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# Lab Overview

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### **Data Center Networking - Microsegmentation with AFC & CX 10K**

Technical Enablement Hands-On Lab Guide

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# Technical Enablement Hands-On Lab Guide

This Lab Guide will walk you through the various parts of this Hands On Lab session. During this deep dive session, you will:

- Use Aruba Fabric Composer to orchestrate the network fabric and the stateful policies
- Integrate the AMD Pensando Policy and Services Manager as the intermediary between the CX 10000 switches and Fabric Composer for policy deployment and orchestration
- Deploy microsegmentation as part of a distributed services architecture based on the CX 10000 Switch integrated stateful firewall preventing the east-west traffic associated with security threats
- Leverage the CX 10000 telemetry to gain full visibility into every flow on the network

## Objective

This Hands-On Lab is composed of the following activities:

1. Import the CX 10000 switches, and assign them to a new fabric
2. Create a VSX cluster using both CX 10000 switches
3. Integrate VMware vSphere and AMD Pensando Policy and Services Manager
4. Deploy micro segmentation to apply and enforce a traffic policy between two VMs (Workloads)
5. Test the policy applied between the Workloads