

Kyndryl Private Cloud, Powered by Cisco



Benefits

- **Speed cloud transformation** with private cloud infrastructure for workloads that require on-premises deployment.
- **Increase agility** with a fully managed on-premises infrastructure delivered through a pay-as-you-go model.
- **Secure your data and workloads** with a dedicated infrastructure in hybrid cloud environment.
- **Physically isolate—air-gap—data encryption and management** from your infrastructure and secure it with proven Cisco and Kyndryl technologies.
- **Scale to meet demand** with a cloud business model that eliminates CapEx and reduces new technology risk.
- **Link private and public cloud resources** and support innovation by creating a true hybrid environment.

In tandem: on-premises and public workloads

Is your organization facing roadblocks—security and compliance risk, management and maintenance problems, or data latency issues—that make it impossible to move to the public cloud?

The Kyndryl Private Cloud, powered by Cisco, allows you to enjoy all the benefits of public cloud while also meeting privacy, data residency, and security requirements. This fully managed deployment offers as-a-service capabilities globally, regionally, or in-country—on your premises, at a Kyndryl data center, or your choice of colocation.

Kyndryl Private Cloud—together with the Cisco Unified Computing Solution™ (Cisco UCS®) and 3rd party solutions—delivers compute, storage, and network technology options that create a solid platform for Red Hat, VMware, and IBM CloudPak. With public cloud platforms such as Microsoft Azure and IBM Cloud, Kyndryl Private Cloud makes it possible to run on-premises and public cloud workloads in tandem, using unified and consistent approach through a single pane of glass.

Integrating pay-as-you-go pricing with advanced technology

The Kyndryl Private Cloud, powered by Cisco, improves application performance and operational efficiency. Delivered as a consumption-based, as-a-service model, it maximizes savings regardless of the options you choose and eliminate CapEx.

- **Compute as a service (CaaS):** a secure single-tenant environment that isolates workloads on physical servers and virtual machines (VM).
- **Storage as a service (SaaS):** multiple, scalable high-performance data tiers that can accelerate demanding cloud applications, now and going forward with vendors such as NetApp or Pure Storage.
- **Network as a service (NaaS):** a single-tenant, private cloud-based software-defined network (SDN) data center local area network (LAN) environment.



Kyndryl Private Cloud configurator and services

Configuration choices	Kyndryl services
<p>Infrastructure management:</p> <ul style="list-style-type: none"> • CaaS • SaaS • NaaS 	<p>Deployment:</p> <ul style="list-style-type: none"> • Hardware/software installation • All tools necessary to manage environment
<p>Compute offering:</p> <ul style="list-style-type: none"> • Bare metal • VM- vCPU, RAM <p>Storage offering:</p> <ul style="list-style-type: none"> • Data tiers- Block, platform-optimized, file, and object • Total GB capacity <p>Network offering:</p> <ul style="list-style-type: none"> • Data center network fabric and switch pairs 	<p>Infrastructure management/monitoring:</p> <ul style="list-style-type: none"> • Ansible playbooks driving automation for allocation, provisioning, and lifecycle management • Enterprise class monitoring for reliability and optimization • Audit and compliance support • 24 x 7 x 365 monitoring and management

Configuration choices	Kyndryl services
<p>Hosting location:</p> <ul style="list-style-type: none"> • Customer site, using existing network • Colocation preferred by customer • Kyndryl data center 	<p>Self-service cloud automation/orchestration:</p> <ul style="list-style-type: none"> • Automated provisioning and lifecycle management of virtual records
<p>Management location:</p> <ul style="list-style-type: none"> • Global: Standard model, India based • In-region: For in-Europe in-Latin America • In-country: For specific data or regulatory requirements 	<p>Licensing options:</p> <ul style="list-style-type: none"> • VMware and Red Hat virtualization options

Start your journey to hybrid cloud transformation today

Do you need the speed, safety, and ability to comply required by a complex and sophisticated IT infrastructure? To learn more about the benefits of hybrid cloud transformation in pay-per-use model by [Kyndryl Private Cloud](#), powered by Cisco, contact your Kyndryl or Cisco account manager.