Maximize application modernization initiatives with SUSE Cloud Application Platform on AWS

SUSE's flexible, open-source platform solutions for accelerating containerized application delivery are available and supported on Amazon Elastic Container Service for Kubernetes (Amazon EKS).

SUSE   aws✓ competency

SUSE is an AWS Partner Network (APN) Advanced Technology Partner.

Industry trends & challenges

New technologies such as Kubernetes are recognized for enabling development teams to accelerate innovation and enable application portability, but the reality is that Kubernetes itself is not a comprehensive solution for application modernization. In addition to Kubernetes, organizations require new expertise and considerable configuration to build custom pipelines for containerized application lifecycle management. Furthermore, the number of new open source tools is increasing daily making it ever more difficult for an enterprise to find the ideal solution for their environment. When looking for a reliable, stable, container-native, open source solution for enterprise application development, the scope narrows.

SUSE Cloud Application Platform

Transform your software delivery with a modern, containerized cloud application platform that offers an enterprise developer experience workflow built for Kubernetes. Reduce complexity with a single, lean platform that combines reputable open source technologies on AWS for rapid application delivery at scale.

Benefits

SUSE's open source solution is an enterprise-grade platform that simplifies and streamlines your cloud-native and application modernization initiatives.

Recognized enterprise open source solution
SUSE Cloud Application Platform is the first certified Cloud Foundry distribution that is containerized and Kubernetes-native.

Available on Amazon EKS and hybrid ready
Flexible deployment options that suit your Kubernetes and application portability strategies.

Enhanced developer productivity
Self-service, one-stop deployment of cloud-native applications with support for any language or framework.

Reduced complexity and cost
A demonstrated platform that's lean and flexible, enabling reduced risk, complexity, and cost for your application modernization initiatives.

Solution overview

Key features

- **One-step application deployment:** With a single click by a developer, the 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.

- **Lean and fast:** The platform increase efficiency by running lightweight containers, not resource-heavy virtual machines. It consumes a fraction of the memory footprint of other distributions and is faster to recover and scale.

- **Fault tolerant and self-healing:** With high availability for critical components, the platform monitors the health of your containers and automatically restarts ones that have failed.

SUSE on AWS

SUSE Cloud Application Platform on AWS provides companies looking to innovate faster with a platform to accelerate containerized application delivery. Lower the risk of innovation by combining industry-leading, enterprise-ready, open source technologies that are optimized to run on AWS. SUSE Cloud Application Platform on AWS allows agile DevOps teams to develop and deploy software solutions faster than ever before and manage them more effectively. Abstract the complexity of container orchestration with Amazon EKS and enable developers to serve themselves without going outside of IT/Ops provided guidelines. The platform integrates with AWS Service Broker for unified consumption of a growing selection of AWS-native services.

How it works

SUSE Cloud Application Platform simplifies management of Cloud Foundry with a unique approach - leveraging Kubernetes to deploy and manage a certified and containerized version of Cloud Foundry. Meet the demands of production use in your enterprise with a 100% open source software solution that delivers the security, reliability, scalability, and robustness of the complete software stack. SUSE Cloud Application Platform is based on SUSE Linux Enterprise Server, the same enterprise-proven operating system from which the platform's container OS is derived and designed to run on AWS.

Getting started

Email **aws@suse.com** to start building out your first modernized application on Amazon EKS with the SUSE Cloud Application Platform.

Quick Start link
Download in AWS Marketplace