



# Network Solution Design in Practice: Hands on with Omada

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**Omada**  
by tp-link

**Bondwell**  
*Let's talk about Possibilities...*

# Training Certification



## Omada Certifications

*Praneel Prasad*

Has successfully completed the Omada Certification requirements and is authorized as a

**Omada Certified Network Administrator (OCNA)**  
**Routing & Switching**



Validate this certificate's authenticity at  
<https://training.tp-link.com/>  
TP-Link Verification NO. EB0F442E968B4C9E

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Pingji Li  
President  
TP-Link Systems Inc.

# Scan and Register for Omada Training

Free for first 20 participants



# What is Omada

- Quick overview of SDN (Software Defined Networking)
- Omada ecosystem: Router, Switch, AP, Controller, Vigi
- Benefits: Centralized management, scalability, security
- Cloud + On-Prem management flexibility



# A Quick Look at Omada



How to Set up Omada Cloud Essentials with Omada App



# Hardware Walkthrough



# Hardware Walkthrough



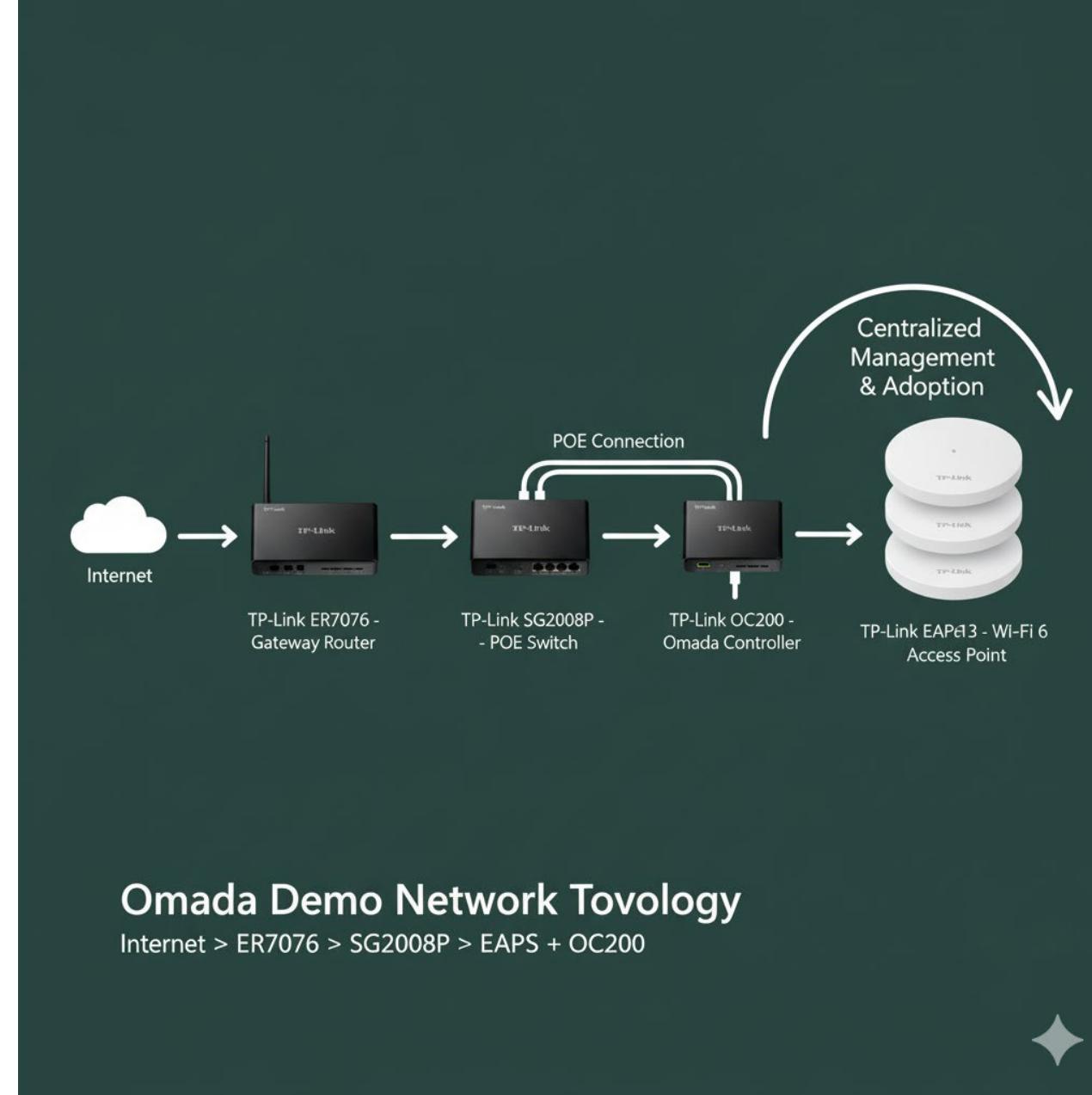
## TP-Link EAP613 – Wi-Fi 6 Access Point (fast wireless)



## TP-Link OC200 – Omada Controller (central management)

# Set Up

- Internet → ER7026 → SG2008P → EAPs + OC200
- Connect APs with PoE
- Adopt devices into Omada Controller
- Simple demo-ready environment



# Controller Demo

- Device adoption & monitoring
- Create SSIDs (Corporate & Guest Wi-Fi)
- VLAN tagging for network isolation
- Bandwidth control & QoS
- Basic firewall policy (block guest to LAN)
- Omada Mobile App demo

# Hands On Activity

- Connect to Guest Wi-Fi (test isolation)
- Connect to Corporate Wi-Fi (LAN access)
- Fast roaming between APs
- Test 2.4 GHz vs 5 GHz speeds
- Monitor real-time traffic in Omada Controller

# Advanced Features

- Centralized & Cloud Management hosted on AWS
- Captive portal (custom login page)
- VPN setup
- Controller backup & failover (dual OC200)
- Multi-Site Cloud Management
- Easy Network Monitoring:



# Vinaka

By Choosing Omada you won't be happy  
But Paaa- Laaa- Wood

# Bondwell

*Let's talk about Possibilities...*