

IBM Cloud

Move, manage,
and run **SAP**
applications in
the cloud

SAP-Certified Infrastructure
from IBM Cloud



Introduction

The pace of business is skyrocketing. Data ingestion rates are growing exponentially. Expanding your footprint in third-party data centers and increased CAPEX for additional hardware and staffing are time-consuming and expensive.

Moving your SAP applications to IBM Cloud can improve your company's agility and speed up time-to-market, increase competitiveness, and allow you to better serve your lines of business.

If you're looking to bring the benefits of cloud to your SAP workloads, you're in luck. Both SAP HANA and SAP NetWeaver workloads are certified to run on IBM Cloud bare metal servers. This enables you to quickly simplify your cloud environment for easy and cost-effective scaling. You get all the benefits of cloud: power, control, scalability, flexibility, and cost savings. Just point, click, order, and run.

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Cloud best practices

Power & Performance

Match on-premises computing power

The value of bare metal is in its power, security, and configurability.

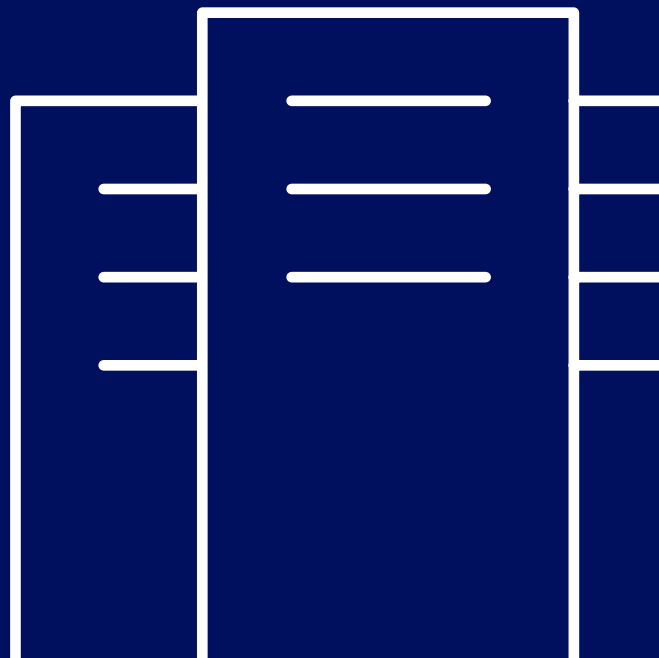
Our bare metal servers are fully supported by SAP for production and non-production instances and run on an SAP-certified cloud platform.

Rapidly deploy your SAP workloads to our certified IaaS bare metal servers for unparalleled performance. Single tenant, dedicated servers packed with enterprise-grade power, these servers are built to master processor and I/O intensive workloads. With no noisy neighbors to worry about, you'll eliminate multi-tenant

resource conflicts with competing work streams to see maximum performance.

Now in the cloud, you'll experience the same power and performance you see in your on-premises data centers. As your workloads grow, you can also scale faster than the time it takes to add resources to your private infrastructure. You get a better investment with the best configurations for your SAP workloads—without the overhead of running your own hardware.

Our bare metal servers, with up to **8TB RAM** and **192 cores**, are designed for enterprise-sized SAP deployments.



Speed & Flexibility

Our cloud solutions let you rapidly deploy and scale SAP-certified bare metal servers in the IBM Cloud

Provision these servers on demand with your choice of our growing SAP offerings, ranging from small to large configurations. Then spin up your SAP environment and scale out as demand requires—faster and more easily than with private infrastructure.

Our unique network architecture, global network of data centers, and network points of presence (PoPs) give you the flexibility to put your SAP workloads where they work best for you. They allow you to move data to, from, and between your servers with minimal latency at no cost on our private network.

Keep in mind that as your cloud environment grows, our bare metal servers seamlessly integrate with IBM virtual servers and other products and services. Integrate them now or whenever your workloads call for it.

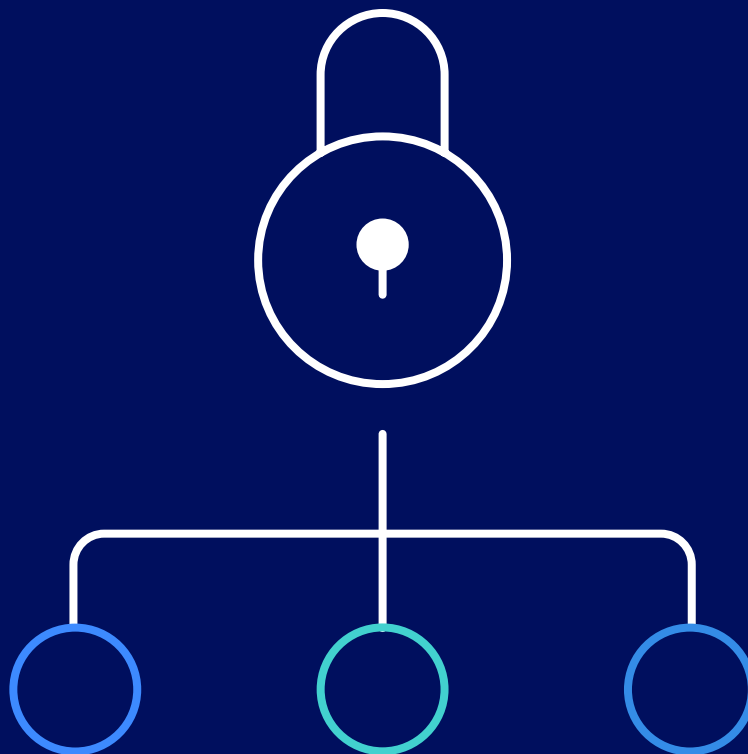


Control & Security

You manage the hardware—we'll maintain it

When building your SAP-certified bare metal servers, mirror your on-premises environments by mixing physical servers and virtual servers with VMware, the virtualization engine of choice for SAP deployments. Manage your SAP landscapes in the cloud through our customer portal or interact via API. You have full control of the stack.

We're committed to using the most advanced hardware technologies that dramatically minimize your data center and server exposure to outside threats. With visibility into and control of your cloud environment, you can apply your required security best practices for peace of mind.



Bottom Line & Hybrid Perks

Make better use of your infrastructure budget

By moving to the cloud, you take advantage of the OPEX model and opt out of CAPEX for your infrastructure running SAP applications. This means no more upfront and ongoing costs of purchasing and maintaining hardware, data centers, and networking. IBM Cloud handles the operational and infrastructure maintenance, freeing up your time and resources.

Stretch your budget even further by creating a hybrid environment comprised of your own private cloud infrastructure and IBM Cloud IaaS. The flexibility of the cloud lets you save time and skip hassles. You scale easily when your workloads grow without building out your private cloud.

You'll get:

- ✓ Preconfigured bare metal servers featuring **simple scalability** as SAP workloads grow
- ✓ No CAPEX or long-term commitments
- ✓ Investment in **cloud resources** and **cloud experts** over private architecture



Nuts & Bolts

Get to know the ins and outs of your SAP-certified infrastructure

Essential components of your SAP landscape

- **SAP bare metal servers** | <http://ibm.co/bare-metal-sap>
Our bare metal servers are certified by SAP for production SAP HANA and SAP Netweaver workloads.
- **Network gateways and appliances** | <https://ibm.co/network-appliances>
Get enhanced control over network traffic, accelerate your network's performance, and give your network a security boost with gateway appliances.
- **IBM Cloud block storage** | <https://ibm.co/block-storage>
Deploy Flash-backed storage in granular increments and customize it all with a variety of capabilities. Increase storage capacity with a maximum of 48k IOPs.
- **IBM Cloud Direct Link** | <https://ibm.co/direct-link>
Experience unparalleled network performance when you connect to the IBM global private network via an industry-leading exchange, dedicated, or dedicated hosting provider.

Backup solutions for your SAP environment

- **Veeam on IBM Cloud** | <https://ibm.co/veeam>
Automated backup, recovery, and replication solutions designed to keep your company running and your data protected with 24x7x365 availability.
- **Zerto on IBM Cloud** | <https://ibm.co/zerto>
Protect, expand, or migrate your existing VMware vSphere and other hypervisor workloads onto IBM Cloud's global high-performance infrastructure.
- **IBM Cloud Object Storage** | <https://ibm.co/object-storage>
A highly scalable cloud storage service, designed for high durability, resiliency, and security.

Managed offerings for SAP in IBM Cloud

- **SAP on managed public cloud** | <https://ibm.co/sap-managed-cloud>
Let our skilled personnel perform time-consuming management and maintenance of SAP applications so yours can focus on your business.
- **Cloud solutions for SAP** | <https://ibm.co/sap-services>
Supports faster delivery of SAP services and greater flexibility to respond to workload changes.
- **SAP on managed private cloud** | <https://ibm.co/ibm-cloud-private>
A pre-packaged enterprise-class solution, IBM Cloud Private delivers a single platform located behind your firewall.

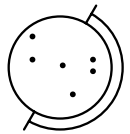
Tips & Tricks



Segregate public and private traffic

Improve communication between nodes

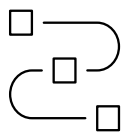
IBM Cloud bare metal servers and virtual servers are connected to a three-tiered network architecture that segregates public, private, and out-of-band management network traffic. Private network traffic and out-of-band management traffic are free and unmetered. Data transferred on those networks does not interfere with your public network bandwidth.



Geographic positioning

Provision infrastructure close to your headquarters, offices, and factories

IBM Cloud data centers are strategically located in over 60 geographic locations to meet your needs so you can meet the needs of your customers. This lets you deploy your bare metal cloud servers in the specific IBM Cloud data center of your choice. With our competitors, you provision resources in a region—and those resources may be housed in different data centers within the region.



Peer as needed

Streamline network paths

IBM Cloud infrastructure is provisioned on a global backbone network connecting our data centers and network PoPs along with major transit and peering bandwidth providers around the world.

Bare metal cloud solutions for your SAP workloads are available from IBM Cloud today.

To learn more or order your servers, visit:
<http://ibm.co/bare-metal-sap>

Order now →



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