



BKNIX PEERING FORUM <<<
>>> & ThaiNOG Day

BPF 2025

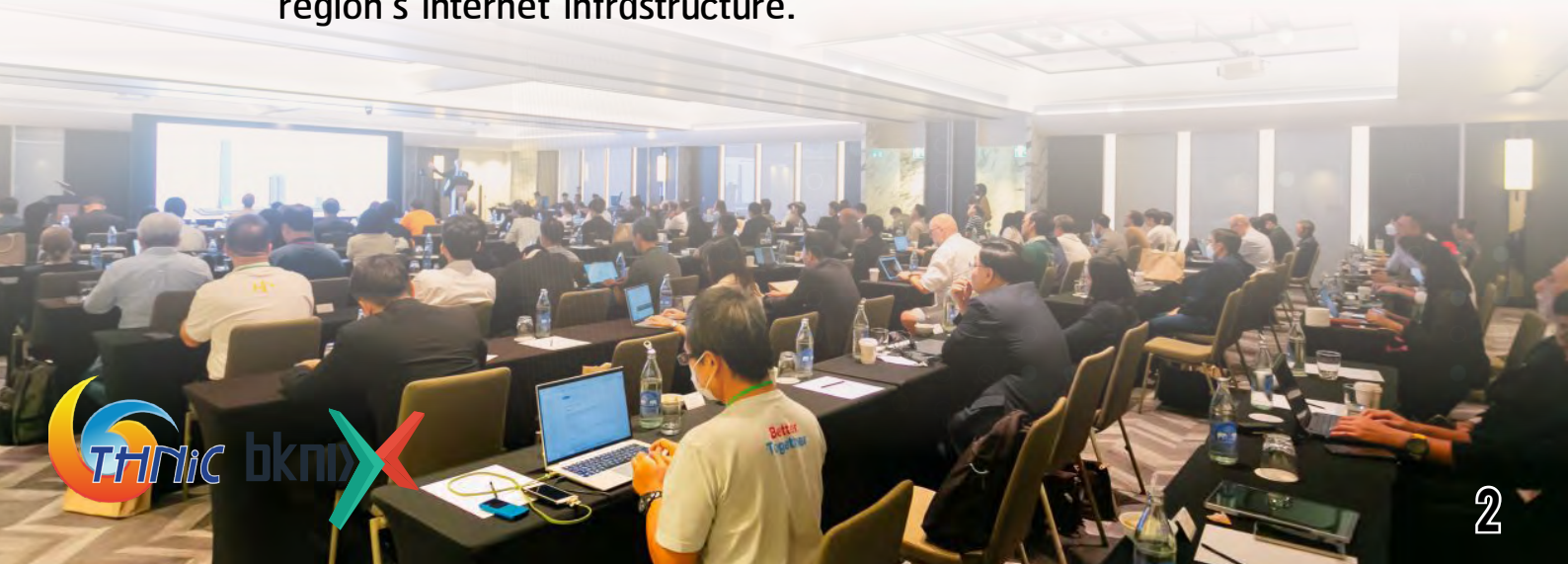
SUMMARY REPORT OF
BKNIX PEERING FORUM 2025

SUMMARY REPORT OF BKNIX PEERING FORUM 2025

THNIC Foundation, in collaboration with BKNIX Co., Ltd., successfully organized the BKNIX Peering Forum 2025 (BPF2025), marking a significant milestone as a leading platform for strategic industry collaboration. The forum comprised senior executives, network architects, and key decision-makers from prominent domestic and international Internet Service Providers (ISPs), Internet Exchange Points (IXPs), Content Delivery Networks (CDNs), Internet Data Centers (IDCs), cloud platforms, and interconnection service providers.

Held over two days, the event featured curated business meetings, expert-led presentations, and targeted networking sessions. Discussions focused on the pivotal role of peering and interconnection strategies in enhancing network efficiency, resilience, and scalability.

BPF2025 provided an exceptional opportunity for industry stakeholders to exchange insights, cultivate partnerships, and collectively advance the growth and stability of the region's internet infrastructure.



Keynote Presentation

One of the key highlights of BPF2025 was the keynote address delivered by Professor Pennung Warnitchai from the Department of Civil and Infrastructure Engineering (CIE), Asian Institute of Technology (AIT). His presentation, titled “The Bangkok Earthquake and What We Learned From It”, provided critical insights into the relationship between physical infrastructure stability and the resilience of the digital ecosystem.

The session was structured to deliver a coherent progression of ideas. It began with a pre-discussion on the recent earthquake in Thailand and Myanmar, offering important context on regional seismic activity and its relevance to national infrastructure preparedness.

This was followed by a panel discussion examining the impact of these events on network operators in both countries. The panel addressed not only immediate technical disruptions, but also the broader operational challenges faced by data centers and digital infrastructure providers.

A notable feature of the event was the panel discussion titled “Shaking the Network: Peering and Infrastructure Resilience after the Myanmar-Thailand Earthquake”. This session gathered insights and experiences from both industry panelists and participants, fostering a comprehensive dialogue on the future of the Internet landscape.

The final segment emphasized the importance of proper measurement and monitoring systems. This part of the session underscored the need for accurate data collection and continuous monitoring as essential tools for early warning, risk mitigation, and long-term resilience. The discussion concluded by reinforcing that building a robust digital ecosystem requires coordinated efforts and investments from all stakeholders.

Conclusion

BPF2025 was a resounding success, attracting a diverse group of 381 on-site participants at the Bangkok Marriott Marquis Queen's Park, Thailand. Attendees represented a wide range of entities, including Internet Service Providers (ISPs), Content Delivery Network Providers (CDNs), Internet Data Center Providers (IDCs), Carriers, Exchange Center Providers (IXPs), Universities and other relevant organizations. Participants hailed from 22 economies, including Australia, Bangladesh, Cambodia, China, France, Hong Kong, India, Indonesia, Japan, Laos, Malaysia, Mauritius, Myanmar, the Philippines, Poland, Singapore, Taiwan, Thailand, United Arab Emirates, United Kingdom, United States of America and Vietnam.

The forum served as a high-impact platform for knowledge sharing and professional networking. As BKNIX advances its strategic initiatives and achieves new milestones, the BKNIX Peering Forum continues to play a pivotal role in shaping the Internet Exchange landscape—promoting innovation, strengthening industry collaboration, and supporting the development of a more resilient and interconnected digital infrastructure.



PRESENTATION TOPICS

The keynote speaker, presenters, and panel discussions provided informative and interesting sessions during the BPF 2025.

1. Welcome Speech and Opening Remarks

Assoc. Prof. Surasak Sanguanpong
THNIC Foundation Board Member



2. Session 1: Keynote

Topic: The Bangkok Earthquake and What We Learned From It

Professor Pennung Warnitchai

Structural Engineering Department of Civil and Infrastructure Engineering (CIE), AIT



3. Session 2: Panel Discussion

Topic: Shaking the Network: Peering and Infrastructure Resilience after the Myanmar-Thailand Earthquake

Moderator: Yoshinobu Matsuzaki
Senior Engineer, Internet Initiative Japan Inc.

Panelists:

Tanapon Chandavasu

Deputy Director and Head of Internet Engineering & Operation
Department, True Internet Corporation Co., Ltd.

Thein Myint Khine

Founder and CEO, Myanmar Internet Exchange (MMIX)

Kenichi Miyashita

Managing Director, Telehouse Thailand



4. Session 3: Keynote

Topic: Shaken But Connected? Lessons on Internet Resilience from the Myanmar-Thailand Earthquake

Amreesh D. Phokeer

Internet Measurement and Data Expert, Internet Society



5. Peering personal

ISP/OTT/CDN

- Akamai
- Netflix
- Globe Telecom
- Symphony Communication

DC

- ETIX EVERYWHERE
- STT GDC Ph
- STT GDC Thailand
- Telehouse Thailand

IXP

- AMS-IX
- BBIX
- BKNIX
- CNX
- Globe IX
- JPIX
- MMIX

Research

- RouteViews

Transport/Carrier

- Globe Telecom





6. Privilege Presentation

Topic: Introduction about data center trends in Thailand for 2025

By Pauline Laxalt

Marketing Manager, ETIX Everywhere



Topic: Emerging trends in the peering world
By Naveed Haq
Senior Director, Infrastructure and Connectivity,
Internet Society



Topic: Evolution of IX and Peering

By Paresh Khatri

Head of IP Adv Solutions Architect, NOKIA



7. Session 4: Peering & Operations

Topic: RouteViews Technical Update

By Philip Smith

Senior Network Engineer and Training Coordinator,
NSRC

Owen Conway

Network Engineer and Peering Coordinator, NSRC



Topic: Optimizing Traffic Flow with Akamai

By Kams Yeung

Senior Network Architect, Akamai Technologies



Topic: bgp.he.net & routing.he.net

By Walt Wollny

Director Interconnection Strategy, Hurricane
Electric



8. Session 5: Technology & Updates

Topic: Navigating the SEA-5 Data Centre Landscape with DC Byte

By Nicole Seah

Research Analyst, DC BYTE

Vivian Wong

Research Analyst, DC BYTE



Topic: Building an open standards-based DC Fabric

By Bastien Claeys

**Nokia Regional Product Line Manager,
Data Center & IP Routing, NOKIA**



Topic: Lets Measure - IPv6, DNS and Peering

By Aftab Siddiqui

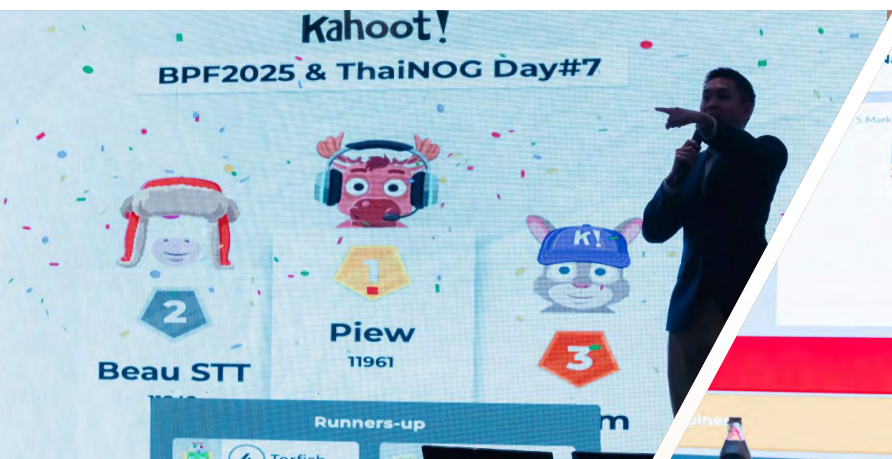
Head of Stakeholder Relations, APNIC Foundation



9. BPF Quiz

Moderator:

Mr. Thawan Paruggamanont



10. Peering Meeting

The event brought together managers, engineers, and business decision-makers from both local and international ISPs, IXPs, and Interconnection Service Providers for two days of meetings, presentations, and networking events, thus, will providing great opportunities for those who make peering and interconnection decisions for their network.



SPONSORS

The Thai Network Information Center Foundation and BKNIX Co., Ltd. extend their heartfelt thanks to all the sponsors who contributed to the success of the BKNIX Peering Forum 2025. Their commitment and contributions are greatly appreciated. Together, we have fostered a platform for valuable discussions, networking, and growth within the industry. Thank you for your continued support and partnership.

Platinum Sponsor:



Titanium Sponsor:



Coffee Cart Sponsor:



Gold Sponsor:



Silver Sponsor:



In-Kind Sponsor:



PARTICIPANTS

The participants at the BPF2025 and ThaiNOG Day consist of a wide range of entities, including Internet Service Providers (ISPs), Content Delivery Network Providers (CDNs), Internet Data Center Providers (IDCs), Carriers, Exchange Center Providers (IXPs), Universities and other relevant as shown below:

On-site participants	Number of participants
Australia	9
Bangladesh	2
Cambodia	2
China	3
France	2
Hong Kong	8
India	2
Indonesia	2
Japan	17
Laos	3
Malaysia	5
Mauritius	1
Myanmar	4
Phillipines	1
Poland	1
Singapore	23
Taiwan	1
Thailand	285
United Arab Emirates	2
United Kingdom	1
United States of America	2
Vietnam	5
Total	381

MEETING BOOKING SYSTEM

The booking system that was an important part of the BPF event was designed for BPF attendees to conduct face-to-face meetings, including creating, canceling and accepting invitations for the BPF event.

Number of proposed meeting bookings: 616

Number of confirmed meetings: 192

FELLOWSHIP PROGRAM

The BKNIX Fellowship program aims to provide an opportunity for Network Engineers and Security or Network Officers from Southeast Asia to broaden their IXP network and knowledge.

This year, the BKNIX Fellowship program awarded one participant from Myanmar a fellowship, so he was able to attend both BPF2025 and ThaiNOG Day#7, as well as the pre-event workshop, titled “BGP Deployment and Troubleshooting Workshop”, conducted from May 18 to May 21, 2025.

LIST OF FELLOW

No.	Name	Organization	Country
1	Mr. Aung Aung	Prince of Songkla University, Phuket Campus	Myanmar

APPENDIX A

AGENDA 22 – 23 MAY 2025

BPF2025 Agenda

Thursday, 22 May 2025

The Great Hall (7th Floor)

09.00 - 09.30	Registration
09.30 - 09.40	<p>Welcome Speech and Opening Remark Assoc. Prof. Surasak Sanguanpong Committee Member of THNICF</p> <p>Group Photo Session</p> <p>Present the token of appreciation to all sponsors</p>
09.40 - 10.30	<p>Session 1 : Keynote</p> <p>Topic: The Bangkok Earthquake and What We Learned From It</p> <p>Professor Pennung Warnitchai Structural Engineering Department of Civil and Infrastructure Engineering (CIE), AIT</p>
10.30 - 12.00	<p>Session 2 : Panel Discussion</p> <p>Topic: Shaking the Network: Peering and Infrastructure Resilience after the Myanmar-Thailand Earthquake</p> <p>Moderator:</p> <p>Yoshinobu Matsuzaki Senior Engineer, Internet Initiative Japan Inc.</p> <p>Panelist:</p> <p>Tanapon Chandavas Deputy Director and Internet Engineering & Operation, True Internet Corporation Co., Ltd.</p> <p>Thein Myint Khine Founder and CEO, Myanmar Internet Exchange (MMIX)</p> <p>Kenichi Miyashita Managing Director, Telehouse Thailand</p>
12.00 - 13.00	<p>Session 3 : Keynote</p> <p>Topic: Shaken But Connected? Lessons on Internet Resilience from the Myanmar-Thailand Earthquake</p>

	<p>Amreesh D. Phokeer Internet Measurement and Data Expert, Internet Society</p>
13.00 - 14.00	Network Lunch
14.00 - 14.30	<p>Peering personal</p> <p><u>ISP/OTT/CDN</u></p> <p>Akamai Netflix Globe Telecom Symphony Communication</p> <p><u>DC</u></p> <p>ETIX EVERYWHERE STT GDC Ph STT GDC Thailand Telehouse Thailand</p> <p><u>Research</u></p> <p>RouteViews</p> <p><u>IXP</u></p> <p>AMS-IX BBIX BKNIX CNX Globe IX JPIX MMIX</p> <p><u>Transport/Carrier</u></p> <p>Globe Telecom</p>
14.30 - 15.00	<p>Privilege Presentation</p> <p>Topic: Introduction about data center trend in Thailand for 2025</p> <p>Pauline Laxalt Marketing Manager, ETIX Everywhere</p> <p>Topic: Emerging trends in the peering world</p> <p>Naveed Haq Senior Director, Infrastructure and Connectivity, Internet Society</p> <p>Topic: Evolution of IX and Peering</p> <p>Paresh Khatri Head of IP Adv Solutions Architect, NOKIA</p>

15.00 - 16.00	Session 4 : Peering & Operations Topic: RouteViews Technical Update <ul style="list-style-type: none"> Philip Smith Senior Network Engineer and Training Coordinator, NSRC Owen Conway Network Engineer and Peering Coordinator, NSRC Topic: Optimizing Traffic Flow with Akamai <ul style="list-style-type: none"> Kams Yeung Senior Network Architect, Akamai Technologies Topic: bgp.he.net & routing.he.net <ul style="list-style-type: none"> Walt Wollny Director Interconnection Strategy, Hurricane Electric
16.00 - 16.30	Break
16.30 - 17.30	Session 5 : Technology & Updates Topic: Navigating the SEA-5 Data Centre Landscape with DC Byte <ul style="list-style-type: none"> Nicole Seah Research Analyst, DC BYTE Vivian Wong Research Analyst, DC BYTE Topic: Building an open standards-based DC Fabric <ul style="list-style-type: none"> Bastien Claeys Nokia Regional Product Line Manager - Data Center & IP Routing, NOKIA Topic: Lets Measure - IPv6, DNS and Peering <ul style="list-style-type: none"> Aftab Siddiqui Head of Stakeholder Relations, APNIC Foundation
17.30 - 18.00	BPF Quiz Moderator: Mr. Thawan Paruggamanont
18.30 - 21.00	Peer and Cocktail

Meeting Room (7th Floor)

09.00 - 17.00	Peering Meeting
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ThaiNOG Day #7
Friday, 23 May 2025
The Great Hall 1 (7th Floor)

09.00 - 09.30	Registration
10:00 - 11:00	Session 1 (Thai Language) Build your own ZeroTrust network for free in just 5 minutes Pongpipat Thunyawiraphap Supadej Suthiphongkanasai Mastering Infrastructure with Proxmox solution Phukao Pongsuwan
11.00 - 11.30	Break
12.00 - 13.00	Session 2 (English Language) Cryptography in the Quantum Era Paresh Khatri, Head of IP Adv Solutions Architect, NOKIA IPv6 Mostly Experience at APRICOT Yoshinobu Matsuzaki, Senior Engineer, IJ BGP Routing table updates Philip Smith, NSRC Building Network Digital Twin with Container Lab, from your source of truth Thomas Corre, Regional Product Line Manager and Data Center & IP Routing, NOKIA
13.00 - 14.00	Lunch
14.00 - 15.30	The Great Hall 1, 7th Floor Session 3a (Thai Language) Enhanced Network Visibility: 3D Mapping for Intuitive Fiber Optic Monitoring Wanut Padee, Office of Digital Technology [ODT], Khon Kaen University Thailand Internet Maps Chalermopol Charnsripinyo, Division Director of Technology Support Services, NECTEC

	<p>Internet, Cloud & BGP Monitoring with ThousandEyes! Therdtoon Theerasasana, Cisco Systems-Thailand</p> <p>DNS Operational Best Practices Titipong Pakinsri, Operation and Support Manager, Thai Name Server</p> <p>EAI .TH Update Anawin Pongsaboripat Assistant Director, Technology Operations & Infrastructure, THNICF</p> <p>No-Cost Cyber Self-Defense for Academic Institutions (Some Configuration Required) Pirawat watanapongse, Ph.D. Department of Computer Engineering, Kasetsart University</p> <p>A forgotten prefix (English Language) Yoshinobu Matsuzaki, Senior Engineer, IJ</p>
	<p>Library Room, 9th Floor</p> <p>Session 3b (English Language)</p> <p>SRv6 Tutorial Imtiaz Sajid, APNIC Md Abdullah Al Naser, APNIC</p>
15.30 - 16.00	Break
16.00 - 17.00	<p>The Great Hall 1, 7th Floor</p> <p>Session 4a (English Language)</p> <p>NOGs updates Yoshinobu Matsuzaki, Senior Engineer, IJ Vincent "Achie" Atienza, Globe Telecom Tashi Phuntsho, FLEXOPTIX GmbH Philip Smith, NSRC</p>
	<p>Library Room, 9th Floor</p> <p>Session 3b (English Language)</p> <p>SRv6 Tutorial Imtiaz Sajid, APNIC Md Abdullah Al Naser, APNIC</p>
17.00 - 17.15	Wrap-up & Closing

Meeting Room (7th Floor)

10.00 – 17.00	Peering Meeting
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Side Events By The Platinum Sponsors

09.30 - 17.00	Pulse Internet Measurement Forum, Thailand 2025 By Internet Society The Great Hall 2, 7 th Floor
11.00 - 12.00	2025 Data Center Trends in Thailand By Etix Everywhere Thai Boromphimarn 3-4, 3 rd Floor

APPENDIX B

SPEAKERS' BIOGRAPHY



Assoc. Prof. Surasak Sanguanpong
Committee Member of THNIC Foundation

Assoc. Prof. Surasak Sanguanpong is an accomplished professional with expertise in Computer Networks and Computer Engineering. His career features extensive experience in university administration, including leadership roles at Kasetsart University, and active participation in various committees and boards focused on information technology, cybersecurity, and network infrastructure.



Professor Pennung Warnitchai
Structural Engineering Department of Civil and Infrastructure Engineering (CIE), AIT

Prof. Pennung Warnitchai, is professor and chair of Structural Engineering program at Asian Institute of Technology and Founding Director of Earthquake Research Center of Thailand (EARTH)

He received his doctorate degree from University of Tokyo, Japan on 1990 and have joined Structural Engineering program at AIT since 1992. He is supervising master and doctoral students and conducting research studies in the areas of structural dynamics, bridge engineering, earthquake engineering, and wind effects on structures.

**Yoshinobu Matsuzaki**

Senior Engineer, Internet Initiative Japan Inc.

Yoshinobu Matsuzaki is a Senior Engineer at Internet Initiative Japan Inc. (IIJ/AS2497), a pioneering commercial ISP in Japan. He has decades of network operation experience with the IIJ backbone network team. His areas of expertise include network design, network operation, network security, and DNS. He has given numerous talks at JANOG, bdNOG, RIPE, and APNIC meetings, as well as other workshops.

**Tanapon Chandavasus**

Deputy Director and Internet Engineering & Operation, True Internet Corporation Co., Ltd.

**Thein Myint Khine**

Founder and CEO, Myanmar Internet Exchange (MMIX)

Thein Myint Khine is founder and CEO of Myanmar Internet Exchange (MMIX) and also led MMNOG 2020 event as a Chairperson. Khine is an Industrial Advisor and she has over 20 years of professional experience in IT field. She joined the field in 1994 since after she achieved Bachelor Degree in Electronic Engineering. As of November 2000, she earned the IT Professional Certificates of Microsoft & Cisco. In 2013, she achieved CCIE (Cisco Certified Internet-network Expert). Based on more than 15 Years' Experience in Internet Service Providers Environment, Khine could coordinate Industrial friends and set up the first Myanmar Internet Exchange.

**Kenichi Miyashita**

Managing Director, Telehouse Thailand

He has 16 years of experience in the Data Center industry and is skilled in business case planning, business development, and product management. He has contributed to the industry by coaching and managing teams of like-minded experts and deep market knowledge. His many accomplishments have been led by significant strategic investments in international markets.

**Amreesh D. Phokeer**

Internet Measurement and Data Expert, Internet Society

Dr. Amreesh Phokeer is an Internet Measurement and Data Expert at the Internet Society. His broad areas of research are in computer networking, security, and telecommunication policy, with an emphasis on Internet measurements. Currently, he is focused on efforts around designing new tools and techniques to study the global health of the Internet including Internet resilience, routing security issues, Internet shutdowns, and other market trends that impact the growth of the Internet.

**Pauline Laxalt**

Marketing Manager, ETIX Everywhere

As Marketing Manager at Etix Everywhere, Pauline Laxalt leads international communications and market development initiatives across Europe and Southeast Asia. During the BKNIX Peering Forum 2025, she shared key insights from the panel discussion “Data Center Trends in Thailand”, highlighting the country’s fast-evolving infrastructure landscape, the impact of AI on data center design, and Thailand’s emergence as a strategic hub for hyperscalers. Her contribution

reflected Etix's deep integration in the local ecosystem and its commitment to supporting sovereign and sustainable digital growth in the region.



Naveed Haq

Senior Director, Infrastructure and Connectivity,
Internet Society

Naveed Haq is a Senior Director, Infrastructure and Connectivity, primarily working in the Asia and the Pacific region. He carries a professional appetite to work with people and build Internet infrastructure and networks to connect the unconnected. He has have been lucky to fulfill this appetite over the years, working with various communities in various capacities and through diverse projects



Paresh Khatri

Head of IP Adv Solutions Architect, NOKIA

Paresh Khatri is the CTO and Chief Architect for the IP Networks Division for Nokia Corporation in APAC. In this role, Paresh is responsible for formulating platform and architecture strategies to meet the varied demands of operators in the Asia-Pacific region. He has been responsible for architectural design for the largest IP transformation projects in the region, and is now working closely with service providers as they address the growing demand for scale and new services that will be enabled by the evolution to 5G/6G, AI workloads and the metaverse. Paresh's areas of expertise include the entire range of IP/MPLS technologies and applications, from the network core to the access network. His current areas of interest include 5G transport, coherent routing, network slicing, segment routing and other SDN technologies. Paresh has more than 27 years of experience with both service providers and vendors in building carrier-grade IP/MPLS networks. Paresh is a regular speaker at industry conferences in the APAC region and also actively

participates in a number of telecommunications industry standards bodies. Paresh holds a Bachelors of Electronic Systems Engineering (First Class Honours) and a Bachelor of Information Technology from the Queensland University of Technology.



Philip Smith

Senior Network Engineer and Training Coordinator, NSRC

Philip Smith has been working in the Internet industry since the early 1990s after catching the Internet bug in the mid 1980s while at University. He runs his own consulting company, PFS Internet Development.

Philip spends some of his time working for the Network Startup Resource Centre as a Senior Network Engineer and Training Coordinator, assisting with Network Operations Groups coordination, and providing network design assistance and training around the Pacific, South and South East Asia, the Middle East and Africa.



Owen Conway

Network Engineer and Peering Coordinator, NSRC

Owen Conway has worked in the internet industry in various roles and organizations since the mid-1990s. Starting as a network engineer for an ISP in the UK, in the mid-2000s he started working at LINX, firstly as a Senior Network Engineer and then as the Network Architect. Since moving to the USA, Owen has worked in Cloud Compute Networking and national broadband organizations, and most recently worked as a Network Architect for NRTC which works to improve fiber broadband deployments to underserved/rural communities across America. Owen currently serves on the board of PhillyIX as Director of Technology and Architecture. Throughout his career, Owen has always been an advocate of using the RouteViews service for operational enrichment and as a way to educate others on how BGP works.

**Kams Yeung**

Senior Network Architect, Akamai Technologies

Kams Yeung is a Senior Network Architect at Akamai Technologies, the world's largest CDN. Kams has responsibilities primarily covering peering, routed interconnections and capacity planning. Kams is a 20-year veteran of the Internet industry and an international network engineering, operations and data center professional. He has served as an infrastructure team member during APRICOT-APAN 2011. Before Akamai, Kams was Product Manager at Equinix, and Senior Manager, IP Engineering at Pacnet. He is a regular supporter of APRICOT, APNIC, APF, and other industry community gatherings.

**Walt Wollny**

Director Interconnection Strategy, Hurricane Electric

Walt Wollny is the Director of Interconnection Strategy at Hurricane Electric, supporting the company's global network reach across over 56 countries and more than 320 Internet Exchanges. He focuses on global connectivity and expanding into new markets.

With over 27 years of experience in the Internet industry, Walt previously worked as an IP Business Development Manager at Amazon. During his tenure, he supported the deployment of over 64 new CDN builds, including in markets such as Japan, Singapore, Hong Kong, India, Taiwan, the Philippines, and Australia.

**Nicole Seah**

Research Analyst, DC BYTE

Nicole covers the Southeast Asian data centre markets, including the Philippines, Vietnam, and Thailand. Through market analysis and client briefings, she provides valuable insights drawn from her extensive experience, having visited nearly 60 data centres across the region. This enables her to offer a grounded understanding of market trends, capacity,

and operational dynamics, empowering clients to make informed decisions in the fast-evolving Southeast Asian data centre landscape.

Before joining DC Byte, Nicole was involved in multiple social psychology research projects, managing the end-to-end process from experimental design to data analysis. She holds a Bachelor of Arts (Honours) degree in Psychology from the National University of Singapore and a certification in Data Centre Design Awareness (DCD), blending technical expertise with a deep understanding of human behaviour and decision-making.

Outside of work, Nicole practices judo, a sport that keeps her physically active while honing her discipline and focus.



Vivian Wong

Research Analyst, DC BYTE

Vivian specialises in Southeast Asia market research and intelligence, as part of the DC Byte Singapore team. She leads regular field-based market inspections across the region to provide on-the-ground insights that inform strategic decisions for global data centre operators, REITs, developers, and institutional investors. Her work includes conducting analyst briefings and delivering consultancy reports that have shaped multimillion-dollar investment decisions.

Vivian brings a well-rounded perspective to her work, drawing from prior experience in site-suitability analysis for the supply chain sector and her time as a journalist with Lianhe Zaobao. She is also an active speaker at regional industry forums and has been cited in established publications including Nikkei Asia, The Wall Street Journal, and The Business Times.

Vivian holds a Bachelor's degree in Economics and China Studies from the National University of Singapore. She is effectively bilingual in English and Mandarin and also holds certifications in Data Centre Design Awareness (DCPro) and Real Estate Investment (Singapore Management University).

Outside of work, she is an avid photojournalist and volunteers with youth communities focused on ASEAN and China engagement.



Bastien Claeys

Nokia Regional Product Line Manager - Data Center & IP Routing, NOKIA



Aftab Siddiqui

Head of Stakeholder Relations, APNIC Foundation

Aftab Siddiqui joined the Foundation in October of 2024. Based in Sydney, Aftab brings extensive experience in technical and business operations roles in the Internet service provider industry. He has an intimate knowledge of the Internet community, and has worked closely across technical communities, government agencies, civil society, and the private sector across the Asia Pacific. With a deep commitment to advancing the Internet ecosystem, he has worked on critical issues such as technology and infrastructure development, technical and non-technical stakeholder engagement, and policy advocacy.



Pongpipat Thunyawiraphap

เริ่มใช้เน็ตเวิร์กในยุค ArcNET ความเร็ว 1.7Mbps และ 10Base-2 ความเร็ว 10Mbps ในยุคที่ระบบปฏิบัติการยังเป็น Novel Netware อยู่ในวงการสื่อสารตั้งแต่ยุคโมเด็ม และเป็น SYSOP ของ BBS ก่อนที่จะมีการให้บริการอินเทอร์เน็ตในประเทศไทย 1997 ออกแบบและวางระบบเน็ตเวิร์ก ขนาด 600 จุด ครอบคลุม 5 อาคาร ผู้ใช้งาน 2,400 คน 1999 บริหารระบบเน็ตเวิร์กที่มีคอมพิวเตอร์มากกว่า 1,300 เครื่อง 2000 ตำแหน่ง Technology Committee โรงเรียน

นานาร่วมฤดี ได้รับรางวัล Apple Distinguished School จากบริษัท Apple เป็นโรงเรียนแห่งที่ 2 ของ Asia ที่ได้รับรางวัลนี้ เนื่องด้วยการนำเทคโนโลยีเข้ามาเสริมระบบการศึกษาอย่างมีประสิทธิภาพ 2003 เป็น Microsoft Certified Trainer 2008 เป็น IT Director ให้กับบริษัทมหาชน และรับผิดชอบระบบออกอากาศดิจิทัลที่เป็น High Availability 2013 เป็น Mikrotik Certified consultant 2018 เป็น Mikrotik Certified Trainer ปัจจุบัน เป็นผู้เชี่ยวชาญอุปกรณ์ Mikrotik และเน็ตเวิร์ก เป็นที่ปรึกษาให้กับองค์กรต่าง ๆ ตั้งแต่พนักงานจำนวน 30 - 1,200 คน ทั้งบริษัทมหาชน, โรงพยาบาล, โรงแรม, อพาร์ทเมนท์, บริษัท SMB ฯลฯ



Supadej Suthiphongkanasai

Founder VR Online Co.,Ltd.

- Founder VR Online Co.,Ltd.
- Mikrotik Certified Trainer
- Former Director of Thai Webmaster Association
- Former MC of Beartai Hitech and TechOffside



Phukao Pongsuwan

- 25 years experiences in technology implementation
- 7 years in proxmox implementation
- system integration
- networking
- infrastructure and datacenter
- it consultant

**Md Abdullah Al Naser**

APNIC

Naser is a professional IP network enthusiast with extensive experience working in large ISPs, telecoms, and enterprise network infrastructures. He specializes in planning and designing complex network solutions for both service providers and corporate networks, with expertise in advanced routing protocols such as OSPF, IS-IS, and BGP, as well as IPv6 and MPLS. Alongside his profession, Naser is also involved in technical writing and providing technical training within his capacity.

**Imtiaz Sajid**

APNIC

Imtiaz Sajid is a Network Analyst / Network Trainer. He has worked for Internet Service Providers (ISP) and managed service provider as Network Operation, Capacity Planning and Network Design Engineer to provide L3/L4 support, managed services, design and capacity planning, testing, deployment and swap of IP network.

APPENDIX C

PRESS RELEASE (THAI LANGUAGE)

ข่าวประชาสัมพันธ์

บีเคนิคซ์ เดินหน้าสนับสนุนโครงสร้างพื้นฐานอินเทอร์เน็ตไทย จัดงาน BKNIX Peering Forum ครั้งที่ 9 รวมผู้นำอุตสาหกรรมจากทั่วภูมิภาค

มูลนิธิศูนย์สารสนเทศเครือข่ายไทย (ทีเอชนิค) ร่วมกับบริษัท บีเคนิคซ์ จำกัด จัดงาน BKNIX Peering Forum 2025 ระหว่างวันที่ 22-23 พฤษภาคม 2568 ณ โรงแรมแมงค็อก แมริออท มาร์คีส์ ควีนส์ปาร์ค กรุงเทพมหานคร ตอกย้ำบทบาทผู้นำด้านโครงสร้างพื้นฐานอินเทอร์เน็ตของประเทศ โดยมีผู้เชี่ยวชาญและผู้ให้บริการอินเทอร์เน็ตจากทั้งในและต่างประเทศ เข้าร่วมกว่า 350 คน

งาน BKNIX Peering Forum 2025 ถือเป็นเวทีสำคัญที่เปิดโอกาสให้ผู้ให้บริการอินเทอร์เน็ต หน่วยงานภาครัฐ ผู้เชี่ยวชาญด้านเทคนิค และผู้มีส่วนเกี่ยวข้องในอุตสาหกรรม ได้พบปะ แลกเปลี่ยนความรู้ และเสริมสร้างความร่วมมือเพื่อพัฒนาอินเทอร์เน็ตของภูมิภาคให้แข็งแกร่งยิ่งขึ้น

รองศาสตราจารย์ สุรศักดิ์ สงวนพงษ์ กรรมการมูลนิธิทีเอชนิค กล่าวในพิธีเปิดว่า “งาน BKNIX Peering Forum ดำเนินมาเป็นที่ 9 แล้ว ซึ่งตลอดมาเรามุ่งหวังให้งานนี้เป็นพื้นที่สำหรับการพบปะแลกเปลี่ยน เริ่มต้นจากกลุ่มเล็ก ๆ และค่อย ๆ เติบโตขึ้นจากความสนใจ และการมีส่วนร่วมอย่างต่อเนื่อง เราหวังว่างานในปีนี้จะเป็เวทีที่เปิดกว้างสำหรับการแลกเปลี่ยนความคิดเห็น เสริมสร้างความร่วมมือทางเทคนิค และช่วยยกระดับคุณภาพและประสิทธิภาพของระบบอินเทอร์เน็ต ทั้งในระดับประเทศและระดับภูมิภาค”

บีเคนิคซ์ ยังคงมุ่งมั่นพัฒนาการให้บริการในฐานะผู้ให้บริการจุดแลกเปลี่ยนข้อมูล อินเทอร์เน็ตแบบกลางของไทย โดยปัจจุบันมีสมาชิก Autonomous Systems (ASNs) ที่เชื่อมต่อ และแลกเปลี่ยนข้อมูลรวม 64 ราย และเคยมีปริมาณกราฟฟิกแตะระดับสูงสุดที่ 260 Gbps ซึ่งรวมถึงการเชื่อมต่อจากผู้ให้บริการ CDN ระดับโลกอย่าง Facebook, TikTok และล่าสุดในปีนี Google (AS15169) ช่วยให้การเข้าถึงเนื้อหาออนไลน์ของผู้ใช้ในประเทศมีความรวดเร็ว และเสถียรมากยิ่งขึ้น

นอกจากบริการจุดแลกเปลี่ยนกราฟฟิค บีเคนิคซียังให้บริการเสริมที่สำคัญแก่สมาชิก อาทิ Route Server, DNS, Looking Glass และบริการล่าสุดอย่าง ระบบเวลาความแม่นยำสูง หรือ High-Precision NTP ที่ได้รับการสนับสนุนจาก Seiko เพื่อยกระดับการซิงโครไนซ์เวลาของระบบเครือข่ายให้มีความแม่นยำในระดับสูง เพื่อรองรับการเติบโตของกราฟฟิคในอนาคต บีเคนิคซียังได้ขยายขีดความสามารถของระบบให้รองรับการเชื่อมต่อผ่านพอร์ต 400GE พร้อมขอบคุณ Nokia สำหรับการมอบอุปกรณ์สวิตช์รุ่นใหม่ ที่เสริมความมั่นคงของโครงสร้างพื้นฐานและรองรับการขยายตัวในระยะยาว อีกหนึ่งก้าวสำคัญคือการจัดตั้งจุดแลกเปลี่ยนข้อมูล อินเทอร์เน็ตแห่งแรกในจังหวัดเชียงใหม่ ซึ่งเกิดขึ้นได้ด้วยการสนับสนุนอุปกรณ์สวิตช์จาก APNIC ถือเป็น การขยายโครงข่ายสู่พื้นที่ภาคเหนือของประเทศอย่างเป็นทางการเป็นรูปธรรม

ทั้งนี้ บีเคนิคซียังได้แสดงให้เห็นถึงความมุ่งมั่นในการเสริมสร้างความมั่นคงของระบบ อินเทอร์เน็ตผ่านแนวคิดด้าน Internet Resilience โดยการขยายโครงข่ายให้มีจุดเชื่อมต่อ หลายโหนด (multi-node architecture) เพื่อให้สมาชิกสามารถเชื่อมต่อได้จากหลายสถานที่ ช่วยลดความเสี่ยงจากความขัดข้องในจุดเดียว (single point of failure) และเพิ่มความยืดหยุ่น ในการรับส่งข้อมูล ทั้งนี้ สมาชิกสามารถเชื่อมต่อที่โหนดที่สองได้โดยไม่มีค่าใช้จ่ายเพิ่มเติม ซึ่งเป็นการสนับสนุนให้เกิดระบบเครือข่ายที่กระจายตัวและมีเสถียรภาพสูงขึ้นในระดับประเทศ ปัจจุบันบีเคนิคซียังมีโหนดให้บริการในเขตกรุงเทพฯ รวมทั้งสิ้น 7 แห่ง

ขอขอบคุณองค์กรพันธมิตรที่ร่วมสนับสนุนการจัดงาน BKNIX Peering Forum 2025 อย่างอบอุ่น ได้แก่ ETIX Everywhere, Internet Society, Nokia, International Gateway, ReadyIDC, JPIX, Flexoptix, Symphony, NTT DATA, Equinix, Opendgear, ST Telemedia Global Data Centres, TCC Technology Group, APNIC, Google, AWS, BBIX, Telehouse, SG.GS, Seiko, ICANN, .TH และ NSRC

เกี่ยวกับ BKNIX

BKNIX เป็นศูนย์แลกเปลี่ยนข้อมูลอินเทอร์เน็ตที่เป็นกลาง (IXP) ตั้งอยู่ในประเทศไทย ให้บริการเป็นแพลตฟอร์มสำหรับผู้ให้บริการอินเทอร์เน็ต (ISP) ผู้ให้บริการเครือข่ายส่งข้อมูล เนื้อหา (CDN) และผู้ให้บริการเครือข่ายอื่น ๆ ในการแลกเปลี่ยนข้อมูลอินเทอร์เน็ต