5:48 PM

Increase service in large office

· Separate channels by 20 MHz

channels have 5 mHz spacing but wifi requires 20

· WPA3 w/ enterprise see requirer all users to auth w/ cred/

· Place WAP in red areas of heat map because signal strong

Authentication Protocols

· EAP

pairwise master key PMR

Protected EAP PEAP

cert on server Microsoft challenge handshake Artuentication certificate MS-CHEP UZ 01 Generic token Card GTC · EAP-FAST secure tonneling CISCO secure version of LEAP justead of cert for tennel, uses Protected Access credential PAC - made for each user from master key FAP-TUS cert on both

· EAP-TTUS

· EAP-(10)

like peop care use older CHAP or PAP server cert

LEAP volu to pword cracking

802.1x is port-based NAC framework EAP is the actual auth mechanism

Pre-shared key = wifi pward

caut setup with WPS

- · med compatible NIC
- · connect whoot was using passphrase

Wireless controler connects to RAPIUS Via shared secret key

WiFi Analyzer - software fixed to scan

area

Gov wireless signals in area

for wireless signals in can catch regue AP

Site survey - arch maj of site mark walls, reflective suxface, moters, ovens that could interfere w/ signal heat may = wifi analyses + site survey

best settings for WPAZ . PSR

· AES-CCMP

counter mode w/ cipher block Chaining message authoride standard enc method, works w/ wp.42

Enhanced open - feature of wpt3
that earlies ecomption for

open mode

SAE - Simultaneous authentication of equals

feature of WPA3 that replaces
WPA 4-way hardshake
auth

WPA3 uses updated coypto protocol
AES balois Counter mode protocol

AES 6CMP

WPAZ uses RC4 and temporal key integrity protocol

802.1x definer one of EAP over wiveless

EAPow to allow access point to

Exward auta data w/out allowing

any other type of not access

· · · · lia.tr

AP isolate - prevents connected clients from counting of each other

Enterprise wireless implement wireless
controllers for central manage
and monitor
vardevare/software

I guess MSCHAP better than EAP-TILS?