

# HPE GreenLake Essentials

## H61R4S

<b>Course ID</b>	H61R4S
<b>Duration</b>	1 day
<b>Format</b>	ILT/vILT
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This course provides an overview of HPE GreenLake. It covers the HPE GreenLake value proposition, its structure, selected HPE GreenLake services, and offers an overview of the HPE GreenLake edge-to-cloud platform .

The course is part of the curriculum that leads to HPE ATP – HPE GreenLake Administrator Foundations certification.

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### Audience

This course is ideal for users and administrators of HPE GreenLake as well as anyone with an interest in HPE GreenLake.

### Prerequisites

No prior knowledge or experience with HPE GreenLake is expected, but familiarity with the concepts of cloud and “as a service” would be helpful. We also recommend that you complete HPE Cloud Computing Foundation prior to taking this course.

### Course objectives

After completing this course, you should be able to:

- Define “hybrid cloud”
- Articulate the advantages of HPE GreenLake vs. IT infrastructure ownership and , public cloud
- Describe the HPE GreenLake delivery models Flex Solutions and Cloud Services
- Explain the terms “reserved capacity” and “requested capacity”
- List the HPE GreenLake SaaS applications for managing IT infrastructure
- Define the term “workspace”

- List services that are built into the HPE GreenLake Edge-to-Cloud Platform
- Describe how Flex Solutions and Private Cloud Enterprise costs can be controlled
- Name three services that can be launched from the Data Services Cloud Console
- Describe the services in HPE GreenLake for Private Cloud Enterprise
- Explain “managed by you” and “managed for you”
- Describe the storage infrastructure used in new Block Storage and File Storage installations
- Explain why HPE GreenLake for File Storage is suitable for AI and machine learning
- Describe backup targets in HPE GreenLake for Backup and Recovery
- Compare HPE GreenLake for Private Cloud Enterprise to HPE GreenLake for Private Cloud Business
- Explain the purpose of the Wellness service in HPE GreenLake Platform

### Certifications and related exams

This course prepares you for the HPE ATP – HPE GreenLake Administrator Foundations certification.

## Detailed course outline

<b>Module 1: HPE GreenLake Overview</b>	<ul style="list-style-type: none"> <li>• Hybrid cloud</li> <li>• How to consume HPE infrastructure</li> <li>• HPE GreenLake portfolio overview</li> </ul>	<ul style="list-style-type: none"> <li>• Flex solutions</li> <li>• Managing HPE infrastructure with HPE GreenLake</li> </ul>
<b>Module 2: The HPE GreenLake Edge-to-Cloud Platform</b>	<ul style="list-style-type: none"> <li>• HPE GreenLake Platform concepts</li> <li>• Accessing HPE GreenLake Platform</li> </ul>	<ul style="list-style-type: none"> <li>• Managing a workspace: IAM, devices, subscriptions, and services</li> </ul>
<b>Module 3: HPE GreenLake Compute Infrastructure</b>	<ul style="list-style-type: none"> <li>• Typical hardware options for HPE GreenLake Compute</li> <li>• Managing compute infrastructure with Compute Ops Management</li> </ul>	<ul style="list-style-type: none"> <li>• Compute Ops Management, OneView Edition</li> </ul>
<b>Module 4: HPE GreenLake Storage Infrastructure</b>	<ul style="list-style-type: none"> <li>• Typical hardware options for HPE GreenLake storage</li> <li>• Data Services Manager</li> </ul>	<ul style="list-style-type: none"> <li>• Managing storage infrastructure with Data Ops Manager</li> </ul>
<b>Module 5: Networking</b>	<ul style="list-style-type: none"> <li>• HPE Aruba Networking edge services platform</li> <li>• HPE GreenLake for Networking</li> </ul>	<ul style="list-style-type: none"> <li>• Network management with HPE Aruba Networking Central</li> </ul>
<b>Module 6: Data Services</b>	<ul style="list-style-type: none"> <li>• HPE GreenLake for Block Storage <ul style="list-style-type: none"> <li>– Block Storage “managed by you” and “managed for you”</li> <li>– Block Storage infrastructure</li> <li>– Intent-based provisioning</li> <li>– Block Storage look and feel</li> </ul> </li> <li>• HPE GreenLake for File Storage <ul style="list-style-type: none"> <li>– File Storage overview</li> <li>– File Storage data reduction</li> <li>– File Storage look and feel</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• HPE GreenLake for Backup and Recovery <ul style="list-style-type: none"> <li>– Overview and architecture</li> <li>– Protection groups</li> <li>– Backup and Recovery look and feel</li> </ul> </li> </ul>
<b>Module 7: OpsRamp</b>	<ul style="list-style-type: none"> <li>• Overview</li> </ul>	<ul style="list-style-type: none"> <li>• Hybrid observability</li> </ul>
<b>Module 8: Private Cloud Enterprise</b>	<ul style="list-style-type: none"> <li>• Overview: Structure, customer relationship management, infrastructure, and consumption</li> <li>• Access the HPE GreenLake for Private Cloud Enterprise service</li> <li>• Bare-metal-as-a-Service overview and concepts</li> <li>• Bare-metal-as-a-Service look and feel</li> </ul>	<ul style="list-style-type: none"> <li>• Virtual Machines-as-a-Service feature overview</li> <li>• Virtual Machines-as-a-Service concepts and look and feel</li> <li>• Containers overview: Features, concepts, and infrastructure</li> <li>• Containers: Cluster creation and scaling</li> </ul>
<b>Module 9: Consumption Analytics</b>	<ul style="list-style-type: none"> <li>• Overview</li> <li>• Access to the service</li> </ul>	<ul style="list-style-type: none"> <li>• Features and concepts</li> </ul>
<b>Module 10: HPE GreenLake for Private Cloud Business Edition</b>	<ul style="list-style-type: none"> <li>• Overview: Features, concepts, architecture, and infrastructure</li> </ul>	<ul style="list-style-type: none"> <li>• HPE GreenLake for Private Cloud Business Edition look and feel</li> </ul>

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<b>Module 11: Sustainability Insight Center</b>	<ul style="list-style-type: none"><li>• Overview</li></ul>	<ul style="list-style-type: none"><li>• Look and feel</li></ul>
<b>Module 12: Wellness Dashboard</b>	<ul style="list-style-type: none"><li>• What problem does it solve?</li></ul>	<ul style="list-style-type: none"><li>• Look and feel</li></ul>
<b>Module 13: Automation</b>	<ul style="list-style-type: none"><li>• APIs</li></ul>	<ul style="list-style-type: none"><li>• Infrastructure as code</li></ul>

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