Hewlett Packard Enterprise

HPE Digital Learner for HPE Edge-to-Cloud Content Pack

HPE Content Pack number	CP089
Content Pack length	40 Hours
Content Pack category	Category 1
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Why HPE Education Services?

- Comprehensive worldwide HPE technical, IT industry and personal development training

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This content pack teaches you how to describe and differentiate HPE Edge-to-Cloud and HPE GreenLake solutions based on HPE technologies and industry standards. Hands-on activities guide you through design exercises using information gathering and analysis skills related to customer business and technical requirements. You learn to recommend and position HPE GreenLake, compute, storage, network solutions, tools, and appropriate services for customer use cases and workloads.

This content pack contains HPE Edge-to-Cloud Solutions eLearning, Rev. 22.41 (0001197139). With this self-paced eLearning course, you have options normally unavailable with an instructor-led course. You enjoy access to the training as part of your HPE Digital Learner subscription service so that you may repeat sections for reinforcement. Take this training at your own pace and on your own schedule.

Audience

Ideal candidates for this content pack are those who need to learn how to describe, position, recommend, and demonstrate HPE Edge-to-Cloud technologies to meet customers' technical and business requirements. Typical candidates for this course include:

• Consultants

• Field egineers

• Systems egineers

• Solutions integrators

Content Pack objectives

After you successfully complete this course, you should be able to:

The main objectives are as follows:

• Describe, differentiate, and apply IT industry trends, standard architectures, technologies, and cloud delivery models

• Gather and analyze customer business and technical requirements

• Recommend and position HPE offerings (solutions, products, and services) for customer use cases

• Understand HPE value differentiation/ distinction in the marketplace, positioning, and upsell/cross sell opportunities

• Architect and design an HPE solution based on customer needs

• Qualify, architect, plan, and design for HPE GreenLake Private Cloud offering (Cloud Services side)

• Qualify, architect, plan, and design the traditional of a solution

• Present and demonstrate the solution to the customer and coordinate implementation planning

Detailed Content Pack outline

HPE Value Proposition	• Current workloads and their characteristics • HPE portfolio positioning • Types of solutions and their use cases • Business continuity requirements and solutions	• Available resources including tools used for sizing • HPE InfoSight • HPE GreenLake solutions
Planning and Designing Compute Elements of an HPE Solution	• HPE Synergy platform • Architecture and HPE Virtual Connect technology	• HPE EdgeLine portfolio • HPE Moonshot portfolio
Planning and Designing Networking Elements of an HPE Solution	• Aruba CX switches • LAN networking • Virtual switching extension • Data center bridging protocols • Aruba NetEdit	• Management options • Protocols (FC/iSCSI/NVMe-oF/RoCE) • SAN topologies
Planning and Designing Storage Elements of an HPE Solution	• HPE Alletra 6000 and HPE Alletra 9000 • HPE SimpliVity • HPE GreenLake for Storage	• HPE Alletra 6000, HPE Alletra 9000 and HPE SimpliVity
Planning and Designing a Software-Defined Storage Solution	• Scality, Cohesity, Qumulo • HPE Ezmeral Data Fabric	• HPE hardware platforms • Sizing a solution
Planning and Designing a Containers Solution	• Containers concept and their advantages • Kubernetes • CSI driver concept	• CSI-supported HPE solutions • Container protection solutions

Planning and Designing a Data Protection Solution	• Snapshot and replication	• Backup types (full, incremental (forward and reverse), synthetic)
	• Data protection concepts (theory, terminology such as 3-2-1, RPO, RTO, BC, DR, etc.)	• HPE StoreOnce, HPE StoreEver
	• Backup topology	• Compression and deduplication
	• Ransomware	
Integrating Data Protection Software and Services	• Catalyst integrations	• Zerto architecture
	• Veeam integrations with HPE hardware products	• HPE GreenLake data protection offerings
	• Short term protection products and technologies (snapshot integration): HPE Alletra	• HPE Data Services Cloud Console protection policies
	• Long term protection products and technologies (backup repository platforms): HPE StoreOnce, HPE Apollo 4000	• HPE Backup and Recovery Service

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