



APIX meeting #26 (hybrid)

2022/09/12

APIX Steering Committee

Welcome to the APIX meeting #26!

Acknowledgement

- APNIC supports our activities like our previous meetings
- Meeting room and Zoom link is provided by courtesy of APNIC



Acknowledgement

- Continuous sponsorship from the Internet Society (ISOC)



Today's Agenda [SGT/UTC+8]

9:30-10:45 (75) Admin session (Toyama)

- **Role call**
- **APIX Update** - Steering Committee
 - Report on IXP support program with APNIC/APNIC-F/ISOC
 - Peering Asia 4.0
- **Benchmarking WG update** - Mike Gaertner (CNX)

10:45-11:00 [COFFEE BREAK]

11:00-12:30 (90) Tech session 1 (Masataka)

- **Tale of a New Bangladeshi NIX** - Md. Rashedul Hasan (Digicon Telecommunication)
- **LAC-IX update** - Gabriel Adonaylo (LAC-IX)
- **IXP updates**

12:30-14:00 [LUNCH]

14:00-15:30 (90) Tech session 2 (Abhi)

- **IXP Neutrality discussion** - Katsuyasu Toyama (JPNAP)
- **Datacenter services in India** - Nikhil Rathi (Webwerks)
- **Direct Cloud not Cloud Computing** - Vaibhav Bonde (DE-CIX India)

15:30-16:00 [COFFEE BREAK]

16:00-17:30 (90) Tech session 3 (Vijay)

- **Impacts of Internet traffic regulations to the IXP ecosystem** - Seiichi Kawamura (Google)
- **Equinix Internet Exchange Setup & Details** - Abhishek Kumar (Equinix Asia Pacific)
- **400GE Interoperability and Deployment Experiments at an Internet Exchange** - Jun Sugahara (JPNAP)

Wrap-up – Group photo



Report from Steering Committee

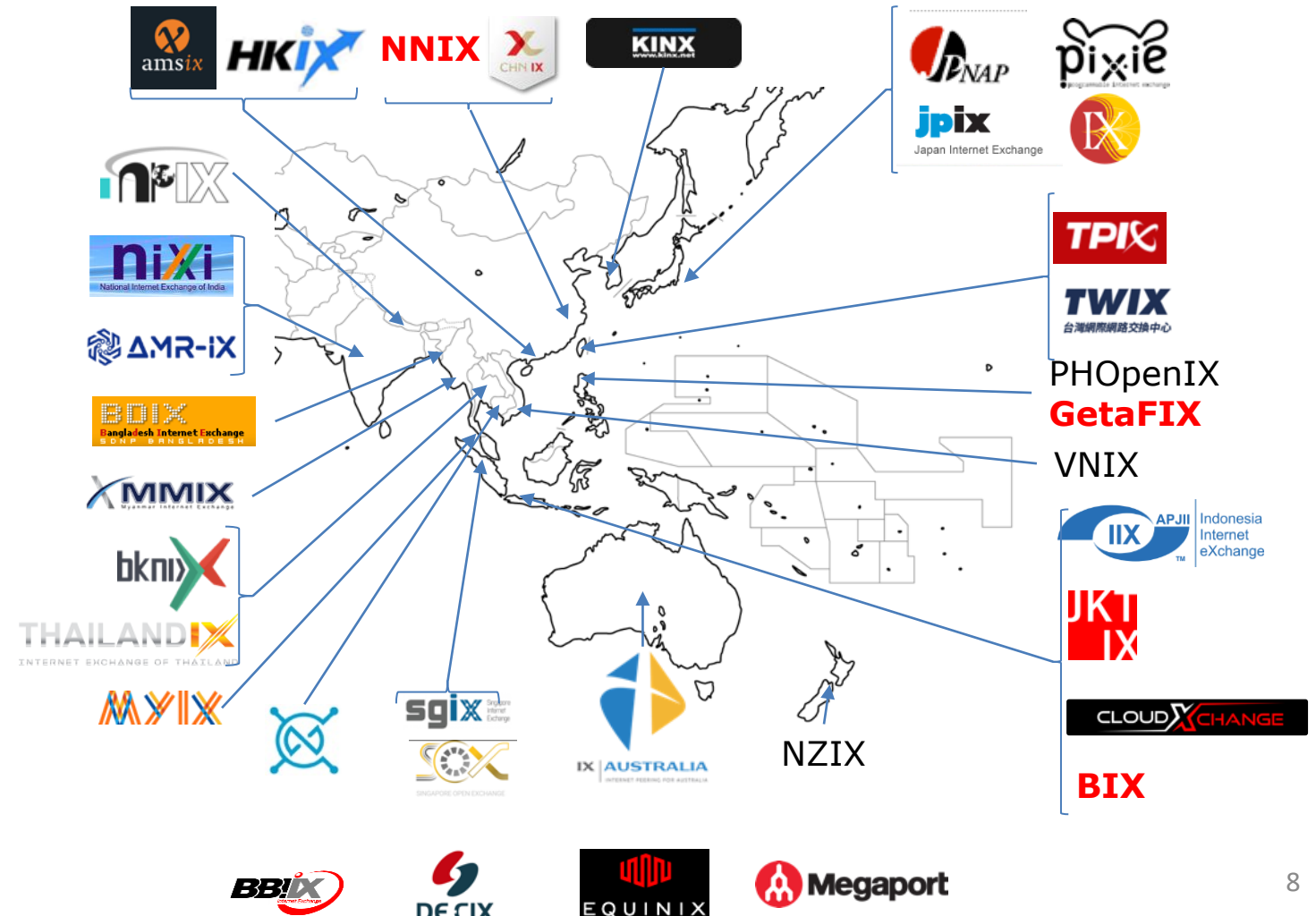
12 Sep 2022

APIX Steering Committee

UPDATE OF APIX MEMBERS

APIX Members

- **No new member**
- **Total 36 IXPs, from 18 countries and economies**
 - Australia, Bangladesh, Cambodia, China, Hong Kong, India, Indonesia, Japan, Korea, Malaysia, Myanmar, Nepal, New Zealand, Philippine, Singapore, Taiwan, Thailand, Vietnam



APIX members: 36

AMR-IX (IN)

AMS-IX Hong Kong (HK)

BBIX (HK/JP/SG/TH)

BDIX (BD)

BIX (ID)

BKNIX (TH)

CHN-IX (CN)

CNX (KH)

CXC (ID)

DE-CIX India (IN)

DE-CIX Malaysia (MY)

Dix-ie (JP)

Equinix AP (AU/HK/JP/SG)

GetaFIX (PH)

HKIX (HK)

IIX (ID)

IX Australia (AU)

JKT-IX (ID)

JPIX (JP)

JPNAP (JP)

KINX (KR)

Mega-IX (AU/HK/SG)

MM-IX (MM)

MYIX (MY)

NIXI (IN)

NNIX (CN)

NPIX (NP)

NZIX (NZ)

PhOpenIX (PH)

Ryukyu-IX (JP)

SGIX (SG)

SOX (SG)

TH-IX (TH)

TPIX (TW)

TWIX (TW)

VNIX (VN)

* IXP name changed: DE-CIX India (formerly MumbaiIX), DE-CIX Malaysia (formerly JBIX)

**STEERING COMMITTEE MEMBERS
AND ELECTION**

APIX Steering Committee FY2021

Roles	Name	Organization
Chairperson	Katsuyasu Toyama	JPNAP (JP)
Secretary	Arnold Nipper	DE-CIX India
Treasurer	Vijayakumar Sethuraman	Equinix(AU/HK/JP/SG)
Event manager	Abhishek Gautam	NIXI (IN)
Ops manager	Masataka Mawatari	JPIX (JP)



Arnold



Abhishek



Vijay



Masataka



Toyam

a

STEERING COMMITTEE ACTIVITIES

Steering Committee: Activities in Year 2021 (2H)

Reported in
Feb 2022

	Date	Consensus and Discussion Agenda
9	28-Sep-21	<ul style="list-style-type: none"> Review of APIX #24 about resolutions and survey result Discuss the support from ISOC
10	25-Oct-21	<ul style="list-style-type: none"> IXP development support in APAC region, by collaborating with APNIC, APNIC Foundation, and ISOC
11	24-Nov-21	<ul style="list-style-type: none"> Discuss applications of new membership Memorandum of Understanding by APNIC, APNIC Foundation, ISOC, and APIX Grant Agreement with ISOC (Establishing Legal Entity for APIX)
12	5-Jan-22	<ul style="list-style-type: none"> Started preparing APIX #25
13	8-Feb-22	<ul style="list-style-type: none"> Discussed the program of APIX #25
14	21-Feb-22	<ul style="list-style-type: none"> Discussed the program of APIX #25

Steering Committee: Activities in Year 2022 (1H)

	Date	Consensus and Discussion Agenda
1	2022-03-08	Guidance to new SC members, transfer tasks
2	2022-03-23	Assign a role to each SC member
		SC decided the next APIX meeting will also be collocated with APNIC (15 Sep 2022)
3	2022-04-27	Exploring the possibilities to assign email address with apix.asia to SC members
4	2022-05-31	SC changed the next APIX meeting is on 12 Sep 2022 which APNIC suggested, due to meeting room reservation
SP	2022-06-01	Strategy Meeting - how to increase the number of APIX members
		Started to make APIX#26 agenda
5	2022-07-05	Update on IXP support program by collaborating with APNIC/APNIC-F/ISOC
6	2022-08-10	Discuss the APIX#26 agenda
7	2022-08-31	Finalize the APIX#26 agenda

Important Achievements

- **Membership**
 - No new members in this term
- **IXP development support in APAC region**
 - To start a project to encourage and support to develop IXP in countries/economies in APAC region
 - Teaming up with APNIC, APNIC Foundation and ISOC
 - Projects:
 - Kiribati IX
 - MMIX (Myanmar)
- **APIX legal entity**
 - Supported by ISOC under the Grant Agreement
 - APNIC Foundation is supporting this activities

Important Achievements

- **Benchmarking WG**
 - WG members
 - Mike Gaertner (CNX), Raja Mohan Marappan (MyIX), Abhishek Gautam (NIXI)
Katsuyasu Toyama (JPNAP)
 - George Michaelson, Che-Hoo Cheng, Tashi Phuntsho, Sheryl Hermoso (APNIC)
 - First survey conducted
 - Mike of CNX will report today
- **Acknowledgement**
 - The first survey is supported by APNIC (“Survey monkey” fee)

Outstanding issues

- **Increasing APIX members (continuously)**
- **More beneficial activities to APIX members**
 - Benchmarking and feedback to APIX members
 - Supporting the IXP development in APAC
 - Designing and executing the process, collaborating with other organizations
 - Establishing a legal entity

PEERING ASIA REPORT



Date: 2nd to 3rd Nov. 2022

*** Registration is now OPEN**

*** Call for Presentations is also OPEN**

Venue: Central World, Bangkok, Thailand

Hosted by Thailand IX and BBIX Thailand

Please mark on your calendar!!

Thank you!

Any questions and comments?

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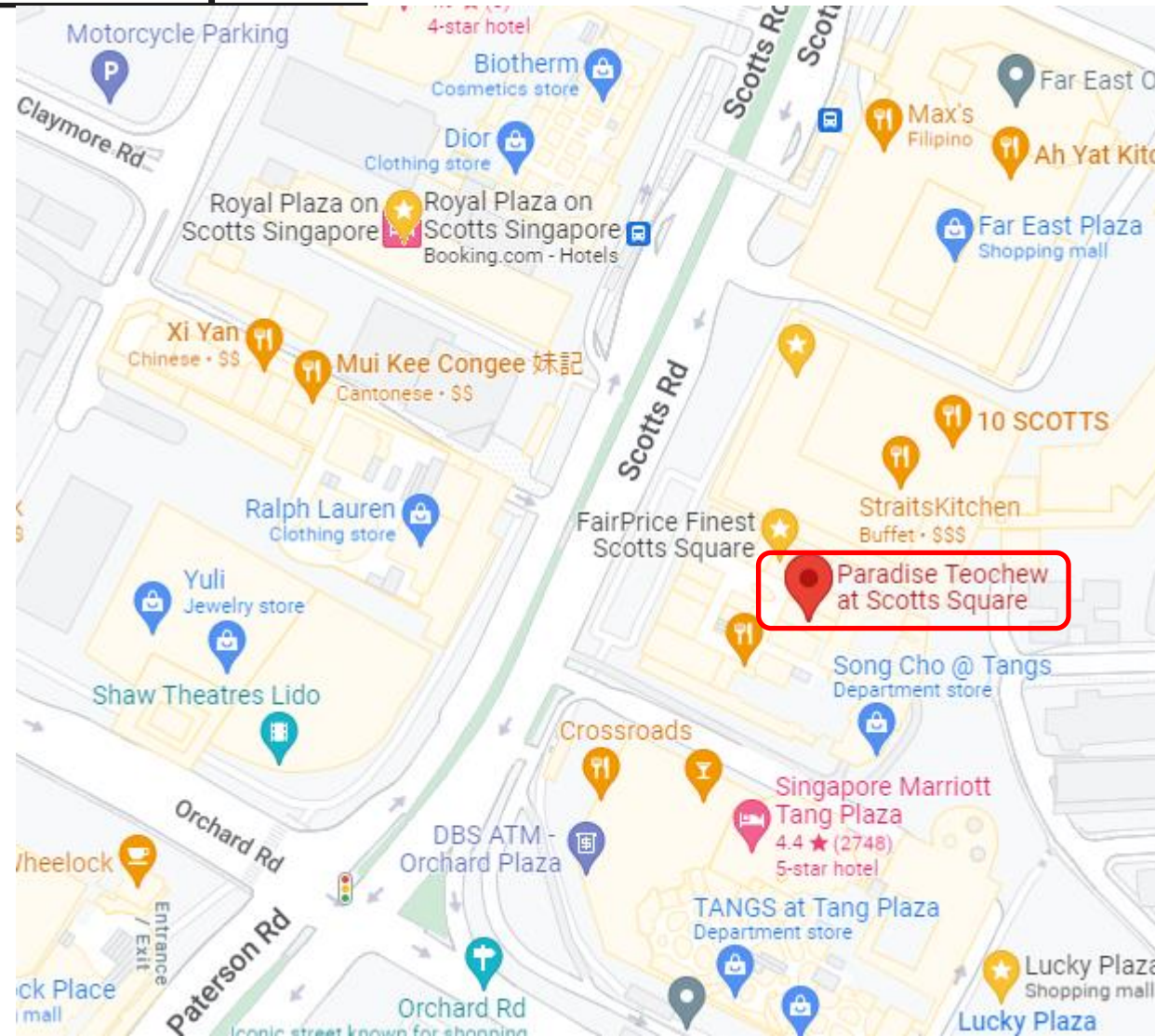
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APIX dinner

- Venue: Paradise Teochew at Scotts Square

- Address: 6 Scotts Road Scotts Square #03-04
Singapore 228209
Tel: [+65 6538 0644](tel:+6565380644)
- Time: from 7:00~



Next APIX meeting

- Sun 26th or Mon 27th February 2023
 - along with APRICOT2023 @ Manila, Philippine (27 Feb to 2 Mar 2023)
- Please stay safe and healthy
- See you again at the next APIX meeting!

Thank you very much!

See you at the next APIX meeting!

