

# Wi-Fi / Wireless installation at the temple



By Ronald van Kleunen, CEO - Globeron Pte Ltd

Certified: CISM #1117595, CISSP #99801, GIAC #1395658 (GCIH/GMOB), BICSI #237560, CWNE #108, CWNP #307052 (CWNT, Wireless#CWTS, CWNA, CWSP, CWAP, CWDP, CWNE), ITILv2 and ITILv3 #819214, CSOEP #100600 (DataCentre, Infrastructure, Process, Management, Security) IRCA ISO/IEC 20000 ITSM (IT Service Management) #01193718, IRCA ISO/IEC 27001 ISMS (Security Management) #01193718



CWNE #108



## The enterprise level Aruba AP-205H installation at a temple in Bangkok, Thailand

### “Free” Aruba Wi-Fi Access Point (APs) at the Wireless Conference

For more details about the “Free” Aruba Wi-Fi Access Point, see the other article about installation at the Thai village. Again, Aruba Networks and Sean Rynearson (@srynearson) for your help with the logistics.

### Temple in Bangkok, Thailand

“Wat Bowon Niwet” ([location link](#)) is an influential Buddhist temple & monastery. It is well visited by the Thai people and tourists. It is at walking distance from the famous “Khao San road” in Bangkok, Thailand.

“Thank you, Aruba, and in particular Sean Rynearson (@srynearson) helping with the shipment to get the AP-205H to Asia.”



“To cover the whole temple complex with Wi-Fi will be another business opportunity”



Often, we visit the temple as one of our family members is a monk at this temple complex. In one of the houses is a Wi-Fi Access Point (AP) / ADSL (Asynchronous Digital Subscriber Line) modem installed for internet connectivity. Wi-Fi supports only the 2.4 GHz spectrum.

There are a few issues, at certain days there are a lot of people around the complex or visiting the monk’s house and use the Access Point (AP), which slows down the internet as they heavily use social network applications. Facebook and Line are very common applications and popular in Thailand.

The other issue is the Radio Frequency (RF) coverage area between the monk’s house and another formal ceremony building (around 25m-40m in distance). They want to make use of the Wi-Fi connection rather using the telco’s mobile/cellular network. After installing the Aruba 205H in Instant Access Point (IAP) mode, the RF coverage was better for connections in the other building and also the performance was better, but of course, to have another AP in the other building and setup a bridge link / mesh network between the locations would be preferred (see also “Exploring Mesh with an AP-205H” by Scott McDermott @scottm32768 [website link](#) [mostlynetworks.com](#) how to configure the equipment).

It will help to balance the Wi-Fi clients to different Access Points radios, reduce RF cell coverage and reduce hidden node issues. To cover the whole temple complex, is another opportunity as many houses have their own Wi-Fi setup.