Advanced Management of Aruba Cloud-based Networks with Central

Course description

This 2-day course teaches students how Aruba Central services can improve network visibility, security, and automation. Students will learn how Client Insights gives the network administrator deep knowledge about the devices connected to the network and how they behave. Through the integration of Cloud Auth and cloud identity stores, such as Azure AD and Google Workspace, Aruba Central can provide user and client access policy on any managed network with no extra hardware or on-prem authentication server. Students will also learn more about the Aruba Central API options and capabilities.

Course ID	0001201212
Course format, Typical duration	**Select one:**WBT – Web Based, Self Paced, 2 days ILT – Instructor Led, 2 days VILT – Virtual Instructor Led, 2 days
Skill level	Advanced (ADV)
Delivery languages	English
Lab required	No

Register for this course.
Find this course offering in the Training Calendar. Click "Register" to take the course in The Learning Center. Login and Password required.

Ideal candidate for this course

Ideal candidates are networking IT professionals or technical marketing professionals looking to expand their knowledge and skill set on the Aruba Central platform.

Suggested prerequisites

The suggested prerequisites for this course are to attend the Managing Aruba Cloud-Based Networks with Central course or pass the Aruba Product Specialist – Central assessment exam.

Topics

- **Client Insight**
  - Purpose of Client Insight
  - Analyse and Identify type of data from various devices
  - Profile client device
  - Lab
    - Identify and determine types of devices and appropriate role to be assigned

  - Troubleshooting in Client Insight

- **Cloud Auth**
  - Purpose of Cloud Auth
  - Labs
    - Control network access of profiled devices
    - Integrate with Azure
    - Integrate with Google Workspace
    - Create network access policies
    - Authenticate source using Azure and Workspace

  - Troubleshooting
    - Auth failure
    - Integration failure
    - Wrong policy assigned

- **Advanced API**
  - Use Cases- understanding the benefits of API (generic)
  - Leveraging APIs for Central Configuration & Auth records
  - REST API
    - Explain and how it interfaces with Aruba Central
    - Token Management

- REST API Use Cases
- Lab- Interface REST API with Central
- Troubleshooting REST API

- Streaming API
  - Explain Streaming API and how it interfaces with Aruba Central
  - Describe advantages to Streaming API
  - Explain how Steaming API differentiates from other APIs
  - Streaming API Use Cases
  - Troubleshooting Streaming API

- Webhooks
  - Explain purpose of Webhooks
  - Review the UI in Central and how it integrates with Webhooks
  - Web Hooks Use Cases
  - Labs
    - Create and update Webhooks through UI
    - Refresh Webhooks token
    - Get or update Webhooks settings
    - Configure Webhooks alerts and notifications
    - Use Tool to test webhooks eg: Webhook.site, and generate an alert to see JSON message

  - Troubleshooting Webhooks

- **Certificates management with Aruba Central**
  - Explain certificates and certificate processes and PKI as they relate to Central
  - Comparison chart on the types of Certificates and use
    - Server Certificate

  - Labs
    - Upload new certificates
    - Deploy certificates for APs, Gateways and Switches
    - Troubleshooting certificate management

- **AOS-S Switch Configuration**
  - AOS-S group configuration
  - UI group
  - Template group
  - Monitoring

- **AOS-CX Switch Configuration**
  - AOS-CX group configuration
  - AOS-CX group configuration

- **Central Support/Resources**
  - Central On-Line Help
  - Communities
  - Resources
  - Recommended Network Automation Course

Objectives

After you successfully complete this course, expect to be able to:
- Identify and profile client devices using Client Insight
- Utilize Cloud Auth for User and Client Access Policies
- Explain the types and difference of API's and how to leverage with Aruba Central
- Upload and deploy certificates for APs, Gateways, and Switches

How to register

Click on this link to register for this course: https://certification-learning.hpe.com/tr/TrainingCalendar?
excludePartners=false&CourseId=0001201212

Policies, fees and cancellations

Course fees may vary. Fees are established and collected by the training center that delivers the course. Cancellation fees may apply. Contact your HPE Authorized Training Partner for their respective policies.

For more information
Contact our program

Information is as of August 2023, Revision 2