

# Implementing Aruba Network Security



**Learn without Leaving Home..!**

**ZETLAN TECHNOLOGIES**  
**[www.zetlantech.com](http://www.zetlantech.com)**

# Online Course

# Implementing Aruba Network Security

## Course Modules



### **1.Aruba Security Strategy & ClearPass Fundamentals**

- o Explain Aruba Zero Trust Security
- o Explain how Aruba solutions apply to different security vectors

### **2.Deploy Trusted Certificates to Aruba Solutions**

- o Describe PKI dependencies
- o Set up appropriate certificates & trusted root CAs on CPPM

### **3.Implement Certificate-Based 802.1x**

- o Deploy AAA for WLANs with ClearPass Policy Manager (CPPM)
- o Deploy certificate-based authentication for users and devices

### **4.Advanced Policies on the Role-Based ArubaOS Firewall**

- o Deploy AAA for WLANs with ClearPass Policy Manager (CPPM)
- o Define and apply advanced firewall policies

### **5.Evaluate Endpoint Posture**

- o Evaluate different endpoint postures



# Implementing Aruba Network Security

## 6. Implement a Trusted Network Infrastructure

- o Set up secure authentication and authorization of network infrastructure
- ☒ Advanced TACACS+ authorization
- ☒ Multi-factor authentication
- o Secure L2 and L3 protocols, as well as other protocols such as SFTP

## 7. Implement 802.1X and Role-Based Access Control on AOS-CX

- o Deploy AAA for wired devices using ClearPass Policy Manager
- o Explain Dynamic Segmentation, including its benefits and use cases
- o Deploy Dynamic Segmentation using VLAN steering
- o Configure 802.1X authentication for APs

## 10. Implement Dynamic Segmentation on AOS-CX Switches

- o Explain Dynamic Segmentation, including its benefits & use cases
- o Deploy Dynamic Segmentation, including:
  - ☒ User-based tunneling (UBT)
  - ☒ Virtual network-based tunneling (VNBT)

The Aruba logo, consisting of the word "aruba" in a lowercase, rounded, orange font.

**ZETLAN TECHNOLOGIES**

# Implementing Aruba Network Security

For Enquiry: +91 8680961847

## 9. Monitor with Network Analytics Engine (NAE)

- o Deploy and use Network Analytics
- o Engine (NAE) agents for monitoring

## 10. Implement WIDS/WIPS

- o Explain the Aruba WIPS and WIDS technology
- o Configure AP rogue detection and mitigation

## 11. Use CPPM and Third-Party Integration to Mitigate Threats

- o Describe log types and levels & use the CPPM Ingress Event Engine
- o Set up integration between the Aruba infrastructure & CPPM, allowing



Free Advice: +91 9600579474

[www.zetlantech.com](http://www.zetlantech.com)



**LEARN  
REMOTELY!!**

**The efficiency of online learning  
in terms of time management,  
flexibility, and the ability  
to access resources anytime,  
anywhere can be compelling.**



**ZETLAN TECHNOLOGIES**  
**[www.zetlantech.com](http://www.zetlantech.com)**

**For contact: +91 8680961847  
+91 9600579474**

