

January 2024

# Elevate Your Cloud Experience: HPE GreenLake for Private Cloud Business Edition



#### Intro

HPE GreenLake			2 88
Data Services Cloud Console           Private Cloud Business Edition         ~           If Constant Cond Data         Service Cond Data         ~           Itale with If Service Cond Data         Conduct Cond Data         ~           Dashboard			₽ ⊞ (Â
Summary  100 Private Cloud VMs	Capacity VMs Systems Percentage full 87 10 0 3	58% Protected	up and Recovery Protection ate Cloud VMs refected \$4 explored 39
2005 753 50% 238	Institution         S1X-85X         B0X-95X         94X-100X           DE-TestVM-2023         Private Cloud         42X         6.74 GB of 16.00 GB           DE-TestVM-2024         Private Cloud         31X         5.03 GB of 16.00 GB           DE-TestVM-Cent.         Private Cloud         31X         5.02 GB of 16.00 GB           DE-TestVM-Cent.         Private Cloud         31X         4.07 GB of 16.00 GB           DE-TestVM-Cent.         Private Cloud         30X         4.49 GB of 16.00 GB           DE-TestVM-Cent.         Private Cloud         30X         4.49 GB of 16.00 GB           DE-TestVM-2ent.         Private Cloud         30X         4.49 GB of 16.00 GB           DE-TestVM-123A         Private Cloud         30X         4.49 GB of 16.00 GB           DE-TestVM-123A         Private Cloud         30X         4.46 GB of 16.00 GB           Versidid         Private Cloud         30X         4.46 GB of 16.00 GB           Versidid         Private Cloud         30X         4.46 GB of 16.00 GB           Customer, demo.         Private Cloud         32X         4.46 GB of 16.00 GB           Customer, demo.         Private Cloud         32X         4.46 GB of 16.00 GB	Configuration Checks	3 Systems terring 2 Success 0 III No Checks 1
ote * 23% 80% 75% 100% CPU UNitandine Proper UNitand Over UNitand State = Number of VMs in a System	View All	Name brs-dhcl-02 rtp-drp-af203 rtp-afa171-grp	Status         Date           Image: Nov 16, 2023 12:32 AM         Image: Nov 16, 2023 5:38 AM
Performance           Top VMs         Recent VMs           6.6 K         Total IO           REFLEXEC Counter 1: Private Cloud	3.12 ms Average Latency	Subscription and Usage	

In June 2020, Hewlett Packard Enterprise announced the release of HPE GreenLake Cloud Services to bridge the gap for hybrid and multi-cloud enterprises. This year, they have expanded that offering even further with HPE GreenLake for Private Cloud Business Edition. Offering even greater flexibility and options, HPE GreenLake for Private Cloud Business Edition provides enterprises with a highly tailored and efficient experience in choosing the infrastructure and capacity to fit their business needs.



This unique experience and offering makes HPE GreenLake more attractive as a hybrid cloud infrastructure option than the more ubiquitous cloud offerings, such as Amazon Web Services and Azure. It is specially designed for businesses seeking the agility of cloud consumption models combined with the control of on-premises infrastructure. It offers simplified deployment with predefined configurations, allowing for quicker setup and reduced complexity. Given its optimization for specific workloads, businesses can ensure performance efficiency without the overhead of managing a vast array of services often present in large public clouds. Additionally, for enterprises concerned with data sovereignty, regulatory compliance, or specific security postures, the Business Edition provides the advantage of data locality and heightened control over their environment.

In short, HPE GreenLake for Private Cloud Business Edition is a self-managed private cloud solution with a unified interface to simplify VM to infrastructure management. It allows you to build your self-service cloud on demand where you need it, with a choice of predictable monthly billing or upfront payment.





#### Infrastructure

To start with HPE GreenLake Private Cloud Business Edition, users must first provision hardware to build their private cloud. For on-premises, HPE primarily utilizes cloud-native infrastructure comprised of HPE Alletra disaggregated HyperConverged Infrastructure (dHCI) for business-critical workloads or HPE SimpliVity (true HCI) for distributed-edge sites. It provides enterprises with a complete private cloud package, keeping with the HPE GreenLake concept of flexibility for organizations with varying workloads.

HPE has partnered with Amazon Web Services to supplement their on-premise offering to utilize their EC2 instances as the Public Cloud segment. Combining these two solutions allows HPE GreenLake to present a unified hybrid cloud to enterprises looking for the right solution to fit their needs.

Once you have provisioned the hardware and prepared the cloud configuration via Amazon Web Services, you can begin provisioning virtual machines, policies, backups, health checks, and any other myriad of services HPE GreenLake offers.





## HPE SimpliVity

For a quick refresher on HPE SimpliVity and an update on its capabilities, it is a true HyperConverged Infrastructure (HCI) appliance that combines all the primary features and services necessary for server functionality (like computing, networking, and storage) into one big box. It significantly improves data efficiency and security along with built-in resiliency.



Previously, it was accessible and managed via a centralized portal. With the introduction of HPE GreenLake Private Cloud Business Enterprise, HPE SimpliVity can be managed within the HPE GreenLake platform.



Within HPE GreenLake, the accessibility of an HPE SimpliVity system versus an HPE Alletra system is displayed in a common view. It is within the Systems portal and is only delineated by the system type.

Systems							
C +	un Arschadt Ion Saffri ans Upd	ates Software Locate 34	i Silden Heelft Orebe	Feinest Seith er	6 55075		
							Sur
Name	the State	Hypervisor Clusters	System Type	VM Count	Health	Storage Us	age
brs-dhci-02	• Online	dHCI-Remote-CL1	dHCI	10	Ok	0%	66.51 GiB of 11.21 TiB
BRS-Local	Online	BRS-Local	SimpliVity	3	Ok	0%	351.92 GiB of 1.18 PiB
Ttp-afa171-grp	Online	2	dHCI	96	Ok	10% -	3.14 TiB of 29.56 TiB
rtp-grp-af203	Online	Alletra-dHCI-Clst-02	dHCI	75	Ok	8% -	2.47 TIB of 29.56

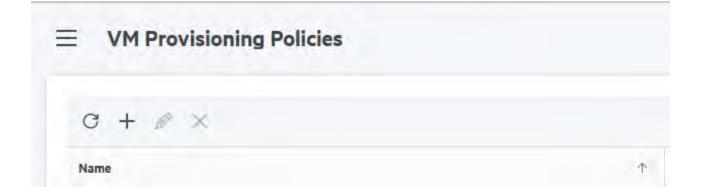




## Virtual Machine Provisioning Policies

Virtual Machine Provisioning Policies are critical to a successful overall hybrid deployment strategy. To access the VM Provisioning Policy portal, select the horizontal bars menu button on the top left to open the list of options to access portals. From there, choose VM Provisioning Policies, which will open the main page of all the policies currently available in your environment.

Data Services Cloud Console | Private Cloud Business Edition ~





To create a new VM Provisioning Profile, click the "+" icon in the top left, and a window will open to allow you to begin filling out the required information. You will need to name the profile and provide a basic description. Select the appropriate radio button for Deduplication, Data Encryption Cipher, or All-Flash if these are the options you need. Hovering your cursor over the information icon to the right of each option provides additional information about what these options are used for. Finally, you can leave the QoS Performance settings as their default of the one million IOPS Limit or adjust them to fit the environment.

۲	0	0
General	Protection Policy	Summary
* Name		I
SR-VM-ProvPolicy01		
Description		
Test Provisioning Policy		
Deduplication 🗉		
Data encryption cipher 💷		
<u> </u>		
Cancel		Back



General	Protection Policy	Summary
Deduplication		
Data encryption cipher		
All-Flash		
QoS Performance Traffic between VM and 3	Storage Array	
* MB/s Limit IOPS Li		
1000000 1000		
Cancel		Baclu Next
0		
General	Protection Policy	Summary
General		Summary
General		Summary
General elect Protection Policy (optional)	Protection Policy	
General elect Protection Policy (optional) ADMG-Nashville-DemoStor	Protection Policy ADMG-Nashville-Policy	Array-Hourly-Snap
General elect Protection Policy (optional) ADMG-Nashville-DemoStor Policy-type User defined	ADMG-Nashville-Policy Policy type User defined Used by 7 resources	
General elect Protection Policy (optional) ADMG-Nashville-DemoStor Policy type User defined Used by 1 resources Assigned Yes	Protection Policy ADMG-Nashville-Policy Policy type User defined Used by 7 resources Assigned Yes Snapshot every 6	Array-Hourly-Snap Policy type User defined Used by O resources Assigned No
General elect Protection Policy (optional) ADMG-Nashville-DemoStor Policy type User defined Used by 1 resources Assigned Yes Shapshot every 4	ADMG-Nashville-Policy           Policy type         User defined           Used by         7 resources           Assigned         Yes           Snapshot         every ô           Backup         Backup	Array-Hourly-Snap Policy type User defined Used by O resources
General elect Protection Policy (optional) ADMG-Nashville-DemoStor Policy type User defined Used by 1 resources Assigned Yes	Protection Policy ADMG-Nashville-Policy Policy type User defined Used by 7 resources Assigned Yes Snapshot every ó Backup	Array-Hourly-Snap Policy type User defined Used by O resources Assigned No
General elect Protection Policy (optional) ADMG-Nashville-DemoStor Policy type User defined Used by 1 resources Assigned Yes Shapshot every 4 Backup	Protection Policy ADMG-Nashville-Policy Policy type User defined Used by 7 resources Assigned Yes Snapshot every ó Backup Backup Cloud Backup	Array-Hourly-Snap Policy type User defined Used by O resources Assigned No
General elect Protection Policy (optional) ADMG-Nashville-DemoStor Policy type User defined Used by 1 resources Assigned Yes Shapshot every 4 Blackup	Protection Policy ADMG-Nashville-Policy Policy type User defined Used by 7 resources Assigned Yes Snapshot every ó Backup Backup Cloud Backup Cloud Backup	Array-Hourly-Snap Policy type User defined Used by O resources Assigned No
General Belect Protection Policy (optional) ADMG-Nashville-DemoStor Policy type User defined Used by I resources Assigned Yes Snapshot every 4 Backup Cloud Backup	Protection Policy ADMG-Nashville-Policy Policy type User defined Used by 7 resources Assigned Yes Snapshot every ó Backup Backup Cloud Backup Cloud Backup	Array-Hourly-Snap Policy type User defined Used by O resources Assigned No
General Belect Protection Policy (optional) ADMG-Nashville-DemoStor Policy type User defined Used by I resources Assigned Yes Snapshot every 4 Backup Cloud Backup	Protection Policy ADMG-Nashville-Policy Policy type User defined Used by 7 resources Assigned Yes Snapshot every ó Backup Backup Cloud Backup Cloud Backup	Array-Hourly-Snap Policy type User defined Used by O resources Assigned No



	Ø—		
	General	Protection Policy	Summary
General	Name	SR-VM-ProvPolicy01	
	Description	Test Provisioning Policy	
	Deduplication	Disabled	
	All-Flash	No	
	Data Encryption	None	
	IOPS Limit	1000000	
	MB/s Limit	1000000	
	_		
Cancel			Back Create



#### Monitoring Virtual Machines

Once you have created a Provisioning Policy, return to the Virtual Machines page to create the desired instances.

In the top menu, you can view your Private (physical) Cloud VMs or the Public Cloud VMs (AWS).

Virtual Ma	chines			
				3
Private Cloud VMs	Public Cloud VMs			
C + X	Migrate Power On Power	Off Report Sh	utdown Reset	Import

The main page gives you a brief view of the VMs in your environment and other fundamental data about them, including status and data protection details. You can sort them by any of the characteristics listed and even have the option to view their current performance and utilization statistics from buttons on the right-hand side.

				Q 7
		Summary	Performance	Utilization
Storage				
10% -	9.77 GiB of 90.00 GiB			
0%	15.00 MiB of 12.00 GiB			

The Public Cloud view is no different other than it does not have as much information to display due to the lack of physical hardware needed to monitor.



# Creating a Virtual Machine – Private Cloud

To create a new Virtual Machine, click the (+) icon in the top left corner to bring the creation window front and center.

The first section is the General information: VM Names, Number of VMs, and if you want them powered on after creation.

•					
General	Hypervisor Cluster	Target Datastore	OS Template	Policy	Summary
Number of VMs					
1		\$			
VM Name					
1SR-TestVM					
151(105141)					
A suffix is added to th	e VM Name starting from 1 (fo	r example, VMName_1, VMI	Name_2)		
Power on VMs	created				
	clealed				
				_	
Cancel					Back Next





In the next section, select the Hypervisor cluster where these VMs will be created. You can choose either HPE SimpliVity or HPE Alletra dHCI clusters.

	Hypervisor Cluster	Target Datastore	OS Template	Policy		
lect Target Hyperv	isor Cluster					
C						9 8
					Utilization	
Name	1 Status	Datacenter	System	CPU	Memory	Storage
O Alletra-dHCI- Clst-01		Alletra-dHCI- DC-02	rtp-afa171-grp		5	
Alletra-dHCI- Cist-02		Alietra-dHCI- DC-02	rtp-grp-af203	1	1	

In Section 3, choose the Target Datastore.

	HPE-	/MFS-CL02-DS01	HPE-VVOL	L-266a419fe6fb535	HP	E-VVOLx-DS02	
	Name	HPE-VMFS-CL02-DS01	Name	HPE-VVOL-266a419fe	Name	HPE-VVOLx-DS02	
ę.	Hypervisor Cluster	Alletra-dHCI-Clst-02	Hypervisor Cluster	Alletra-dHCI-Clst-02	Hypervisor Cluster	Alletra-dHCI-Clst-02	3
	TYPE	VMFS	Type	VVOL	Type	VVOL.	
	Usage	24%	Usage	0%	Uşage	2%	
		ecommendations? View all					



Next, select your desired Operating System template.

Ger	) neral Hy	ypervisor Cluster	Target Datastore	OS Template	Policy	,	Summary
ect Oper	rating System Te	emplate					
		tOS-OVF	Destro	Linux 8.7	WIN	2016-OVF	
	Description	103-004	Description	Imported as an o	Description	1010-0VF	
X	Library	HPE-PCBE- Images	Library	HPE-PCBE- Images	Library	HPE-PCBE- Images	7
Don't	like the recomm	nendations? View A	II Template Items				
DOIT	and the recond	INTRATIONS: VIEW A	in realigner reads				
-	_					-	_
Cancel						Back	Her
_							
	_	0	0	0	0		
Gen	Deral Hy	vpervisor Cluster	Target Datastore	OS Template	Policy		Summary
			O Target Datastore	OS Template	Policy		Summary
		ypervisor Cluster d storage attributes)	a subscription of the	OS Template	Policy	0	Summary
	y (preconfigured			OS Template		up-Encrypted	
	y (preconfigured	d storage attributes) hville-HCI-Policy		stPol12345		lup-Encrypted	
	y (preconfigured ADMG-Nasi Deduction All Flash	d storage attributes) hville-HCI-Policy Yes Yes	ANewTe Deduplication All Flash	stPol12345 Yes Yes	AllFlash-Dec Deducilcation All Flash	<b>lup-Encryptec</b> Yes Yes	
	y (preconfigured ADMG-Nasi	d storage attributes) hville-HCI-Policy Yes	ANewTe	stPol12345 Yes	AllFlash-Dec	lup-Encryptec Yes	k.
ect Polic	y (preconfigured ADMG-Nasi Deduplication All Flash Encryption Protection Policy	d storage attributes) hville-HCI-Policy Yes Yes ADMG-Nashville	ANewTe Deduplication All Flash Encryption Protection Policy	stPol12345 Yes Yes Yes	AllFlash-Dec Deduptication All Flash Encryption Protection	<b>Jup-Encryptec</b> Yes Yes Yes	k
ect Polic	y (preconfigured ADMG-Nasi Deduplication All Flash Encryption Protection Policy	d storage attributes) hville-HCI-Policy Yes Yes ADMG-Nashville	ANewTe Deduplication All Flash Encryption Protection	stPol12345 Yes Yes Yes	AllFlash-Dec Deduptication All Flash Encryption Protection	<b>Jup-Encryptec</b> Yes Yes Yes	k.
ect Polic	y (preconfigured ADMG-Nasi Deduplication All Flash Encryption Protection Policy	d storage attributes) hville-HCI-Policy Yes Yes ADMG-Nashville	ANewTe Deduplication All Flash Encryption Protection Policy	stPol12345 Yes Yes Yes	AllFlash-Dec Deduptication All Flash Encryption Protection	<b>Jup-Encryptec</b> Yes Yes Yes	k.

Finally, the Virtual Machine Provisioning Policy specifies the enterprise-class protection policy for data protection and leverages HPE GreenLake for Backup and Recovery.

Once all the various options and configurations have been selected, click Create to submit the VM for creation to your infrastructure stack.

VM Name 1SR-TestVM Power on VMs No created System rtp-grp-af203	
created	
System rtp-grp-af203	
Hypervisor Cluster Alletra-dHCI-Clst-02	
Target Datastore HPE-VVOL-266a419fe6fb5358b9b02e7822510a69	
Template WIN2016-OVF	
Policy ANewTestPol12345	

You can also check on the VM's provision status at the bottom, which will also bring up a window to see the current and pending tasks along with the status and a brief, basic log output from the process.

# Creating a Virtual Machine – Public Cloud

Creating a VM in the Public Cloud is as easy as creating one in the Private Cloud. Click the (+) icon to bring up the creation options window. On the first page are the initial VM options:

- VM Name
- Service Provider (for this review, we tested AWS; Azure is also available)
- · Account Nickname The AWS Account to which this will be attached
- Region
- Key Pair Name AWS will associate this name with the Public Key generated

General	Image	Instance Type	Summary
* VM Name			1
Enter a name			
* Service Provider			
Amazon Web Services (AWS)	~		
* Account Name (Nickname)			
Select	Ý		
* Region			
Select	~		
Cancel			Back New



After entering the basic information, the following screen will present over 2200 images to select for your Virtual Machine instance.

Image	Instance Type	Summary
* *		
Provided by Red Hat, Inc,	available	AWS
Provided by Red Hat, Inc.	available	AWS
		1-10 of 2229
		Back Most
	Image Provided by Red Hat, Inc,	Image Instance Type Provided by Red Hat, Inc, available





The final screen is to choose the instance type. The options listed are size, architecture, and if it is available in the AWS Free Tier.

⊘		•		
General	Image	Instance Type	Summary	ý
Select a Machine Instance Type				
C				Q 7
Instance Type	↑↓ Architecture	2	Free Tier Eligible	
O c4.2xlarge	x86_64		No	
O c4.4xlarge	x86_64		No	
O c4.8xlarge	x86_64		No	
Cancel			Back	Next

Like the Private Cloud, while the virtual machines are provisioning, you can view the status and all essential log messages generated during the process.





#### Systems Update

The Systems Update feature allows administrators to non-disruptively update the HPE Alletra Storage Array, ESXi, and server firmware versions for an entire cluster. These updates are executed in the Systems section of the Management Console.

Systems							
C + Martin Martin	osi Kimugawa 🛛 Smaquise 🗍 kisa						
Name	<ul> <li>Hypervisor Clusters</li> </ul>	Updated On	Current				
brs-dho-02	dHCI-Remote-CL1		UNAVAILABLE				
BRS-Local	BRS-Local						
rtp-afa171-grp	3						
	Alletra-dHCI-Clst-02	08/Nov/2023 05:19 PM	7.4.32.18.28				

From that section of the Management Console, click on the Software button in the right corner of the Systems list to view software catalogs currently installed in the stack and the available catalog to be updated within the stack.

A catalog contains specific Array OS, ESXi, HPE Storage Connection Manager, and Service Pack for ProLiant versions. Individual versions inside the catalog are visible by hovering over the displayed catalog version number in the row of the stack you are looking into.

To begin the upgrade process, select the cluster you want to upgrade and click Run Precheck, or drill down into that system and select Run Precheck from the actions menu. Then, select the destination catalog version to which you want to upgrade the cluster stack.

Once the upgrade begins, it will run through an extensive set of pre-checks to ensure it is prepared and that the upgrade will not cause damage or data loss to the system.

Once complete, you will receive a notification, and the Software Main View will also update its appearance to reflect the changes.



#### Health Checks

Systems / rtp-grp-af203										Actions
apacity % CPU used	Virtue	alization Storage	HPE GreenLake for Backup and Recovery	y Protection 92 VMFS VMs		_	4 actores	身 <b>77</b> Virtual Mach	H 5	figrate un El sciencia (de Súffingere Updat of Invare Update un System Health Checks
C + X Mary Land		letwork					Q	7	Related 1 A	dd Mypervisor Chaiter
0 + % Mare Dae			Protection Policy	Hypervisor Cluster	Datastores	,	Q	8	General	Online
	~   ~~ ~   ~~		Protection Pulicy RTP-Cluster 3-LocalSnap-PSG- Cloud.	Hypervisor Cluster Allefra-dHCI-Clst-02	Datastores HPE-VV0L-260a619fe			8	General State VCenter	Onlaw     Inse     toue     vomme? / itslab.trimblestorage.     com
C + X Mayor Mane	~   ~~ ~   ~~	Power State	RTP-Cluster 1-LocalShap-PSG-	1.14 1. 10. 2010		6/b535\	rpe -	7	General State VCenter Hypervisio Clasters System Type	Cribre Inser Vomer 2.nslab.timblestorage. com Aldetra-dHCI-Clab-02 (Maximum livel + 8)
C + X Mune have	<ul> <li>A Status</li> </ul>	Power State	RTP-Cluster 1-LocalShap-PSG-	Alletra-dHCI-Clst-02	HPE-VVOL-266a419fe	6/b535 6/b535	nee VOL	8	General State VCenter Hypervision Clusters	Cribre Inser Vomer 2.nslab.timblestorage. com Aldetra-dHCI-Clab-02 (Maximum livel + 8)

Maintaining and confirming the health of the physical hardware is an imperative responsibility of every Systems Administrator. The Health Checks application provides time-saving automation that ensures applications and infrastructure are operating well and that the cloud environment adheres to best practices. To validate this, HPE GreenLake tasks the system with running checks against approximately 75 rules or configuration guidelines to ensure the infrastructure is operating at optimal health.

As a practical example, if there are path issues to a VM datastore, Health Checks will direct the administrator to the specific host across all clusters with that issue. In this instance, inside the HPE GreenLake portal, the most efficient way to run the necessary Health Checks on the Alletra dHCI Infrastructure stacks is to access the individual system's portal page via the left side menu and select Systems. Once there, choose the specific dHCI stack you want to run a health check on.





#### Integrations with Data Services Cloud Console Automation

Understanding how HPE GreenLake for Private Cloud Business Edition fits into the HPE Data Services architecture is essential. As shown in the diagram below, the Data Services Cloud Console (DSCC) has multiple layers. Starting at the bottom is the cloud-native data infrastructure layer. This is represented by the on-prem clusters running VMs like HPE Alletra dHCI clusters or HPE SimpliVity clusters, including cloud clusters running in one of the supported hyperscalers.

The middle layer is the Cloud infrastructure services, where Private Cloud Business Edition fits. It also includes services like Setup Service for automating cluster deployments across sites to save time and Data Ops Manager that can be used to configure block services like replication between clusters or analyzing performance to finding storage performance issues.

The top layer is Cloud data services, with examples including HPE GreenLake for Backup and Recovery.

More detailed view of the current and future Data Services Cloud Console deliverables

C	Backup & recovery	Disaster recovery	Copy data management	Dev & test	Security & compliance	Analytics	Data migration	Cloud data Services
Al-driven global intelligence	Data Ops manager	Block services	Setup service	Private Cloud Business Ed.	File services	Storage fabric manager	laaS APIs	Cloud infrastructure services
	Mission-critical	General-	purpose	Secondary	Big Data/Al	Edge	Cloud	Cloud-native data infrastructure
				As-a-se	rvice			

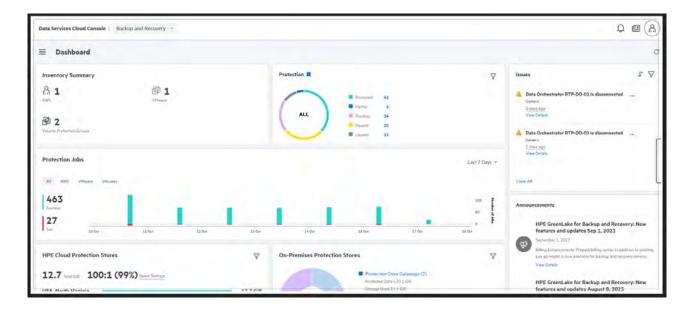
HPE Data Services Cloud Console (DSCC)



#### Backup and Recovery

Every systems engineer knows that backup and recovery are among the most critical administration areas. HPE understands this as well and dedicates an entire portal to the purpose.

The main dashboard provides insight into Inventory Summary, Protection counts and jobs, warnings and issues, and data consumption from backup in both the Cloud and On-Premise.





In the left side menu, you are given a wide array of options to manage the backups and policies for all systems managed within HPE GreenLake, including:

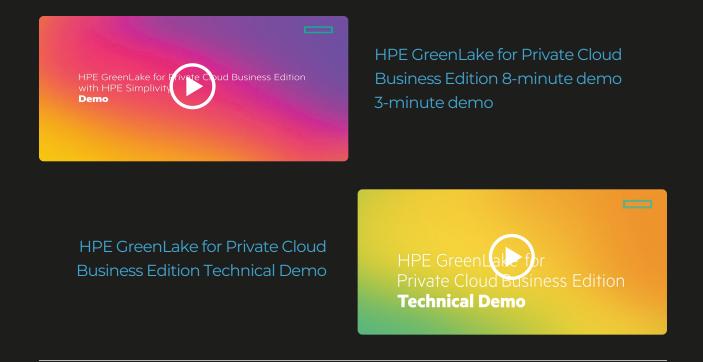
- Protection Policies
- Amazon Web Services
  - Elastic Block Store
  - EC2
  - EKS Clusters
  - Relational Database Service
- Microsoft SQL Servers
  - Databases
  - Instances
  - Protection Groups
  - Application Hosts
- VMware
  - Virtual Machines
  - Datastores
  - Protection Groups
  - vCenter Servers
- HPE Array Volumes
- Reports
- On-Premise Setup
  - Data Orchestrators
  - Protection Store Gateways
  - Protection Stores
  - StoreOnce



#### **Final Thoughts**

HPE GreenLake for Private Cloud Business Edition, building on HPE GreenLake Cloud Services offers enterprises a tailored hybrid cloud solution. Unlike mainstream providers, namely Amazon Web Services and Microsoft Azure, HPE GreenLake combines the agility of cloud consumption with the control of on-site infrastructure, emphasizing data locality for businesses concerned with compliance and security. It relies on cloud-native data infrastructure comprised of HPE Alletra dHCI for business-critical workloads or HPE SimpliVity for distributed edge sites. It seamlessly integrates with Amazon's EC2 and Microsoft Azure instances. Users benefit from streamlined setup, deployment, VM provisioning, comprehensive backup/recovery tools, and efficient system health checks, ensuring a robust and efficient cloud experience.

\* HPE GreenLake rolled out Public Cloud access to Azure Virtual Machines in December. This means you can now create and manage VMs in the Microsoft ecosystem in the same way you currently manage them with AWS EC2.



Learn more about HPE GreenLake for Private Cloud Business Edition >

#### Frank Morrison, AUTHOR,

Head perpetually in the clouds. After spending 14 years in the military, he dove straight into the deep end of IT Engineering. Since then, he has worked at banks, MSP's, and in various contractor teams. He is fascinated by the advancement of cloud technologies and is here to help guide you through the rapidly changing environments and all the latest players entering the field.





This report is sponsored by HPE. All views and opinions expressed in this report are based on our unbiased view of the product(s) under consideration.