

FASTER INSIGHTS WITH ON-PREMISES DATA ANALYTICS

Red Hat & Cloudera



Industry
Enterprise Open Source Software

Website
www.cloudera.com/partners/solutions/red-hat.html

Company Overview
Red Hat is the world's leading provider of enterprise open source software solutions, using a community-powered approach to deliver reliable and high-performing Linux, hybrid cloud, container, and Kubernetes technologies.

Product Overview
Red Hat® OpenShift® is an enterprise-ready Kubernetes container platform with full-stack automated operations to manage hybrid cloud and multicloud deployments. Red Hat OpenShift is optimized to improve developer productivity and promote innovation.

Benefits

- Integrated platform including container host, Kubernetes, and application life-cycle management using your choice of infrastructure
- Greater value for operations and development teams throughout the application life cycle
- Secure, validated container content and services from a wide partner ecosystem
- Faster application development cycles and more frequent software deployments
- Simple installations and upgrades, even in air-gapped environments
- Application portability with lower operational cost across hybrid cloud, multicloud, and edge footprints

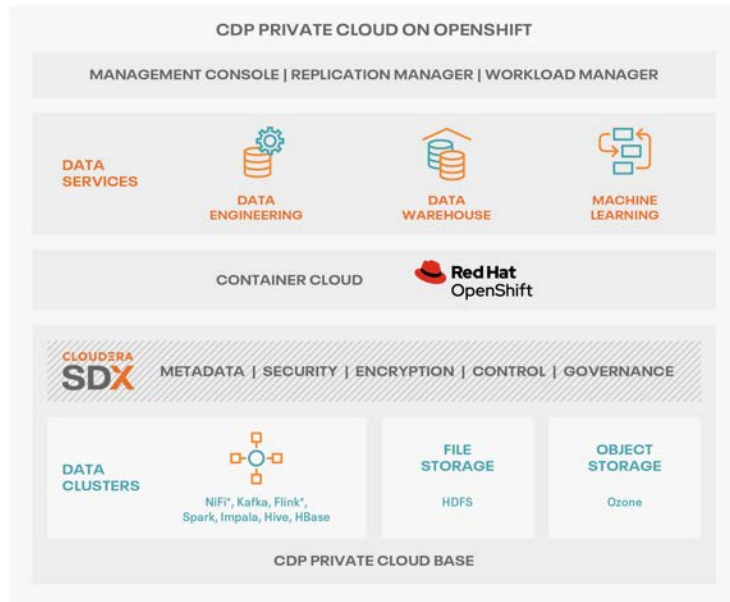
Overview

As organizations continue along their digital transformation journey, managing the data lifecycle to more efficiently and effectively meet critical business requirements is a top priority. With current IT environments, onboarding new data-rich projects can take weeks, and collating and cleansing massive datasets can be resource intensive, impeding IT/data platform teams from quickly delivering data analytics.

Therefore, organizations are adopting a more modern data platform that supports a hybrid cloud strategy. These enterprise companies are bringing the speed and agility of the cloud into their datacenters, while maintaining control over their data and costs. Ultimately, this helps organizations make more data-informed decisions easily.

Red Hat and Cloudera Help You Derive Actionable Insights

Together, Red Hat and Cloudera offer a combined solution that helps enterprise companies securely manage the complete data lifecycle, putting data to work faster and reducing time to value. Cloudera Data Platform (CDP) Private Cloud on OpenShift aggregates and visualizes data to derive actionable insights in a secure, hybrid open source environment.



CDP Private Cloud

A next-generation, hybrid data platform with cloud-native, self-service analytic services bringing the speed, scale, and economics of the cloud.

CDP PRIVATE CLOUD ANALYTICS

Data Engineering

Orchestrate, operationalize, and automate complex data pipelines to increase efficiency and accelerate time to value.

Data Warehouse

Rely on an auto-scaling, highly concurrent, and cost-effective analytics service that supports hybrid and multi-cloud infrastructure models.

Machine Learning

Give your data scientists self-service capabilities and access to governed business data and tools, all with the agility and economics of the cloud.

Traditional Workloads

Deploy a broad range of powerful analytic workloads on a traditional cluster with consistent security, governance, and control.

Learn more at cloudera.com

About Cloudera

At Cloudera, we believe that data can make what is impossible today, possible tomorrow.

We empower people to transform complex data into clear and actionable insights.

Cloudera delivers an enterprise data cloud for any data, anywhere, from the Edge to AI. Powered by the relentless innovation of the open source community, Cloudera advances digital transformation for the world's largest enterprises.

Learn more at cloudera.com

CDP Private Cloud is an enterprise data platform with next generation cloud-native hybrid data architecture, enabling on-premises deployments with the agility, flexibility and cost-efficiency of cloud architectures. Red Hat® OpenShift® is a container platform for Kubernetes that can automate the provisioning, management and scaling of applications. The CDP Private Cloud next-generation hybrid platform combined with the OpenShift enterprise-grade Kubernetes container-based management tools consistently provisions and scales analytic workloads in minutes and allocates just enough resources to meet demand.

IT and Data Platform Teams Deliver Improved Services and Better Data Center Economics

CDP Private Cloud on Red Hat OpenShift helps IT/data platform teams deliver improved service to lines of businesses and better data center economics to the organization. The teams can:

- Deliver 10x faster deployments of analytics and machine learning services than traditional data management solutions, with a petabyte-scale hybrid data architecture that can scale even beyond the data center by bursting to public cloud.
- Achieve 100% tenant isolation in meeting the SLAs of mission-critical workloads with custom environments eliminating the noisy neighbor problem.
- Reduce data center costs 50% by drastically improving efficiency and utilization of the compute infrastructure and eliminating data replication.
- Rapidly onboard mission-critical applications and run them anywhere, without disrupting existing ones.

CDP Private Cloud on Red Hat OpenShift Benefits

Enables You to Become the Data-Driven Company You've Always Wanted To Be

CDP Private Cloud on OpenShift modernizes your data platform, helping transform data into clearer and more actionable insights. The combined solution helps create an essential hybrid or even multicloud data architecture, enabling companies to collect, enrich, report, serve and model enterprise data for any business use case in any cloud. The joint solution delivers analytics directly to the end user.

Joint Solution Benefits

- Empower every employee to drive value from data through an intuitive single pane of glass.
- Create enterprise-grade custom environments and keep control of your data while realizing the cost advantages of an on-premises private cloud environment.
- Enable unlimited scalability with the flexibility to move your data to any cloud or data center, including hybrid environments, with zero vendor lock-in.
- Deliver a consistent experience across your data practitioners and developers with a modern environment that future-proofs your investment.