

Deploying Vocera on Aruba WLAN

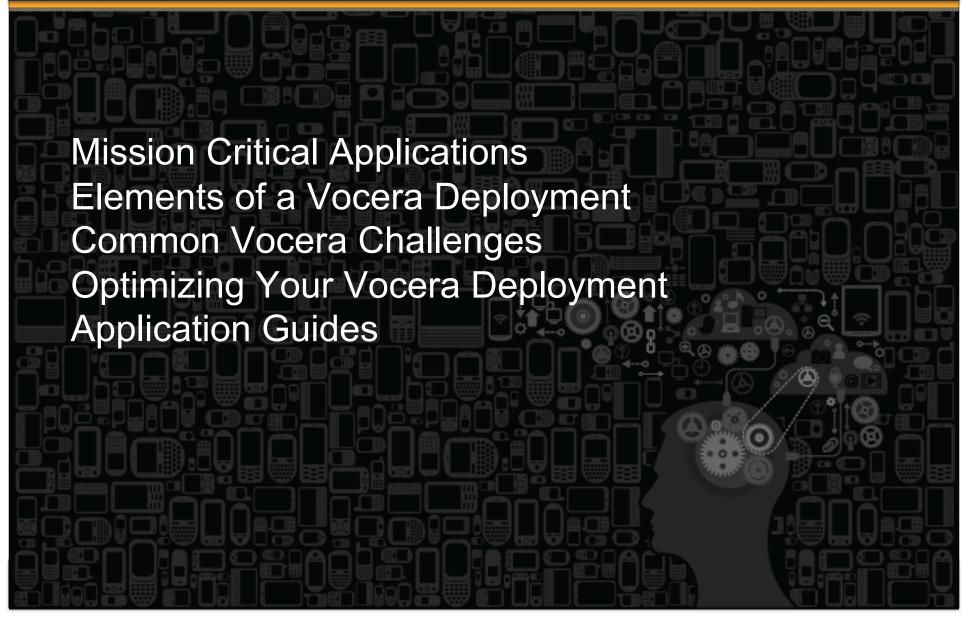
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Agenda





Mission Critical Applications



- Electronic Patient Records
- Telemetry (Welch Allyn)
- Voice communication (voice and text)

Elements of a Vocera Deployment



- Badges: B1000, B2000 and B3000
- Encryption: Static WEP >>> WPA2-PSK >>> WPA2-AES
- Roaming: Dot1x, DHCP and RADIUS
- ArubaOS Levels: 2.5, 3.3.2.x, 5.0.4.x and 6.1.3.x
- AP Type: Legacy APs and 11n APs
- RF Environment and number of clients on WLAN
- Voice and WMM

Common Vocera Challenges



- Half-duplex conversations
- Voice quality
- Push-to-talk
- Searching for Server
- Searching for AP

Optimizing Your Vocera Deployment



- Manager the RF environment for voice
- Optimize client roaming
- Managing management traffic
- Suppressing BC/MC traffic
- Managing airtime
- QOS

Applications Guides



Match the Aruba profiles with Vocera badge property elements

Vocera Deployment Guide

http://www.vocera.com/products/documents/ InfrastructureGuide.pdf

Optimizing Roaming on Aruba WLAN

http://www.arubanetworks.com/wp-content/uploads/ DG_Roaming.pdf



Q&A





