

Intermédiaire

Langues du cours

Français

Langues du support

English

Instructeur

Certifié

Certifications liées

[Aruba Certified Switching Professional \(ACSP\) V1](#)

[Aruba Certified Switching Professional \(ACSP\) V1- upgrade from HP ASE - FlexNetwork Architect V2 or HP ASE - FlexNetwork Integrator V1](#)

[Aruba Certified Switching Professional \(ACSP\) V1- upgrade from Cisco, Juniper or Brocade](#)

Éléments inclus dans les examens des certifications

[HPE6-A46: Delta - Implementing Aruba Campus Switching Solutions](#)

[HPE6-A45: Implementing Aruba Campus Switching Solutions](#)

Divers

Salle équipée

Déjeuner inclus

Contenu

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Describe market trends that are leading companies to implement a digital workplace

Describe how the Mobile First Network from Aruba, a Hewlett Packard Enterprise company, delivers the

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Deploy ArubaOS products in single-area and multi-area OSPF systems

Use area definitions and summaries to create efficient and scalable multiple area designs

Advertise routes to external networks in a variety of OSPF environments

Promote fast, effective convergence during a variety of failover situations

Use virtual links as required to establish non-direct connections to the backbone

Implement OSPF authentication

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Ensure redundancy for a network's default gateway by configuring VRRP on Aruba switches

Establish load-balancing of active routing in several different ways

Use best practices for implementing VRRP with MSTP

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Implement 802.1X on ArubaOS switch ports

Integrate ArubaOS switches with an Aruba ClearPass solution, which might apply dynamic VLAN assignment

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Set up RADIUS authentication and authorization for managers

Describe the differences between SNMPv2c and v3 and configure SNMPv3 settings on ArubaOS switches

Explain how technologies such as RMON, sFlow, and traffic mirroring allow you to monitor network traffic

Explain best practices for managing configurations and monitoring network traffic using a solution such as Aruba ClearPass

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Configure captive portal authentication on ArubaOS switches to integrate them with an Aruba ClearPass solution

Implement Web Authentication (Web-Auth) on Aruba switch ports

Combine multiple forms of authentication on a switch port that supports one or more simultaneous users

Use the Unauthenticated VLAN on ArubaOS switches to provide guest access

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Compare RPVST+ with RSTP and MSTP

Implement spanning tree protocol and loop protections

Describe how Unidirectional Link Detection (UDLD) and Device Link Detection Protocol (DLDP) detect

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Describe the three topologies supported with backplane stacking and the roles members play in the s

Explain how backplane stacking handles stack fragments

Implement and manage an VSF fabric

Describe what a split VSF stack is and configure the mechanisms designed to detect and remedy this

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Use Internet Group Management Protocol (IGMP) to optimize forwarding of multicasts within VLANs

Describe the differences between IGMP and IGMP snooping

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Distinguish between PIM-DM and PIM-SM

Implement PIM-DM to route multicast traffic

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Establish and monitor BGP sessions between your routers and ISP routers

Advertise an IP block to multiple ISP routers

Configure a BGP router to advertise a default route in OSPF

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Configure tunneled-node on ArubaOS switches

Describe when and how to configure PAPI enhanced security, high availability, and fallback switching f

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Define ACLs and identify the criteria by which ACLs select traffic

Configure ACLs on ArubaOS switches to select given traffic

Apply static ACLs to interfaces to meet the needs of a particular scenario

Examine an ACL configuration and determine the action taken on specific packets

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Implement RADIUS-based MAC Authentication (MAC-Auth) on ArubaOS switch ports

Implement local MAC Authentication (LMA) on ArubaOS switch ports

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Describe how ArubaOS switches prioritize traffic based on its queue

Configure ArubaOS switches to honor the appropriate QoS marks applied by other devices

Configure ArubaOS switches to select traffic, apply the appropriate QoS marking, and place the traffic

Implement rate limiting

Configure a voice VLAN and LLDP-MED

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Implement DHCP snooping and ARP protection to defend networks against DHCP exploits, ARP snooping

Implement the proper port security measures for various use cases

Explain how MAC lockdown differs from port security and use the proper solution for each use case

Implement connection rate filtering to provide a first layer of protection against viruses and worms

Objectifs

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Télécharger la fiche de cette formation : [Implementing Aruba Campus Switching Solutions.pdf](#)

Merci de nous contacter pour plus d'informations : training@infodium-dz.com