



HPE GREENLAKE FOR PRIVATE CLOUD

OVERVIEW

HPE GreenLake for private cloud

HPE GreenLake for private cloud is delivered as a consumption-based service, allowing for Customers to pay for what they use, subject to a minimum monthly reservation fee. HPE bills the Customer monthly for their usage, based on metered data so that charges are aligned with their usage, as more specifically detailed in section 2 of the HPE GreenLake for private cloud SOW (“SOW”) to which this data sheet is incorporated. This can help reduce the risk of investing too much or too little in IT infrastructure, as well as help ease the Customer’s acquisition process for infrastructure on their own premises. In combination with the SOW, this data sheet describes the services features provided under HPE GreenLake for private cloud. Any defined terms used in this data sheet will have the meaning ascribed to them as set forth in the SOW.

HIGH-LEVEL SERVICE DESCRIPTION

HPE GreenLake for private cloud Services consists of the following service features as more fully described in the SOW and the relevant data sheets incorporated and referenced therein:

- Provision of HPE GreenLake for private cloud systems
- Installation of the Systems
- Access to HPE GreenLake Central
- Reactive and Proactive Support Services for the Systems: Please refer to the [HPE Foundation Care data sheet](#) and specifically Table 1 “Core Features” of the [HPE Datacenter Care data sheet](#)
- HPE GreenLake Management Services—please refer to [GMS data sheet](#)

SERVICE FEATURE SPECIFICATIONS

In addition to the service features described in the SOW, HPE will provide the following:

Service technical configuration and capacity	HPE will provide the Systems as set forth in the SOW with such Systems comprised of an HPE designed and factory built system consisting of an HPE Synergy integrated system. The System will consist of 7,833 GB of RAM and 160,000 GB of storage. Based on a standard virtual machine (VM) sizing of 4/ vCPU, 16 GB RAM and 175 GB storage, the System can be configured by Customer to run up to approximately 500 virtual machines. However, the Customer can configure the size of the VM by individual resources (vCPU, RAM, Storage) independently. Therefore, the System can run up to 4,000 small—250 large VMs depending on the Customer’s VM configuration. HPE meters on RAM and Storage as further detailed below. For further information, see section 2 of the HPE GreenLake for private cloud SOW and “Consumption Billing” section below.
VMaaS management	HPE will provide access to the on-premises orchestration dashboard through the internet accessible HPE GreenLake Central. The Customer must provide and keep this internet connection to HPE GreenLake Central operational at all times.
VMware® software license agreement	As set forth in the SOW under Section T.4.1 (“Right to Use”), Customer’s use of any software included with the Systems is governed by the applicable license terms for such software. Accordingly, Customer’s use of the VMware software included with the Systems is governed by the VMware End-User License Agreement (“EULA”). As part of the installation services provided pursuant to the SOW, HPE will install the VMware software and Customer agrees to allow HPE to accept the terms of the VMware EULA, (collectively, the “Shrink-Wrap Terms”) on behalf of Customer, which may be in electronic format, embedded in the software, or contained within the software documentation. Customer acknowledges the Shrink-Wrap Terms govern Customer’s use of the VMware software and Customer is responsible for reviewing such Shrink-Wrap Terms and hereby authorizes HPE to accept all Shrink-Wrap Terms on its behalf. The following link is to the VMware EULA is for the Customer’s reference: vmware.com/download/eula.html . For VMware software, the Customer will receive the VMware software activation codes from VMware directly and will work with HPE upon receipt of the codes as part of the installation process. Customer must notify HPE upon receipt of the codes in a timely manner and work with HPE as part of the installation process.

Consumption billing

As set forth in the SOW under Section T.1.4 ("Metering Tools"), HPE will provide metering tools to measure the Systems' usage. These HPE-owned tools will query the services on a periodic basis to determine the capacity used by the Customer. HPE will use these measurements as the basis for creating a monthly charge report of the Customer's consumption in both Compute Units and GBs as more fully described below.

As set forth in SOW under Section 2 (c) "Capacity," the Reserved Capacity is 80% of the System capacity, while the Customer can use up to 100% of the Installed Capacity on demand. The usage over 80% ("Reserved Capacity") is calculated as follows:

- HPE meters each System on the following Units of Measure (UoM): i) Compute Unit which is measured in GB of RAM, and ii) GB (written of storage). Compute Unit (CU) is 1 GB of physical RAM. Storage is 1 GB (written).
- HPE meters each of the above individual UoM of these physical resources in a 1:1 relationship of virtual resources to physical resources. vCPU is not a UoM and is not metered or counted towards the monthly charges. Customers can use vCPU as they see fit and oversubscribe vCPU to physical CPU up to a maximum of 3:1 (virtual: physical). Customers must take into account physical resources when configuring their virtual machines.
- HPE calculates the price of each individual UoM per System based on the number of seconds it was running for the day. The maximum number of seconds is 86,400 for a full day. (60 seconds * 60 minutes * 24 hours = 86,400 seconds).
- HPE then multiplies the number of seconds by the number of GBs of memory for RAM (Compute Unit) and storage (written) respectively. For example, if 2 GB of memory ran for 6 hours, we would have 2 Compute Units (CU) * (6 hours * 60 minutes * 60 seconds) = 43,000 Compute Unit (CU) seconds. The "Monthly Charges" report sums these two Units of Measure (UoM). As noted above, HPE does not meter on the vCPU and does not charge for this resource, however a custom report can be created to show all resources (vCPU, RAM, Storage) and number of VMs deployed.
- HPE then sums all the UoMs for the day and converts to Compute Unit (CU) and GB written.
- HPE then finally sums all the daily values and divides by the number of days in the month. In this example (for CU calculation) if the Customer runs their CU for the same amount of time each day in a month the Customer would have 0.5 (of a day) * 15 (days) / 31 (Days) = 0.242 CU. This would then reflect the actual usage for CU which will be used determine the applicable price per Unit as reflected in Table 1 of the SOW. This calculation is used for the monthly charges report as noted in the SOW. This calculation is used for both CU and GB written.

Ordering and pricing

The price of these Services is as set forth in the SOW to which this data sheet is incorporated. Service ordering and invoicing is also according to the terms defined within the Ordering and Pricing section of the SOW.

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HPE support



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