

SOLUTION BRIEF

# Pure Storage on Equinix Metal

High-Performance Interconnected Storage at the Edge.

Bare Metal as-a-Service, Powered by Pure provides simple, on-demand, hosted, full-stack, (network, storage, compute) deployment and support from a single vendor, under one contract—all with Pure Storage<sup>®</sup> embedded. Available through the Pure Storage on Equinix Metal Solution, Pure Storage's Bare Metal as a Service partner, you get a single contract and support to reduce complexity.

## What You Get

Use Bare Metal as-a-Service, Powered by Pure to instantly provision physical, dedicated, single tenant servers and storage with cloud-like ease and speed. You'll be able to deploy and manage your infrastructure through API automation or a simple click of a button. The solution includes the deployment, hosting, and support of all physical aspects of your IT environment. Bare Metal-as-a-Service, Powered by Pure lowers operational costs and risk while enabling flexible, scalable as-a-service IT infrastructure. Based on an industry-leading flexible storage subscription service, Pure raises the bar by ensuring that you have the storage capacity, availability, and performance you need, while only paying for what you use—without a long-term commitment.

## How It Works

The solution provides root level administrative access to the entire processing power of individual servers, storage, and networking through an automated provisioning platform in dozens of global data centers. This allows you to deploy and manage your entire IT infrastructure globally from a distance via an easy-to-use, web-based control plane and a full set of APIs for automation. You also maintain the advantages of controlling both the hardware—which is dedicated to you—and your chosen software, all while never stepping foot in a data center.

To learn more about the economic benefits of Bare Metal as-a-Service, Powered by Pure, schedule a meeting to get the [Enterprise Strategy Group \(ESG\) Economic Validation Total Cost of Ownership: Bare Metal as-a-Service vs. DIY Data Center Report](#).



### ESG Research's TCO of BMaaS Report

- Up to 33% savings over a build-it-yourself approach
- Up to 10 months faster time to value and 34% more revenue realized



### Flexibility

- Pay for only the capacity you need when you need it with Evergreen//One



### Performance

- Premium level performance outside the confines of a on-premises data center



## Meet Your Business and Technology Needs

Many organizations have a legacy of building, managing, and hosting their IT environments on their own, which does not translate to efficient delivery models. This can lead to massive cost overruns in cloud environments due to the fundamental differences and challenges of porting traditional applications to multi-tenant infrastructure in public cloud hyperscalers. There are cost implications in this do-it yourself approach, especially regarding staff time spent in workload refactoring and having to manage separate teams for on-premises and cloud workloads. With Bare Metal as-a-Service, Powered by Pure, you can reduce costs, increase efficiency, and meet your sustainability and governance goals by:

- Eliminating physical support management for the infrastructure stack
- Delivering a highly secure, single tenant cloud environment without trade-offs
- Providing low latency, high performance storage, network, and compute delivered at the edge of the cloud
- Reducing IT staff workloads through automated deployment of IT infrastructure
- Improving IT infrastructure performance and agility to react quickly to changing business needs
- Aligning your technology costs directly with usage, all while allowing your development teams to focus on product delivery and bringing new products to market
- Becoming more efficient with a cloud operating model without the tradeoffs of the public cloud

## Leverage a Global Platform for Digital Leaders

Innovative enterprises and service providers harness Equinix's trusted global platform to interconnect the foundational infrastructure that powers their success. Today, time to market is key to survival and success for a business. With Equinix's largest, most active global ecosystem of near 10,000 companies, Pure Storage's multi-cloud, easy-to-use storage solution on Equinix Metal gives you the low latency and unparalleled access to all the right places, partners, and possibilities you need to achieve digital transformation.

Pure Storage on Equinix Metal brings industry leading shared storage to a high-performance, full-stack, hosted [bare-metal infrastructure](#) platform. Take advantage of the platform to build best-of-breed, cost-optimized, hybrid-cloud solutions.

The platform is fully interconnected with every major public-cloud provider. It features more than 356,000 global interconnects to nearly every telecom and ISP provider, creating a true hybrid/multi-cloud environment with unparalleled performance. The Equinix Metal platform embeds the full portfolio of Pure Storage products, including [FlashArray™](#), [FlashBlade®](#), and [Portworx®](#).

The solution enables native block, file, object, and container storage on dedicated, single tenant, bare-metal hardware, physically managed by Equinix. This enables you to:

- Simplify data storage and infrastructure management into a single fully integrated, on-demand platform
- Leverage flexible infrastructure to quickly respond to changing business needs and to help unlock critical business insights
- Reimagine the cloud journey and accelerate business and digital transformation

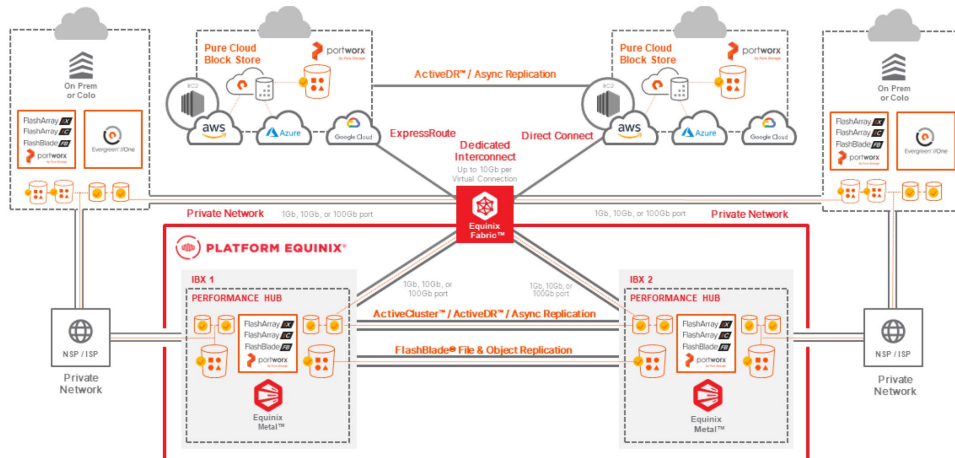


Figure 1. Bare Metal-as-a-Service, Powered by Pure

## Make the Switch

Bare-Metal-as a-Service, Powered by Pure enables you to switch to a flexible and scalable as-a-service IT infrastructure with:

- **Transformation:** Reimagine your cloud or digital transformation journey with a single platform that addresses past (legacy on-premises applications), present (high-volume data-driven applications), and future (cloud-native and next-gen applications) technology challenges all in one place.
- **Control:** Pure Storage arrays and Equinix bare metal servers are all single tenant and delivered at the speed of software, providing complete control of storage and compute requirements with on-demand, instant deployment capabilities.
- **Security:** Single tenancy also assures customers that they are not sharing their hardware with anybody else. Additionally, Pure Storage arrays deliver industry-leading, enterprise-grade, multi-layer data encryption that's always on by default.
- **High-performance:** Resilient all-flash storage arrays are physically proximate and directly connected to the Equinix Metal servers on the same internal network. This assures customers of the lowest latency possible between compute and external storage systems, a key requirement for mission-critical, high-performance applications.
- **Proximity:** Available in 24+ global metros that are in proximity to customers, geographies, and locations to achieve low latency performance and meet data sovereignty or regulatory requirements.
- **Interconnection:** Pure Storage on Equinix Metal allows customers to leverage the on-demand compute and direct access capabilities of the Equinix bare metal compute, as well as hyperscale virtual machines and cloud-native services via Equinix Fabric.
- **Sustainable:** Pure Storage's industry leading, high density, low power, all flash storage arrays can meet or exceed sustainability and ESG goals.

## Additional Resources

- Learn more about [Bare Metal as-a-Service, Powered by Pure.](https://www.purestorage.com/bare-metal-as-a-service)
- Explore [Pure Storage on Equinix Metal.](https://www.purestorage.com/equinix-metal)

[purestorage.com](https://www.purestorage.com)

800.379.PURE



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