

Community Spotlight



Terry TAM Ho Sang

Hong Kong CWNE

Why are you interested in wireless?

I participated in the Wireless (Wi-Fi) Perak Project in Ipoh, the First Wireless City in Malaysia, after I graduated from college. It was challenging yet interesting as back then, being a fresh graduate, all I got was knowledge from books without any hands-on experience. It was great that I could apply what I learnt from the college to wireless deployment, such as Free Space Path Loss, Fading, Link Budget, Modulation & Coding and Multipath & Diversity. An unutterable sense of satisfaction arose when I noticed that the Wi-Fi infrastructure which I had contributed was widely utilized.

How long have you been involved?

I have got 9 years in IP networking and wireless technology now. I received the CWNA in 2010 and started CWSP®, CWAP®, CWDP® & CWNE® in 2012.

How did you find CWNP?

My interest in Wi-Fi has been developed during my working life in Altai Technologies Limited. Very limited relevant learning materials are available in the market and I hope I can enrich my knowledge in the area so as to better supporting the needs of my customers. The CWNA® Study Guide provided me with a channel for acquiring the expertise I needed for my career.

What motivated you to become certified??

At the same time when I was working on achieving the CWNE®, I was preparing the CCIE® Wireless as well. I wished to broaden my knowledge base in Wireless LAN Security concepts, such as AAA and EAP. However, there were no simple, easy and integrated learning materials from vendors. Thus I started reading the CWSP® Study Guide and found that it was very good for me to understand every single detail of them. Then I continued to read the Study Guides of CWAP® and CWDP® and saw what I was missing for the further development of my career.

What parts of becoming certified do you feel are most important?

I find being able to help my customers to improve their wireless networks and build good relationships with them the most important. Customers see that my expertise in the area is recognized by a professional institution and trust my professional advices in the area more readily. Certainly, getting certified offers me better career and business opportunities. Also, I can meet and share ideas with other experts in this profession all over the world.

What was the hardest part of this process and how did you overcome it?

In addition to the theories we learn, we need some hands-on practice to prove that we understand the theories and are capable of applying them, for example 4-Way Handshake. Fortunately, I was allowed to borrow equipment from my previous customer, such as wireless controller, access points, authentication server, for the practicing and testing. With equipment and software like AP and Wireshark, I could capture the frames of the system at specific point of time for analysis, which had been very helpful to me.

How has this journey impacted your life?

I can share the knowledge that I acquired with both my colleagues and customers. I am recognized for my professional advices. Besides, the knowledge brings me the whole picture of wireless communication and now I understand how all the components work together.

Who would you suggest this to?

For those who want to develop a career in this field should join this program. CWNP provides with the best way to become an expert in this industry.

BIO

Terry TAM Ho Sang is a Network Consultant with a focus on Wireless and Mobility. He is responsible for designing, implementing and optimizing enterprise wireless networks and also BYOD solutions. Apart from focusing on Mobility, he also works on LAN architectures, security, voice over WLAN and location & content aware services.

Terry has 9 years of experience in IP networking and wireless technology. Prior to taking up this role, he spent several years working on outdoor Wi-Fi system, troubleshooting complex wireless network issues. He also worked closely with the Business Unit and Development Team for product development and innovation. In addition, he travelled frequently to U.S., Kenya, Taiwan, Malaysia and China and provided support in network deployment and training activities to customers.

He holds a BEng (Hons) in Electronic Engineering (Information and Communication Engineering) from the Hong Kong University of Science and Technology. It was here that Terry became the first person to be certified as both CCIE® Wireless and CWNE® in China and Hong Kong. His other certifications include: CCNP®, CCDP® and many other industry certifications.

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