.</p>	<p><u>One Step Deployment</u></p>
<p>SUSE Cloud Application Platform allows agile teams to develop and deploy software solutions faster than ever before and manage them more effectively. Developers can serve themselves and get apps to the cloud in minutes instead of weeks, while staying within IT guidelines, and without relying on scarce IT resources to perform manual configuration each step of the way.</p>	<p><u>Faster than ever</u></p>
<p>Leverage your in-house skills by allowing developers the flexibility to work with the best choice of language and framework for any task. SUSE Cloud Application Platform supports any language or framework using open source buildpacks.</p>	<p><u>Developers first</u></p>
<p>Reduce complexity and improve IT efficiency with a single, lean, platform that brings together proven open source technologies for rapid application delivery at scale.</p>	<p><u>Reduced Complexity</u></p>
<p>Multiple cloud deployment models provide flexibility for IT teams. SUSE Cloud Application Platform is deployed in, and managed by, any Kubernetes, whether in the public cloud or your own private datacenter.</p>	<p><u>Multi-Cloud</u></p>
<p>Maximize return on your investment with industry leading open source technologies that leverage your existing investments.</p>	<p><u>Maximize ROI</u></p>

Why use SUSE CaaS Platform?

<p><u>Kubernetes Orchestration</u></p>	<p>Orchestration is a key functionality needed to deploy containers for production. SUSE CaaS Platform uses open source Kubernetes to provide production grade container orchestration at scale.</p> <p>Use CaaS Platform uses open source Kubernetes to provide production grade container orchestration at scale.</p> <p>Kubernetes is integrated with the optimized container and microservices. Operating System—SUSE MicroOS—to provide a unified system that is easy to setup and use. SUSE CaaS Platform takes away the complexity in setting up and deploying Kubernetes. An easy-to-use administrator dashboard helps you to deploy, manage and update cluster nodes. The SUSE CaaS Platform includes two types of nodes: Administrator and Cluster Nodes</p>
<p><u>OS for Microservices & Containers</u></p>	<p>At the heart of SUSE CaaS Platform is SUSE MicroOS, the microservices and container host OS.</p> <p>With a one-step configuration, SUSE MicroOS provides the necessary agility and performance so you can quickly setup and add components as you go along maturing the container application. SUSE MicroOS is a single purpose Operating System, designed for microservices and containers and optimized for large deployments. The word “Micro” in MicroOS signifies microservices. The MicroOS inherits the SUSE Linux Enterprise knowledge and technology while redefining the operating system into a purpose-built, efficient and reliable distribution. As a result, your containerized apps can benefit from enterprise grade security and performance of the underlying OS.</p>
<p><u>Easy Config</u></p>	<p>SUSE CaaS Platform uses open source Salt to automate the cluster at scale. Salt provides a very scalable, fast and secure way of communicating with systems in real time. Using Salt you can achieve a complete and automatic installation and configuration of the SUSE CaaS Platform components. Additionally, you can automate configuration using cloudinit to pass configuration data to systems.</p>