



APIX meeting #25 (online)

28/02/2022

APIX Steering Committee

Welcome to the APIX meeting #25!

Acknowledgement

- APNIC supports our activities like our previous meetings:
- Zoom link is provided by courtesy of APNIC



Acknowledgement

- Continuous sponsorship from the Internet Society (ISOC)





Report from Steering Committee

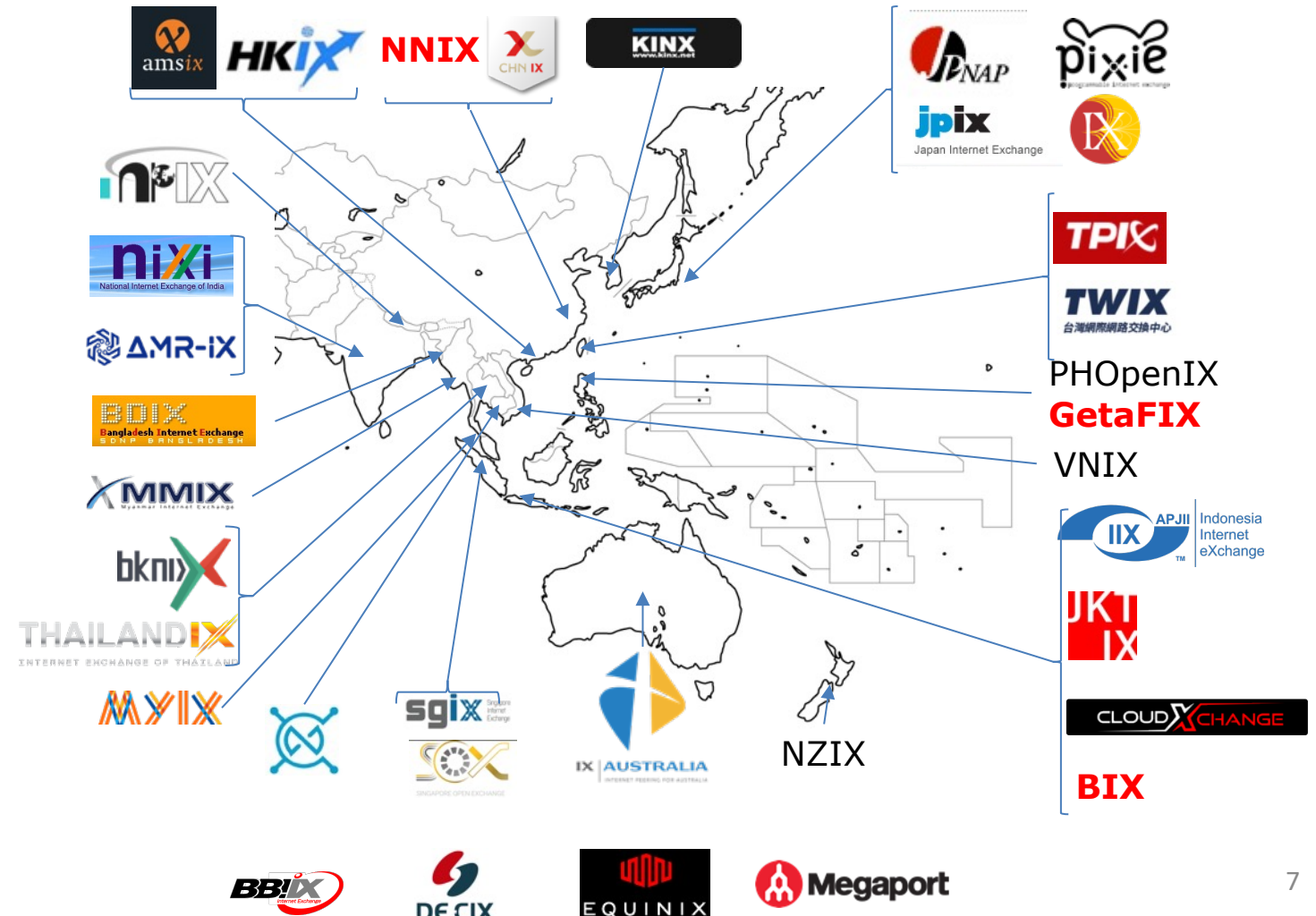
28 Feb 2022

APIX Steering Committee

UPDATE OF APIX MEMBERS

APIX Members

- **3 IXPs joined**
- **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

+3 since the last meeting

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

Role	Name	Organization
Chairperson	Katsuyasu Toyama	JPNAP (JP)
Secretary	Walt Wollny	DE-CIX Malaysia (MY)
Treasurer	Vijayakumar Sethuraman	Equinix(AU/HK/JP/SG)
Event Manager	Abhishek Gautam	NIXI (IN)
Operations Manager	Masataka Mawatari	JPIX (JP)



Walt



Abhishek



Vijay



Masataka



Toyama

APIX Steering Committee FY2021

Expired terms of office

Role	Name	Organization
Chairperson	Katsuyasu Toyama	JPNAP (JP)
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Walt



Abhishek



Vijay



Masataka



Toyama

Election of Steering Committee members

- **The election is managed by the Election Committee**
 - Election Committee is independent group of people from Steering Committee, for neutrality.
 - Election Committee
 - **Che-Hoo Chen** (APNIC)
 - **Kenrick Lin** (APNIC)
 - **Samantha Douglas** (APNIC)
- * They are all volunteers. Appreciate very much to their contribution!

STEERING COMMITTEE ACTIVITIES

Steering Committee: Activities in Year 2021 (1H)

Reported in
Sep 2021

	Date	Consensus and Discussion Agenda
1	18-Mar-21	Guidance to new SC members, transfer tasks
2	07-Apr-21	Assign a role to each SC member, Consensus on the revised IX-F MoU and the collaboration agreement with ISOC
3	28-Apr-21	Consensus in SC to move APIX mailing lists onto APNIC server
4	26-May-21	Consensus in SC to ask APIX members to update their info
5	30-Jun-21	Starting the discussion on APIX#24 agenda
6	26-Jul-21	Consensus in SC to propose the Bylaws modification and the expense of our funds to General Meeting
7	18-Aug-21	Discuss the APIX#24 agenda
8	7-Sep-21	Finalize the APIX#24 agenda

Steering Committee: Activities in Year 2021 (2H)

	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

Important Achievements

- **Membership**
 - 3 new members joined!
 - BIX (ID), GetaFIX (PH), and NNIX (CN)
- **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
- **Grant Agreement with ISOC**
 - ISOC's support for APIX legal entity

Important Achievements

- **Benchmarking ad-hoc group**
 - Volunteers
 - Mike Gaertner (CNX), Raja Mohan Marappan (MyIX), Katsuyasu Toyama (JPNAP)
 - George Michaelson, Che-Hoo Cheng, Tashi Phuntsho, Sheryl Hermoso (APNIC)
 - Objective
 - Through the survey, to collect data for the benchmarks to compare with other IXPs and their best current practices
 - Meetings
 - 5 meetings on 19 Jan, 28 Jan, 4 Feb, 14 Feb, 21 Feb 2022
 - Achievement
 - The first survey questionnaire completed
- **Strongly encourage to join the survey and to give feedback to us**
- 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



Peering Asia 2021v

4:00am-9:00am on Tue 9 Nov. 2021

Peering Asia 2021v

- Conference
 - Tool: Zoom Webinar (courtesy by APNIC)
 - Registered: 316, Attended: 229, Attendance rate = 72%
- Online social party
 - Tool: Spatial.Chat
 - Attended: 20-30

Peering Asia 2021v -- Program

Time UTC	Program	Speaker
4:00-4:10	Opening remarks	Katsuyasu Toyama (Peering Asia WG)
	Session Chair: Cong Jen (Peering Asia WG)	
4:10-4:30	Little-Known IXPs in Asia Pacific	Che-Hoo Cheng (APNIC)
4:30-5:00	Internet/Peering Landscape in Bangladesh	Sumon Ahmed Sabir (Fiber@Home)
	Break (5 min)	
	Session Chair: Kams Yeung (Peering Asia WG)	
5:00-5:30	Ph Internet landscape -- Infrastructure Perspective : 2020 BC -Before Covid	Achie Atienza (Globe Telecom)
5:30-6:00	Observation on Facebook outage	C F Chui (Kentik)
6:00-6:30	New CT Peering Policy with CTGNet AS23764	Edmund Cheung (China Telecom Global)
	Break (5 min)	
6:30-7:00	Peering Personals (ISP/CDN/CSP -- ASN holders)	MC: Katsuyasu Toyama (Peering Asia WG)
7:00-7:30	Peering Infra Personals (IXP&DC)	MC: Takanori Furushio (Peering Asia WG)
7:30-7:40	Closing Remarks	Satoru Tsurumaki (Peering Asia WG/4.0 host)

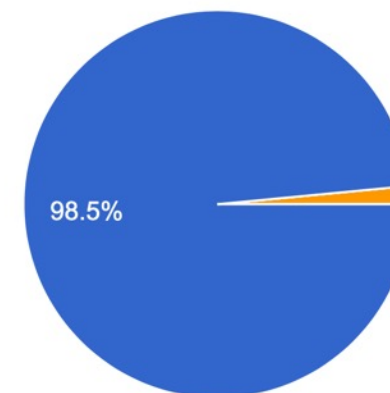
Survey result of Peering Asia 2021v

- Survey: **66 responses** (229 attendees)
 - Overall ratings: Excellent 67%, Good 33%, Fair 0%, NotGood 0%
 - Future attendance: Yes= 98.5%

What is your overall evaluation of Peering Asia 2021v?



Will you attend future Peering Asia events?
66 responses



Peering Asia 4.0

- Date: 2nd to 3rd November 2022 (tentative)
- Place: Bangkok, Thailand
- Hosts: Thailand IX and BBIX Thailand



Hope to have it in person!

TODAY'S AGENDA

Today's Agenda [UTC]

2:00-3:15 (UTC) Session 1 (Chair: toyama)

- Greetings, Roll call
- Steering Committee member election
 - Nominees' speech
- Reports from Steering Committee
 - Steering Committee activities from Sep to Feb (Toyama)
 - Financial report (Vijay)
 - Project reports
- Close the Voting (3:15 UTC)

Group photo 1 (Screenshot 😊)

3:30-4:30 (UTC) Session 2 (Chair: Abhishek)

- Result of Steering Committee election
 - Election Committee
- Benchmarking and its explanation of the questions
 - Mike @ CNX,
- IXP development support by APNIC/APNIC Foundation/ISOC/APIX collaboration
 - Toyama@APIX
 - Duncan@APNIC Foundation (10min-15min)
- Proposal: New Working Groups

4:45-5:45 (UTC) Session 3 (Chair: Masataka)

- New APIX members introduction
 - BIX (Biznet Internet Exchange)
 - GetaFIX
 - NNIX.cn
- NIXI's new plan to populate IX in Tier-2 cities
 - Abhi @ NIX
- Wrap-up

Group photo 2 (Screenshot 😊)

Next APIX meeting

- Sun 11th or Mon 12th September 2022
 - along with APNIC 54 (8 – 15 September)
- Please stay safe and healthy
- See you again at the next APIX meeting, hopefully in person!

Thank you very much!

See you at the next APIX meeting!

