Designing HPE Aruba Networking Data Center Solutions

Category: Networking & Security | **Vendor:** HPE Aruba Networking

Duration: 24.00 hours (3 days) **19.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

This course provides aspiring professional-level architects with the skills needed to design an HPE Aruba Networking Data Center switching solution and support the implementation team in executing the design.

Architects are IT professionals proficient in interpreting technical requirements to create secure, scalable, resilient, and high-performing infrastructures aligned with validated solution guides and business needs. They analyze complex requirements to design optimal solutions, demonstrate how these solutions meet both technical and business goals, and defend the proposed solutions.

Architects possess extensive technical knowledge of HPE Aruba products and solutions, including migration and deployment strategies for existing architectures. They understand the impact of third-party hardware and software interoperability on solution design and can articulate the business value of HPE Aruba Networking solutions to various stakeholders. With experience in building solutions and optimizing workloads, architects play a key role in designing and implementing infrastructure tailored to organizational objectives.

About This Course

Gathering Information for the Data Center Network Design

- Identify stakeholders and sponsors
- Understand the objectives
- Identify initial environment
- Collect information

Designing the Solution at High-level

- Create preliminary solution
- Select the correct products
- Determine network segments and protocols for the design
- Design security for the network
- Validate that the design meets the original requirements

Architect a Two-Tier Solution

Propose and Implement a Two-Tier Solution

Design an L3 Spine and Leaf Topology

Design a Data Center Network for Virtualized Overlay

Design EVPN VXLAN

Designing Micro-Segmentation

Designing Lossless Networks

Who Should Attend

The ideal candidate for this certification is a senior technical professional. Examples of appropriate experience may include: principal engineer, network consultant, presales consultant, solutions architect, networking SME, network security architect, or technical member from architecture teams.

Prerequisites & Entry Requirements

General Prerequisites:

It is strongly recommended that the candidate already:

- HPE Aruba Networking Professional - Switchin
- Or Has taken Implementing AOS-CX Switching (ICXS) or
- Or Has experience deploying HPE Aruba Networking solutions in an enterprise environment.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

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

- Interpret technical requirements
- Articulate the business value to multiple stakeholders
- Proficient in designing solutions that are secure, redundant, scalable and resilient
- Use your knowledge of the appropriate validated solution guide to meet the customer's business needs

Detailed Course Outline

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Skills You Will Learn:

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Frequently Asked Questions

Q: What delivery options are available for Designing HPE Aruba Networking Data Center Solutions?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 3-day Designing HPE Aruba Networking Data Center Solutions course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Designing HPE Aruba Networking Data Center Solutions training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Designing HPE Aruba Networking Data Center Solutions?

Yes, we provide corporate training, dedicated training, and closed classes for Designing HPE Aruba Networking Data Center Solutions. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Designing HPE Aruba Networking Data Center Solutions, Aruba Design & Architect, DADCS

Q: Why choose Nexus Human for Designing HPE Aruba Networking Data Center Solutions?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Designing HPE Aruba Networking Data Center Solutions training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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