



Product Flyer

SUSE CaaS Platform
SUSE Container Application Platform

Make Containers Simple with SUSE and Dell EMC

In today's competitive market, organizations are looking for IT infrastructure solutions that are fast and flexible. Containers have become the new must-have technology because they enable agile DevOps and easy, consistent software deployment. Because containers can be so critical to your application development and delivery, choose a container solution that will provide the simplicity and scalability you need to stay competitive is important. Together, SUSE® and Dell EMC offer that simple, scalable, container as a service (CaaS) infrastructure that helps you speed application delivery and digital transformation.

SUSE and Dell EMC at a Glance:

- + Speed software development by reducing application delivery cycles.
- + Migrate applications to microservice cloud-native models in a low-risk fashion.
- + Get a lightweight proof of concept that scales to a full production solution, with simple additions to the cluster.
- + Simplify the management and control of your container platform with Kubernetes.

■ Products:

- + [SUSE CaaS Platform](#)
- + [SUSE Container Application Platform](#)
- + [Dell EMC PowerEdge servers](#)
- + [Dell EMC switches](#)

Put the Power of Containers to Work for Your Success

With SUSE CaaS Platform and Dell EMC servers and switches, you get an easy entry into the nimble DevOps model. The combined software-defined infrastructure (SDI) solution supports containerized workloads and speeds software development by reducing application delivery cycles. It also enables you to minimize risk when migrating existing business applications from legacy, monolithic environments to cloud-native microservices, which can run much faster and practically anywhere—from a developer's workstation, to on-premises data centers, to public or private clouds.

Using only virtual machines (VMs), you can quickly and easily deploy the SUSE-Dell EMC infrastructure as a proof of concept for speedy evaluation and adoption. In fact, by following the instructions in the reference architecture, you can get a

proof-of-concept container platform up and running in about an hour. You can then scale it to a full production solution later on by replacing VMs or iteratively adding physical systems with more resources to the existing cluster.

SUSE and Dell EMC make management and control of your container platform easy, too, with the efficient installation and automation of Kubernetes—the premier open-source system for production-grade container orchestration. You can even integrate your container infrastructure with Ceph-based storage, such as SUSE Enterprise Storage, to provide persistent storage for stateful components of containerized workloads.

A complete reference architecture—featuring a proof-of-concept mode, a virtual-to-physical-systems mode and a production-instance mode—is also available to get you up and running in no time.

SUSE and Dell EMC offer a simple, scalable container as a service infrastructure that helps you speed application delivery and accelerate digital transformation.

Contact us at:
www.suse.com

Components of the Solution

THE SUSE SOFTWARE-DEFINED INFRASTRUCTURE

SUSE CaaS Platform is an enterprise-class container management solution that enables IT and DevOps professionals to easily deploy, manage and scale container-based applications and services. It includes Kubernetes to automate lifecycle management of modern applications. You can also use it to seamlessly apply security updates for the operating system and all of its components across all nodes.

- *The solution uses a Kubernetes distribution certified by the Cloud-Native Computing Foundation (CNCF).*
- *You can use role-based access control to limit access to resources, functions and services as necessary.*
- *A local container registry helps you manage container images more efficiently and securely.*

The SUSE independent software vendor (ISV) catalog contains partner solutions for containerized versions of workloads and use cases such as AI, blockchain, SAP Data Hub and more.

DELL EMC SERVERS AND SWITCHES

Dell EMC networking and compute solutions can help to enable innovation and transform the way you do business, from the data center to the cloud.

- *Dell EMC network switches are cost-effective and easy to deploy at any scale, from 1 G to multirate 100 G for optimum connectivity, both within the rack or blade chassis and across the data center.*
- *Dell EMC PowerEdge servers deliver a perfect balance between storage scalability and performance. The server portfolio supports business innovation through scalable architecture, intelligent automation and integrated security.*

A Partnership of Two Global Leaders

SUSE and Dell EMC have worked together for more than two decades, and their combined container infrastructure solution is just the latest collaboration in a long line of projects designed to help organizations work more efficiently and cost-effectively. SUSE Linux Enterprise Server is tested and validated on all of Dell EMC's enterprise platforms, including Dell EMC PowerEdge servers and Dell EMC OpenManage.