

# PACKET BARE METAL AS A SERVICE ON DELL EMC

Deploy and automate bare metal Dell EMC infrastructure anywhere — and consume it as a service.



*Dell EMC and Packet: Driving success through automation*

## SP Solution Spotlight

Packet Bare Metal as a Service on Dell EMC offers a new ownership model for service providers and enterprises, bringing together the flexibility of bare metal as a service (BMAas) with the performance and control of a scalable, automated, geodistributed bare metal platform. The solution is powered by a combination of Dell EMC’s market-leading server portfolio, offered by subscription, and Packet’s automation software. The operational benefits of Packet automation are delivered through an API-first strategy across cloud, enterprise and edge deployments, providing the control and scalability that today’s enterprises need.

This BMAas capability enables service providers to rapidly expand to new geographies globally without capital expenditure (capex) and with their existing architectures and cloud configurations. The BMAas model provides the core operating infrastructure based on Dell EMC servers combined with Packet’s automation and remote management capabilities, allowing service providers to instantiate additional cloud nodes rapidly in Packet data centers.

## Executive Summary

Packet Bare Metal as a Service on Dell EMC addresses today’s challenges of deploying, in a scalable and cost-effective manner, bare metal infrastructure on cloud and edge locations in support of modern workloads. With the solution, service providers can now support cloud-native applications, DevOps, IoT, NFVi, OSS, BSS, autonomous capabilities and virtualization.

Packet Bare Metal as a Service on Dell EMC combines the effectiveness of the Packet automation platform and Dell EMC servers like PowerEdge R640, R6415, R740 and R740xd. It offers multiple configurations to support a broad range of workloads and requirements. Packet’s automation platform brings a new API-driven level of control and automation of server clusters across geographies, configurations, networks, operating systems, deployment platforms and applications. And it’s all on a time-based subscription model.

## Key Takeaways – What Are the Benefits?

100%  
opex model



50%+<sup>1</sup>  
infrastructure savings  
vs. public cloud



100%  
fully managed  
bare metal cloud



SP Features	DELL EMC
CONSISTENT CLOUD DESIGN	Continue to implement and use your validated cloud design on Packet's hardware infrastructure.
LOW-RISK EXPANSION	Implement new cloud nodes globally, without long-term commitments or capex.
EFFICIENT, FAST SCALING	Move from "click" to "consume" in just days, to scale globally with confidence.
AMD AND INTEL OPTIONS	Choose from leading Dell EMC PowerEdge servers featuring AMD and Intel processors.
LEADING DEVELOPER AUTOMATION	Use Packet's API and developer integrations to control infrastructure at scale.
FULLY MANAGED BARE METAL CLOUD	Experience installation, automation and 24x7 support backed by a carrier-grade global network.
VALIDATED STACK	Have confidence in every server type and configuration; each undergoes deep technical evaluation for interoperability and performance.
SINGLE PANE OF GLASS	Fully control your cluster without ever needing to touch the hardware.
DevOps INTEGRATIONS	Spur innovation with a configurable software layer that is fully integrated into the modern DevOps and application ecosystem.
ENTERPRISE SECURITY	Enjoy enterprise-grade security with Packet's single-tenant deployments per instance, TPM, two-factor authentication and more.

## Key Points – Why Choose Dell EMC?

OPEX MODEL	A zero-capex model delivers business and financial flexibility on the leading x86 servers.
MINIMAL COST	Cloud-style deployment and management make it easy to scale up and down in response to business requirements.
CHOICE	Various hardware configurations, locations and subscription lengths allow each solution provider to build its perfect deployment.
SIMPLICITY	The model offers all the power, features and capabilities providers need, without the headaches of managing hardware and networks.
PLATFORM FLEXIBILITY	Bare metal cloud supports a broad variety of workloads, from cloud-native to virtualized.
DEPLOYMENT FLEXIBILITY	The solution provides consistent stack and management for cloud, enterprise and edge deployments.
HYBRID CLOUD	Service providers can deploy across global locations with a consistent developer experience.
CONNECTIVITY	Service providers can take advantage of the Packet backbone for site-to-site connectivity, enhancing their global coverage capabilities.

<sup>1</sup> Data based on Packet comparison between Amazon Web Services (AWS) equivalent bare metal instances. For more information, visit <https://www.packet.com/cloud/compare/aws/>

<p>Learn more about Packet Bare Metal as a Service on Dell EMC at <a href="https://www.packet.com/">https://www.packet.com/</a></p>	<p>Contact a Dell EMC Expert at <a href="mailto:ga_spotlight@dell.com">ga_spotlight@dell.com</a></p>	<p>View more resources at <a href="https://tinyurl.com/y4bu4y3x">https://tinyurl.com/y4bu4y3x</a></p>	
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