

Adria Forum 2025

HPE GreenLake Flex Solution built for VMware Cloud Foundation

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What AI says what is HPE GreenLake?



Give me the simple explanation what is HPE GreenLake?



HPE GreenLake is a service from HPE that lets businesses use IT resources—like computing, storage, and networking—on a pay-per-use basis, just like public cloud services, but with the equipment installed at the company's own location or data center. This means you get the flexibility and ease of use of the cloud, but with the control, security, and performance benefits of keeping your data and systems on-premises. HPE manages and maintains everything, and you only pay for what you actually use.



Is HPE GreenLake public cloud?

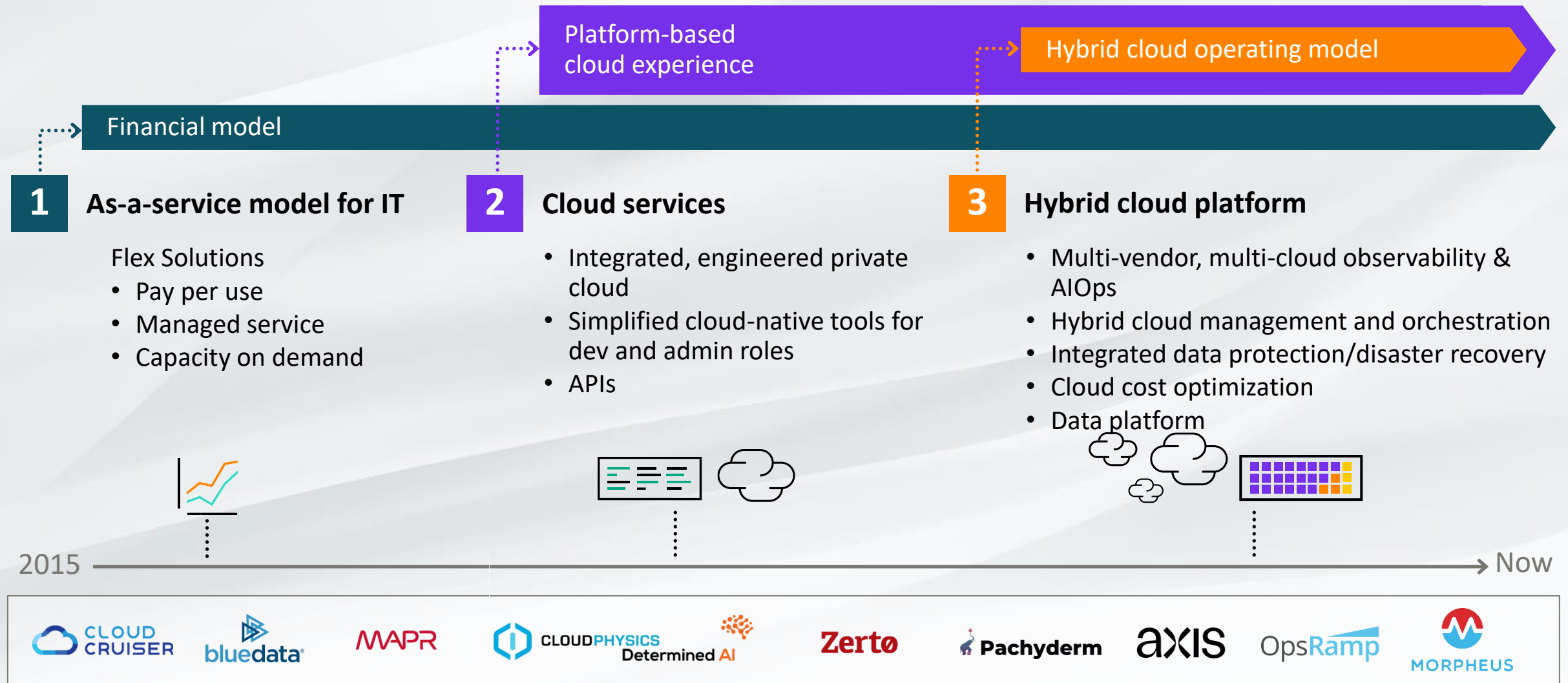


No, HPE GreenLake is not a public cloud. Instead, it is a hybrid cloud platform designed to deliver the benefits of public cloud—such as flexibility, scalability, and pay-per-use economics—within your own data center, at the edge, or in colocation facilities.

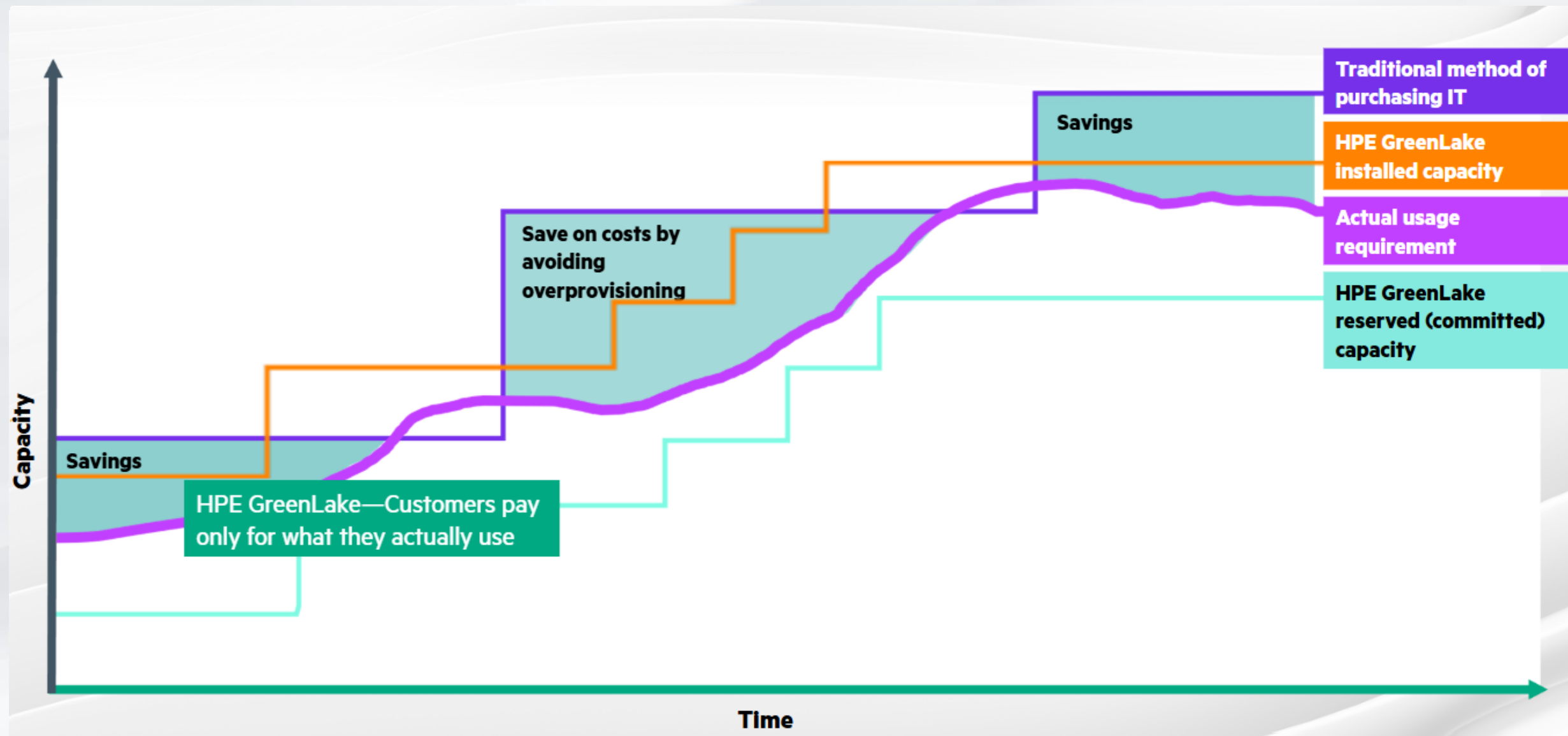
The platform is specifically built to bridge the gap between traditional on-premises IT and public cloud, offering a "cloud experience everywhere" but with the security, control, and performance of private infrastructure.

In summary, **HPE GreenLake is a hybrid cloud solution, not a public cloud provider like AWS, Azure, or Google Cloud.**

HPE GreenLake evolution to a platform-based hybrid cloud



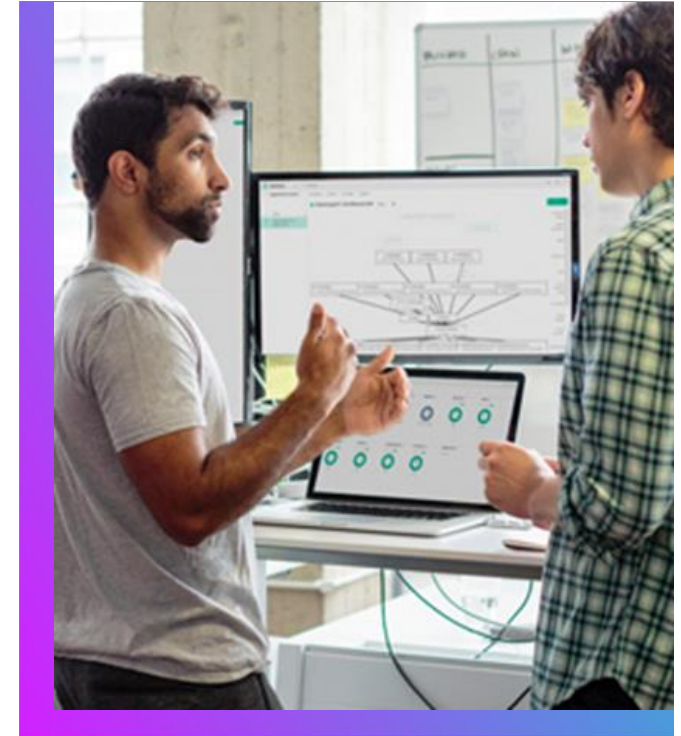
Flexible pay-per-use model



HPE GreenLake Flex Solution built for VMware Cloud Foundation™

A private cloud platform for both traditional and modern workloads

- **Private cloud** designed to modernize your on-prem and hybrid experience
- **Co-engineered** with Broadcom VCF™ for operational efficiency
- **Includes Subscription licenses** for VMware Cloud Foundation software
- **Optimized** reference architecture increases time to value
- **Predictable** consumption-based monthly billing model
- **Scalable** on demand '*grow as you go*' capacity to support dynamic workloads
- '*Customer managed*' with an option to add '*managed for you*' to overcome skills gap

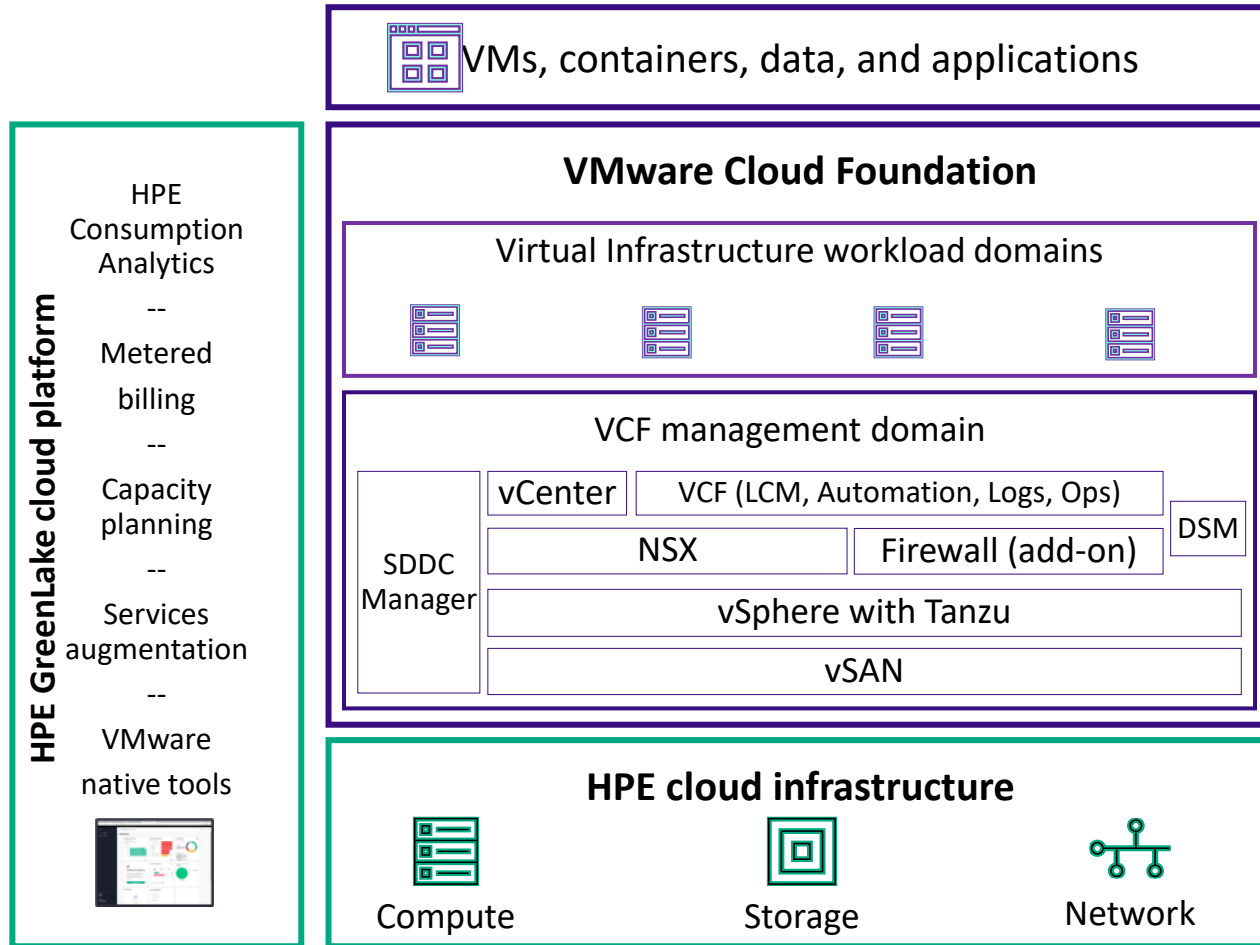


Align monthly costs with business needs and free IT staff to focus on innovation



HPE GreenLake Flex Solution built for VMware Cloud Foundation™

Co-engineered with VMware by Broadcom



Secure on-premises private cloud platform

- Includes choice of optimized HPE infrastructure instances with VMware Cloud Foundation hybrid cloud platform
- Supports VCF-enabled virtualized and containerized workloads
- Provides flexible grow-as-you-go consumption model*

Ease of Lifecycle Management

- Highly efficient Lifecycle management of HPE infrastructure plus VMware Cloud Foundation platform via tight integration and automation
- HPE supports capacity management for workload domain standardized compute instances

Scalability with operational simplicity

- HPE GreenLake platform enables easy access to billing and consumption analytics

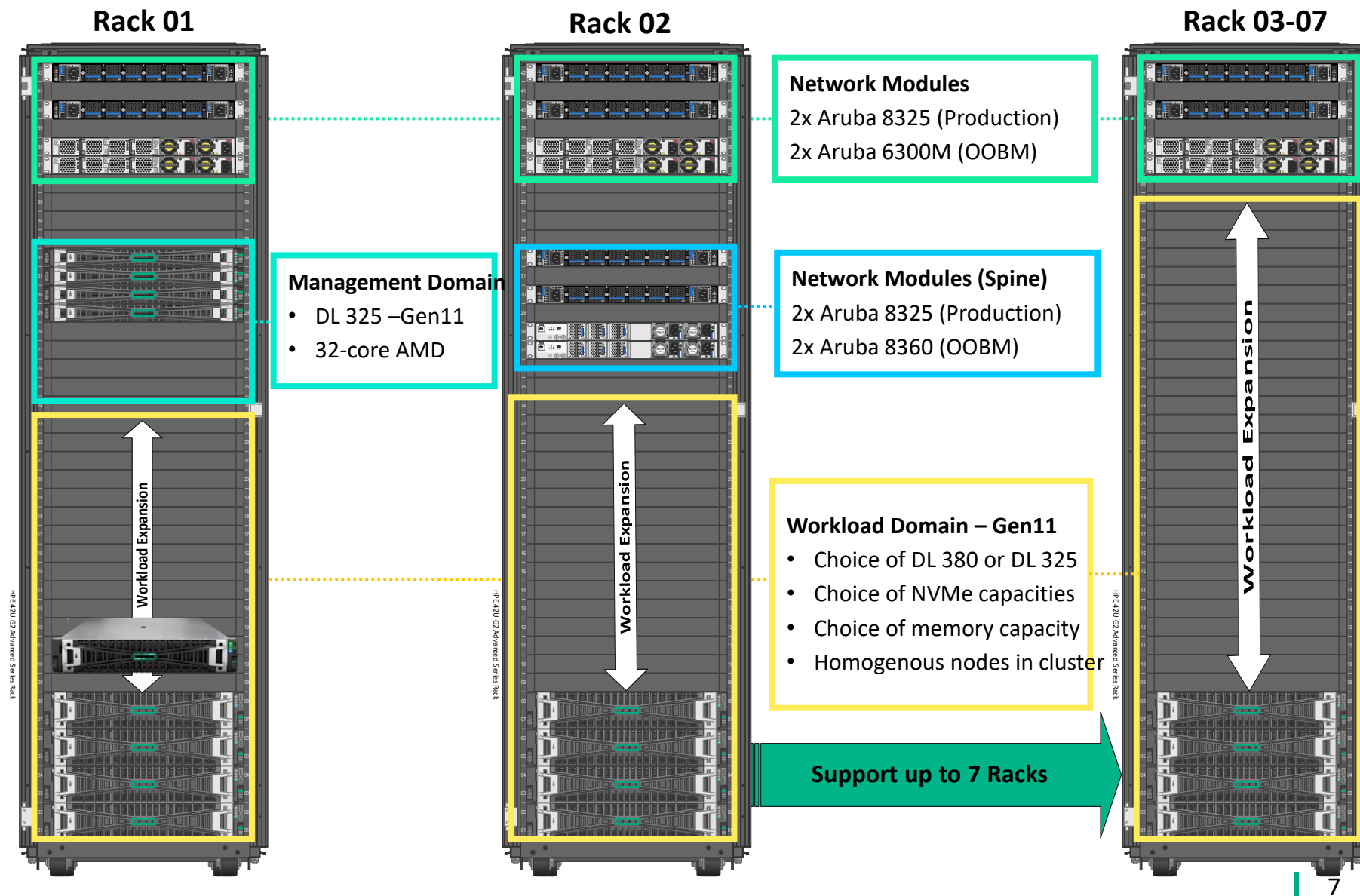
* May be subject to minimums or reserve capacity may apply

Infrastructure

- Start small with a single workload domain in 1 rack, OR
- Start with multiple domains across 7 racks
- Support up to 7 racks (spine switch limits)
- Scalable management domain
- **vSAN ESA**

Use Cases:

- Business critical apps
- VDI
- Cloud native applications
- Web applications



Instance Types | Gen 11 ProLiant

Use case	Instance Type	Platform	NVMe Raw Storage (TB)	Memory (GB)	CPU	Base Frequency (GHz)	Network	GPU
Dev purposes	S4au.N6	DL 325	6.4	192	1x 32-core AMD®	3.0	4 x 25GbE	-
Dev purposes	S4au.N12	DL 325	12.8	192	1x 32-core AMD®	3.0	4 x 25GbE	-
Dev purposes	S4au.N12d	DL 325	12.8	384	1x 32-core AMD®	3.0	4 x 25GbE	-
Entry HCI	S4i.N25	DL 380	25.6	512	2x 24-core Intel®	2.9	4 x 25GbE	-
Entry HCI	S4i.N25d	DL 380	25.6	1024	2x 24-core Intel®	2.9	4 x 25GbE	-
General Virtualization (Web and App servers)	S4i.N51d	DL 380	51.2	1024	2x 24-core Intel®	2.9	4 x 25GbE	-
Mid performance-OLAP databases*	S4i.N102d	DL 380	102.4	1024	2x 24-core Intel®	2.9	4 x 25GbE	-
High-performance-OLTP workloads*	S4i.N102q	DL 380	102.4	2048	2x 24-core Intel®	2.9	4 x 25GbE	-
Accelerated VDI workloads	S4i.N51vd	DL 380	51.2	1024	2x 24-core Intel®	2.9	4 x 25GbE	A16 x 2

* Different Instance type ESXi clusters are supported with billing unit of measure as vSAN raw storage

Services Experience

Service experience

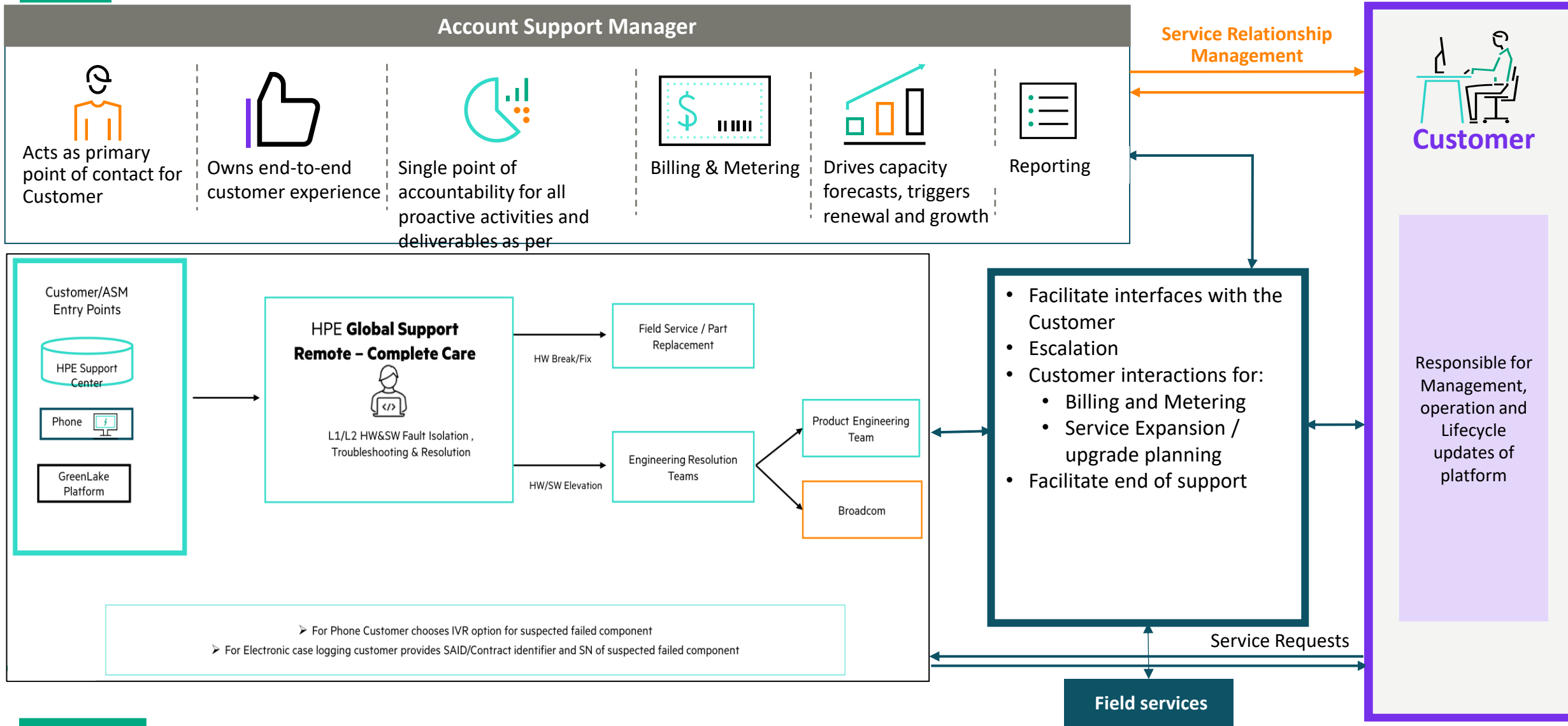
- This service includes design, installation, and configuration of a co-engineered HPE GreenLake Flex Solution built for VMware Cloud Foundation
- **HPE Factory Express Services** provides project management and on-site services delivery resources.
 - **Tech Care Essential** is offered on the hardware components
 - **HPE GreenLake Service** relationship experience: Entry or Standard based on size of the configuration

Features

- **Day 0/1 End-to-end Build**, Integration and deployment managed by a HPE Consumption Services Specialist
- **Day 2 Tech Care Essential** reactive support for hardware
- **Day N support through HPE GreenLake Service** relationship experience including capacity management and consumption analytics reporting.



DAY 2 Operations

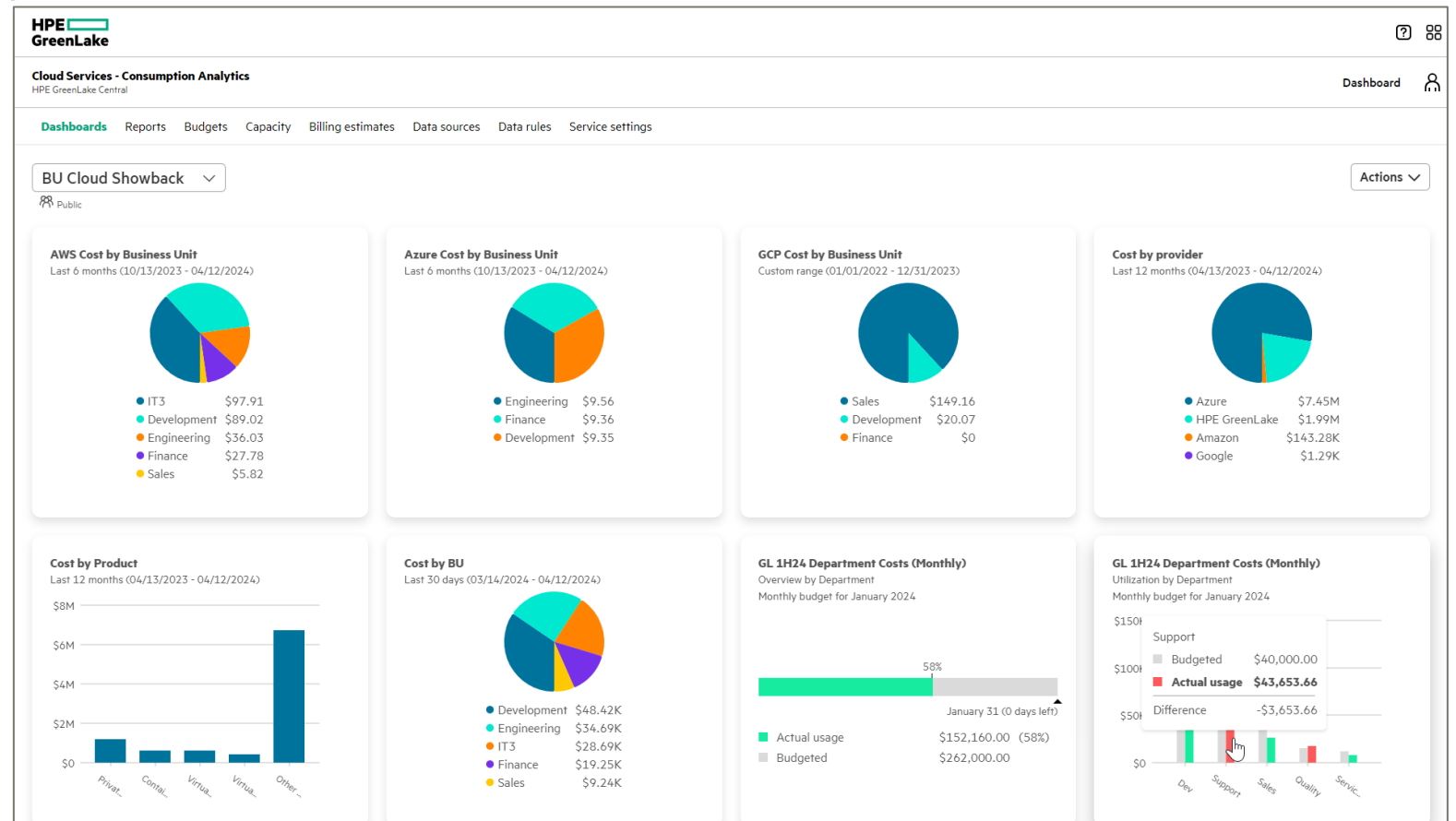


HPE Consumption Analytics

Your daily view of cost and usage

Spot anomalies immediately.....

Drill down to detailed report,
budget, or capacity view



Configurable

Create the right dashboard
for each team/role

Hover to reveal
data points

HPE Consumption Analytics

Monthly charges



Cloud Services - Billing
HPE GreenLake Central

Dashboard

Monthly charges

Monthly Charges

Account:

GL4VCFRnD

Period:

Aug 2023

Meter grouping:

Service category

Export

Total charges: \$444.00

Account GL4VCFRnD (HP-AMS-001-USA-99120)

Generated August 04, 2023

Period August 2023

Month 4 (Start Date May 2023)

	Units	Rate	Cost
- Compute			
- VCF Tier 1 Memory			
Requested Capacity	375.00 GIB		
Reserved Capacity (%)	80.00 %		
Reserved Capacity	300.00 GIB		
Actual Usage (%)	8.15 %		
Actual Usage (3 estimated days ¹)	30.56 GIB		
Capacity to be Invoiced			
Band 1 (> 0.00 GIB)	300.00 GIB	\$1.0000	\$300.00
Subtotal Meter Name: VCF Tier 1 Memory	300.00 GIB		\$300.00
Subtotal group: Compute			\$300.00
- Storage			
+ VCF Tier 1 vSAN	1,440.00 GIB		\$144.00
Subtotal group: Storage			\$144.00
Total			\$444.00

¹ Some or all usage data was not received for these days. As an estimate, we are using data copied from the previous valid day.

This usage/billing report is provided for informational purposes only and contains average usage and billing information for the reported period. This report is not an invoice and does not represent HPE's invoice for these services.

Bringing it all together

Flexibility for your hybrid estate

1200+ partners

Global Service Integrator,
Solution providers, co-location and
more...

Economic choice

Traditional purchase
or as-a-Service

100+ validated ISVs

AI/ML, Data protection,
DevOps and more...

HPE
GreenLake

3000+ integrations

Across platforms, runtimes, and infrastructure



Customer managed

Professional services

Fully managed



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Thank You