



Highlights

- Allows you to leverage a next-generation cloud platform with enterprise-grade middleware to run critical applications
 - Designed to help secure and protect your applications and business while scaling to meet your needs
 - Deploys virtually anywhere and everywhere with containers and Kubernetes
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Develop and deploy apps with IBM Cloud Private Enterprise

Help drive more value and modernize existing middleware investments

Introduction

Enterprises all over the world are undergoing business transformation. For years, they have invested heavily in on-premises IT deployments that are critical today and will remain critical well into the future. They also have the need to build net-new applications in an agile fashion to meet the changing business demands. Enterprises now have the ability to run applications and use multiple services both on-premises and on multiple clouds.

Private cloud, in conjunction with IBM's public cloud, enables developers to innovate faster, integrate rapidly with enterprise software and new cloud services, exploit new software and data services enabled with cloud capabilities, and optimize costs with consistent management and security. IBM® Cloud Private Enterprise helps enterprises transform by providing the tools to develop new cloud-native applications and modernize existing applications.

Connect almost anything on premises and in the cloud

IBM Cloud Private Enterprise has at its core the infrastructure, analytics and services needed to make your private cloud foundation rock-solid. With containers, Kubernetes, and Cloud Foundry at the base, you can excel in your adoption of container technology as a strategic building block for increasing application developer productivity and decoupling teams to enable speed and agility.

You can more easily and efficiently automate, deploy, scale and manage your containerized applications across private and public clouds. With automated, built-in dashboards and analytics, you can manage applications and services across multiple clouds for flexibility and choice. Add in the services needed to do key functions like connecting APIs and data, while also monitoring, logging and managing events—and you have a foundation built for rapidly producing quality code and accelerating business value.



IBM Cloud Private Enterprise is a direct reflection of IBM's experience in helping enterprise developers build cloud-native applications. IBM® Cloud Private Enterprise delivers an enterprise-focused platform designed to adhere to the best practices of developing with microservices. It also delivers a robust set of application runtimes, software, data and other value-added services designed to enable cloud-native applications.

It's the best of both worlds—helping enterprises leverage the power of private cloud to enable new technologies and DevOps models for new cloud application creation and deployment—all with a single platform.

Bringing next-generation development capabilities together

With Microservice Builder and IBM WebSphere® Network Deployment Liberty, IBM Cloud Private Enterprise can help your development team create cloud-native, 12 factor-based applications while better managing the security and regulatory needs of the business. It provides portability designed to enable development teams to build cloud-native application virtually anywhere and move them anywhere, leveraging tool chains without compromising security and compliance.

Offering an open, flexible and extendable platform

IBM Cloud Private Enterprise allows you to choose a prescriptive development approach with Cloud Foundry, or the more customizable and portable approach of Kubernetes and Docker Containers. In addition, consistency with the IBM Public Cloud offerings gives you a choice of deployment models across the lifecycle of your workload and a more consistent management experience as your workload evolves and matures.

Providing enterprise-strength management services

IBM Cloud Private Enterprise delivers a core set of management services for the application runtime frameworks and your applications being developed on top. These management services include logging, monitoring, access control and event management. You can use these tools integrated with the platform out-of-the-box, and leverage existing in-house skills.

Why IBM Cloud Private Enterprise?

Built to help you solve problems and advance opportunities in a world rich with data, IBM Cloud Private can deliver:

Business innovation

- New microservices-based applications to build, deploy and manage more easily—offering dynamic scalability and variable demand management
- New integrated IBM and open source DevOps tools and services for code repositories, deployment, test automation and promotion to production
- Virtually seamless integration to IBM Public Cloud—designed to offer secure access and integration to innovative technologies including cognitive/AI, Blockchain, IoT and more

Integration

- Ease of access to the platform and other services to help developers easily integrate within and across cloud environments
- Catalog of services and integration tools to assist developers on- and off-premises

Greater compliance and management

- Capabilities designed to monitor, secure and operate microservices at scale
- Security-rich corporate data and compliance management with government regulations and/or industry standards
- Management, back-up and recovery of data and applications

Investment protection

- Ability to preserve or delay risky application changes by using the next generation of cloud-enabled software
- Ability to modernize existing heritage applications while integrating with new applications
- Catalog of software and services to enable developers and operations teams to more confidently migrate applications to new versions and the cloud

Ready to try it out?

Install the cost-free Community Edition of IBM Cloud Private www.ibm.com/marketing/iwm/dre/signup?source=urx-19310&S_PKG=ov60811

For more information

To learn more about IBM Cloud Private Enterprise, please contact your IBM representative or IBM Business Partner, or see the following website:

ibm.com/cloud-computing/products/ibm-cloud-private



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