



Tech Data Sales Cards for Sales Professionals

IBM Cloud Private

Efficient implementation of hybrid and multi-clouds



The solution

IBM Cloud Private

Main components and complementary technologies

- » IBM Multi-Cloud Manager
- » IBM Cloud Private for Data
- » IBM WebSphere Application Server Liberty
- » IBM MQ Advanced
- » IBM WebSphere Application Server Network Deployment
- » IBM Db2 Warehouse
- » IBM UrbanCode Deploy

Elevator pitch

» Situation

IT practice shows there is no single model that answers the cloud requirements for the enterprise. The trend is going towards hybrid and multi-cloud concepts. Companies need the scalability and elasticity of the public cloud, but also the diverse management and control options in their own data center.

» Solution

IBM Cloud Private is a cloud application platform that runs on-premise, and is hosted in the customer's IT infrastructure. Its foundation are open source frameworks such as Kubernetes and Cloud Foundry. With this base, private container applications can be developed, managed and orchestrated through IBM Cloud Foundry. Further components are services for the automated provision of IT resources as well as tools for monitoring, logging and security. IBM Cloud Private works seamlessly with the main public clouds via standardized programming interfaces (APIs).

» The USP

IBM Cloud Private offers companies the necessary functionalities on their way to hybrid and multi-cloud environments. Based on container technology, cloud-native applications and microservices are developed in the company's own data center and then deployed via various clouds. APIs facilitate the connection to public cloud services. At the same time, the highest demands on data security and data protection are met. The open source framework ensures a high degree of transparency, flexibility and independence.

» The customer benefit

IBM Cloud Private provides dev and ops teams with a scalable, flexible and highly secure cloud environment behind the corporate firewall. It enables both the development of new micro-service-based applications and the modernization of existing IBM applications for cloud era. It also greatly simplifies the management of hybrid and multi-cloud infrastructures and applications.

IBM Cloud Private: 10 questions

for your conversation with customers and prospects

Are you looking for a solution to modernize existing IBM middleware and database environments?

Do you want to accelerate application delivery and significantly reduce time to market?

Do you use kubernetes or other technologies for container orchestration?

How do you secure your container apps against malicious access?

How many clouds are you using and how do you control and manage their content across the different clouds?

Do you need an agile DevOps platform to quickly create new cloud-native applications, microservices and APIs?

Do you have key compliance, security, and privacy requirements to meet? You can't run business-critical applications in the public cloud or store critical data there?

Are you already using Microservices?

Are you interested in a solution to automatically provision, manage and orchestrate your resources and workloads?

Are you planning to use advanced analytics such as Artificial Intelligence and Cognitive Analysis from the cloud?

3 Use Cases for IBM Cloud Private

» Industries

IBM Cloud Private provides benefits to all industries. Industries with strong regulatory requirements for the handling of data and applications such as banks and insurance companies as well as the healthcare sector and government institutions benefit.

» Use Case 1: Create cloud-native applications

Enterprises accelerate and optimize the development of cloud-native apps using microservices, runtimes and containers as well as the integrated Kubernetes orchestration.

» Use Case 2: Modernizing Applications for the Cloud Future

Existing applications are either transferred unchanged into the cloud or modernized step by step within the framework of new development and operating models.

» Use Case 3: Opening the datacenter to work with cloud services.

Enterprise data enjoys optimal protection and at the same time is enriched by data and tools from the public cloud.

Added value of IBM Cloud Private

» Business Innovation

IBM Cloud Private enables businesses to transform digitally by helping IT applications to become more flexible, portable, and efficient. Developers get a choice of programming languages, frameworks, runtimes and services to develop cloud-native applications and microservices. In addition, IBM Cloud Private can be used to drive the adoption of new services and technologies such as Blockchain or Artificial Intelligence. All this strengthens the innovative capacity of companies.

» Integration

IBM Cloud Private offers APIs to integrate with public clouds. This enables data and services from different clouds to be shared.

» Investment protection

With IBM Cloud Private, companies can continue to use their existing middleware and infrastructure know-how. IBM applications can be modernized with new container-based versions. IBM Cloud Private runs on the existing customer infrastructure, so no additional investments are required.

» Flexible infrastructure options

IBM Cloud Private easily integrates with existing hardware environments, including Intel-based platforms and IBM Power Systems. The solution also supports OpenStack, VMware, IBM Storage, IBM Hyperconverged systems and third-party clouds. IBM Cloud Private is also compatible with leading system vendors such as Cisco, Dell EMC, Lenovo, Intel and NetApp.

» Management and compliance

IBM Cloud Private adapts seamless to companies' compliance and security processes. The software includes a catalog of key operational services for managing the cloud environment. These include tools for monitoring and logging as well as for security tasks. In addition, the cloud solution is easily integrated into existing processes and works flawless with existing software.



without IBM Cloud Private

with IBM Cloud Private

