

Deploying Vocera on Aruba WLAN

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Agenda



Mission Critical Applications
Elements of a Vocera Deployment
Common Vocera Challenges
Optimizing Your Vocera Deployment
Application Guides

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**

- 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



Thank You