

APRICOT 2026 REPORT

Course: Practical Cybersecurity of Internet Operators.

Duration: 5 February - 7 February, 2026

Location: Jakarta, Indonesia

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Title: Senior Network Engineer

Country: Vietnam

1. Introduction

I joined Master Class 3 - Practical Cybersecurity of Internet Operators. I have a background as a Network Engineer so that I can approach quickly. This course has a lot of information related to networking like: ARP, IP Routing, IGP, BGP. It offered a comprehensive overview of how these protocols function at scale, followed by practical methodologies for hardening network devices and protecting the broader network ecosystem.

2. Technical domains

The training focused on securing the "building blocks" of internet operations. My primary takeaways included:

- Layer 2 Security: Mitigation of some Layer 2 attacks with Rogue Switches, Unidirectional links, Rogue DHCP Server, ARP Spoofing.
- Layer 3 Security: We learned how to secure a router, BGP best practises, uRPF, RTBH, RPKI

3. Future work and Community Knowledge Sharing

My participation in APRICOT 2026 provided a critical shift in perspective. Historically, the primary KPI for a Network Engineer has been "connectivity and uptime." However, this course highlighted a dangerous gap: Engineers often prioritize making the network run while neglecting the security protocols that keep it safe. I have learned that a "fast" network is useless if it is not a "trusted" network. Moving forward, I will integrate security into the design phase of every project, rather than treating it as an afterthought.

To maximize the value of this training, I am planning a dedicated series on my YouTube channel aimed at the Vietnamese Network Engineering community. My goal is to bridge the language barrier and provide localized technical content based on the APRICOT 2026 curriculum.

My Youtube Channel: <https://www.youtube.com/@NetworkThucChien>

Following our participation, the four Fellows from Vietnam have collectively agreed to organize a knowledge-sharing seminar. Our mission is to raise awareness about APNIC and APRICOT programs, ensuring that more engineers in Vietnam can benefit from these global opportunities and technical resources.