

Fellowship Report – Coach Fellow

Advanced BGP Masterclass Training at APRICOT 2026



JAKARTA, INDONESIA
4 – 12 February 2026

Introduction

I would like to extend my sincerest gratitude to the APRICOT Fellowship Committee for choosing me as a Coach Fellow for the Advanced BGP Masterclass Training at APRICOT 2026. It was a huge honour to be a part of this prestigious program, which gave me the chance to improve my technical knowledge and teaching skills in advanced Border Gateway Protocol (BGP) techniques.

My experience with the Network Operator Group (NOG) community has been both distinct and unusual. Unlike most people in this industry, who have started their professional lives in Internet Service Providers (ISPs) or telecom companies, I started my professional life as an IT Network Engineer, specializing in enterprise network infrastructure and system management. My involvement with the technical community began when I joined our local Network Operator Group, LKNOG as a speaker in 2013. This was the starting point of my active involvement in the regional NOG community.

Later, I was privileged to receive a fellowship award from SANOG 35, which further reinforced my dedication to knowledge-sharing and community-driven learning. Since then, I have been actively involved in both LKNOG and SANOG programs by contributing to technical sessions and fellowship activities.

Meanwhile, I was given the chance to join APRICOT 2024 in Bangkok, Thailand as a fellow, which gave me good exposure to the global Internet operations community.

Almost two years have passed by, and I am really thankful to have been chosen not only as a Coach Fellow for the Advanced BGP Masterclass but also as a speaker for APRICOT 2026. This is not something that I



have planned and strategized; it is actually the result of my dedication, consistency, and passion that I have put into the NOG community and into improving my technical skills over the years.

The training programme was held in Jakarta, Indonesia, which was another good international exposure for me. Joining this global technical community gave me the chance to work with people from different network operation backgrounds and to learn about the real-world routing problems and their solutions in different parts of the world.

Overview of the Training Programme

The Advanced BGP Masterclass was targeted at network engineers who already have a good grounding in BGP and are looking to further improve their knowledge of advanced routing topics, scalability methods, and best practices.

This masterclass offered the participants a well-rounded mix of theoretical knowledge and hands-on lab activities.

For the first time, I was able to utilize the FRRouting (FRR) network simulator, which provides a very realistic routing environment that is almost identical to a real-world router environment, unlike most other simulation tools available.



This was a very positive new experience not only for me but also for most of the participants. The practical knowledge acquired through this tool has motivated me to implement a similar approach when conducting hands-on training sessions for students in my local community programs.

A total of 35 participants attended the Masterclass, consisting of delegates from different Internet Service Providers (ISPs), academic, and enterprise network environments in the Asia-Pacific region.



Coaching Experience and Learning Outcomes

As a Coach Fellow, I was able to engage actively with the instructors in practical lab sessions to assist participants in forming BGP neighbor relationships, routing policy configuration, and troubleshooting connectivity issues in a simulated network environment.

During the lab, I was able to perform BGP configuration and troubleshooting activities successfully under the instructors' guidance. This has greatly improved my confidence level in dealing with real-time routing issues in a production-like scenario.

In addition, I was able to learn about:

- Smart and efficient techniques for troubleshooting BGP session failures.
- Quick routing anomaly detection using BGP message analysis.
- Proven route filtering techniques to prevent routing leaks.
- Sophisticated policy-based routing solutions.
- Practical techniques for traffic engineering in multi-homed networks.
- Routing optimization techniques using BGP communities.

These techniques will prove to be extremely helpful in my future endeavors in enterprise and ISP network environments, particularly in enhancing routing stability and performance.

Acknowledgement of APNOG committee and Instructors

I would like to extend my sincere appreciation to the APNOG Committee members for providing me with the opportunity to continue my service and contribution to APRICOT. In particular, I would like to express my gratitude to **Dr. Philip Smith**, **Mr. Aftab Siddiqui**, and **Mr. Rupesh Shrestha**, along with the other committee members, for their continuous support and encouragement.



I would also like to thank the Advanced BGP Masterclass workshop instructors — **Mr. Aftab Siddiqui** from APNIC Foundation, **Mr. Phil Mawson** from Vocus, and **Mr. Mark Duffell** from Telstra — for their expert insights, hands-on mentoring approach, and

industry-driven knowledge sharing, which played a vital role in making this Masterclass highly interactive and impactful.

Conference Participation and First Speaking Opportunity

Following the completion of the training sessions, I was honoured to participate in the APRICOT 2026 Conference as a **first-time speaker**. During the conference, I delivered a presentation on the topic of **Network Performance** (<https://tinyurl.com/3ypvbb74>), which marked a significant milestone in my professional journey.

This opportunity enabled me to share knowledge with an international audience while also improving my public speaking and technical presentation skills within a global networking forum.

Conclusion

Overall, the Advanced BGP Masterclass Training at APRICOT 2026 was an invaluable experience that contributed significantly to my professional development in advanced routing technologies and operational best practices.

The knowledge and skills gained through this fellowship will support me in enhancing network performance, improving routing policy implementation, and strengthening secure inter-domain routing practices in my future work.

I am grateful to the APRICOT Fellowship Committee for providing me with this opportunity and look forward to contributing back to the community by sharing the knowledge gained through this programme. Last but not least thanks to Mr. John Rattray and Mrs. Molly, the dedicated fellowship coordinators, whose unwavering support was invaluable.



Thank You,

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