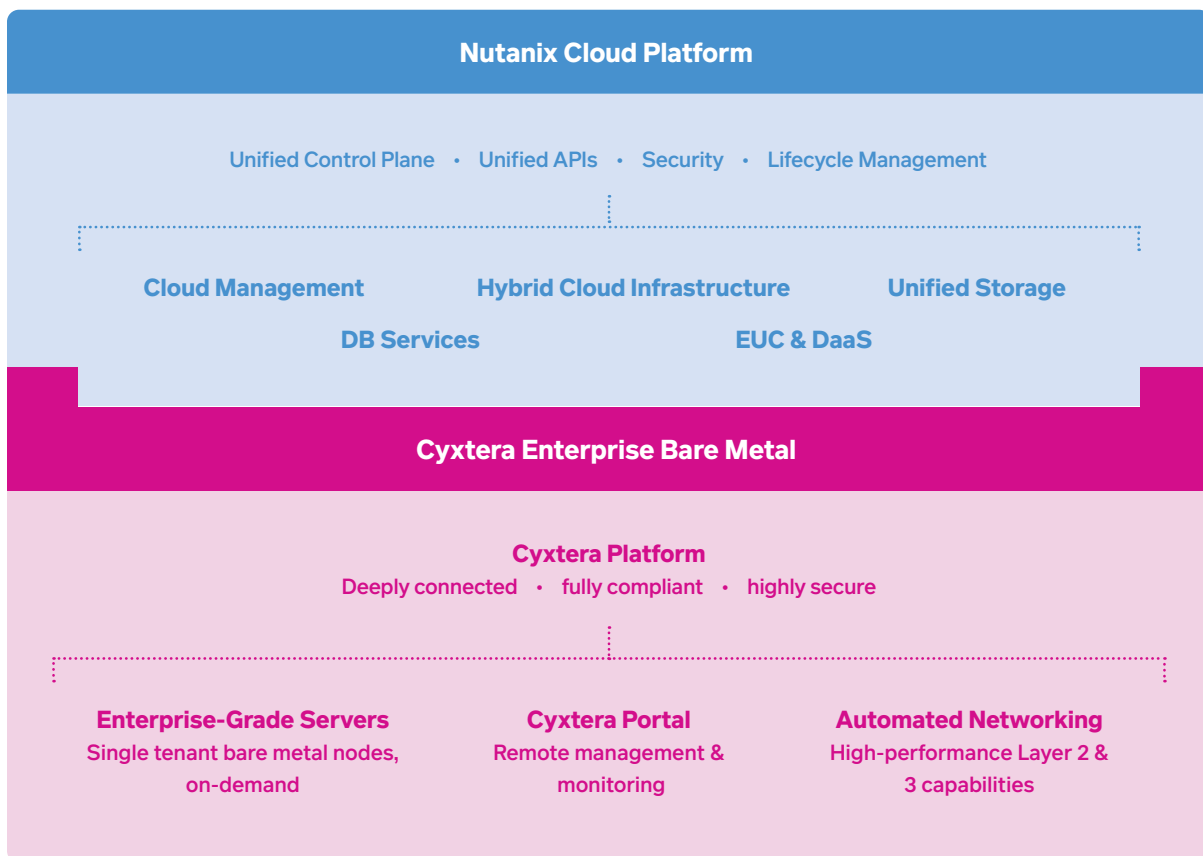# Nutanix Cloud Platform on Enterprise Bare Metal

On-demand infrastructure with superior connectivity and hybrid multicloud flexibility

As companies seek to improve digital services for customers and employees—and deliver them more quickly—they require a wider range of infrastructure options. On-premises infrastructure can address predictable IT needs, while colocation offers a similar operational model with significant connectivity advantages. Public clouds provide infrastructure elasticity but much less direct control. Until now, there has been no single solution that offers the control of colocation with the agility of the public cloud.

Power your hybrid cloud with Cyxtera & Nutanix

Nutanix and Cyxtera are partnering to deliver the mutual advantages of Nutanix Cloud Platform and **Enterprise Bare Metal**. Our combined solution delivers the software-defined capabilities of **Nutanix's proven HCI platform** running on best-in-class, highly connected server hardware, unlocking cloud-like agility and scale without compromising on network security, reliability, or performance.

Customers gain access to infrastructure with no procurement delays, and can take immediate advantage of Cyxtera's platform to enable secure, low-latency connections to customers, on-premises enviroments, and the cloud. And with Cyxtera's best-in-class remote management portal, customers can provision and monitor a complete data center environment from anywhere— no manual setup, cabling, or onsite personnel required.

Nutanix Cloud Platform

Unified Control Plane • Unified APIs • Security • Lifecycle Management

Cloud Management   **Hybrid Cloud Infrastructure**   **Unified Storage**

DB Services   **EUC & DaaS**

Cyxtera Enterprise Bare Metal

Cyxtera Platform
Deeply connected • fully compliant • highly secure

Enterprise-Grade Servers
Single tenant bare metal nodes, on-demand

Cyxtera Portal
Remote management & monitoring

Automated Networking
High-performance Layer 2 & 3 capabilities

When creating the Nutanix/Cyxtera technology stack, Enterprise Bare Metal forms the foundation for the Nutanix solution.

Nutanix Cloud Platform

Nutanix Cloud Platform utilizes a modern, software-defined architecture that integrates all IT resources to run any application while delivering true consumer-grade simplicity, drastically reducing operational complexity. The Nutanix software stack is optimized and scalable to support the workloads today's businesses depend on. Because Nutanix Cloud Platform runs on-premises, in public clouds—and now on Enterprise Bare Metal— it creates a unified environment that enables applications to run anywhere.

Enterprise Bare Metal

Cyxtera Enterprise Bare Metal enables customers to instantly provision enterprise-class servers, eliminating lengthy deployment times, depreciating assets, and high operational costs. Each server is a separate, isolated unit dedicated to a single customer, providing security, high performance, and superior connectivity.

Choose pre-configured or custom server options and benefit from a predictable monthly operating expense rather than a large, upfront capital outlay. Because it's delivered over the Digital Exchange, Enterprise Bare Metal can be deployed from anywhere in the world.

Key Benefits

→ **Increase business agility**

Take server procurement and deployment from 3 months to 30 minutes without giving up control over the infrastructure stack.

→ **Deliver operational consistency**

Utilize the same management tools and APIs to deliver the same experience as Nutanix HCI on-prem.Automate deployments and eliminate refactoring.

→ **Eliminate multicloud complexity**

Effortlessly move applications between data centers and cloud environments without rearchitecting or re-factoring.

→ **Enable OpEx consumption**

Reduce overhead with a predictable monthly fee structure. Reduce costsfurther for commits up to 36 months.

→ **Support critical use cases**

Flexible server options and powerful Nutanix software support private and hybrid cloud deployments, enterprise and cloud native apps, VDI, DR, and most other workloads.

→ **Control & monitor everything remotely**

Monitor and manage physical infrastructure, virtualization, containers, and applications with smarter remote management tools from Cyxtera and Nutanix.

Cyxtera Digital Exchange

The Digital Exchange lets customers build, operate, and scale colocation infrastructure with the ease of the cloud. Extend existing colocation environments, or deploy new ones, with on-demand access to highperformance compute, interconnection, storage, and networking.

Use Cases

Private Cloud/Hybrid Cloud

Support flexible private cloud deployments with ease. Existing Nutanix customers can enable hybrid cloud operations and seamlessly connect their existing on-premises environments to Cyxtera.

Backup & Disaster Recovery

Nutanix on Enterprise Bare Metal serves as an ideal backup and DR site for Nutanix customers—including those running Nutanix HCI on-premises and in colocation. Provision only the necessary resources to support replication and quickly scale if needed. Utilize remote deployment to set up and manage geographically dispersed DR sites without the need for travel.

Virtual Desktop Infrastructure (VDI)

Virtual desktops can be spun up quickly via Nutanix Frame or another broker of choice to support seasonal and on-demand needs. Scale capacity anywhere with on-demand servers, and improve service levels for remote workers worldwide by running VDI across Cyxtera's global data centers.

Dev/Test

Important development projects can have resourcing timelines measured in months. With Nutanix on Enterprise Bare Metal, these efforts become an operational expense instead of a capital outlay, and developers can spin up additional resources the moment they're needed.

Cloud Native Workloads

Host next-generation, cloud native apps in Cyxtera datacenters for optimum connectivity. Nutanix runs the latest cloud native platforms—Nutanix Karbon, Red Hat OpenShift, Microsoft Azure Arc, Google Anthos and more—ensuring customers can continue to use their preferred environment.

To learn more, or for assistance assessing your workloads for Nutanix Cloud Platform on Enterprise Bare Metal, contact sales@cyxtera.com today.