

MMNOG 8
Mandalay

MMNOG and MMIX

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Sponsors

MMNOG & MMIX Forum 2026










































MMNOG

Myanmar Network Operators' Group (MMNOG) Forum

- Myanmar Network Operators' Group (mmNOG) is an informal group set up to provide an educational and operational forum for Internet network operators and interested professionals.
- Inspired by successful **Network Operators' Groups (NOGs)** around the world.
- APNIC supports the establishment and growth of NOG communities worldwide.
- MMNOG was previously organized by other organizations in 2015 and 2017, but the event was not continued thereafter.
- At APNIC's request, MMIX has been organizing the MMNOG Forum annually since 2020.

Some NOG Communities Around the World

- MMNOG – Myanmar
- SGNOG – Singapore
- THNOG – Thailand
- CambodiaNOG – Cambodia
- MYNOG – Malaysia
- PHNOG – Philippines
- IDNOG – Indonesia
- JANOG – Japan

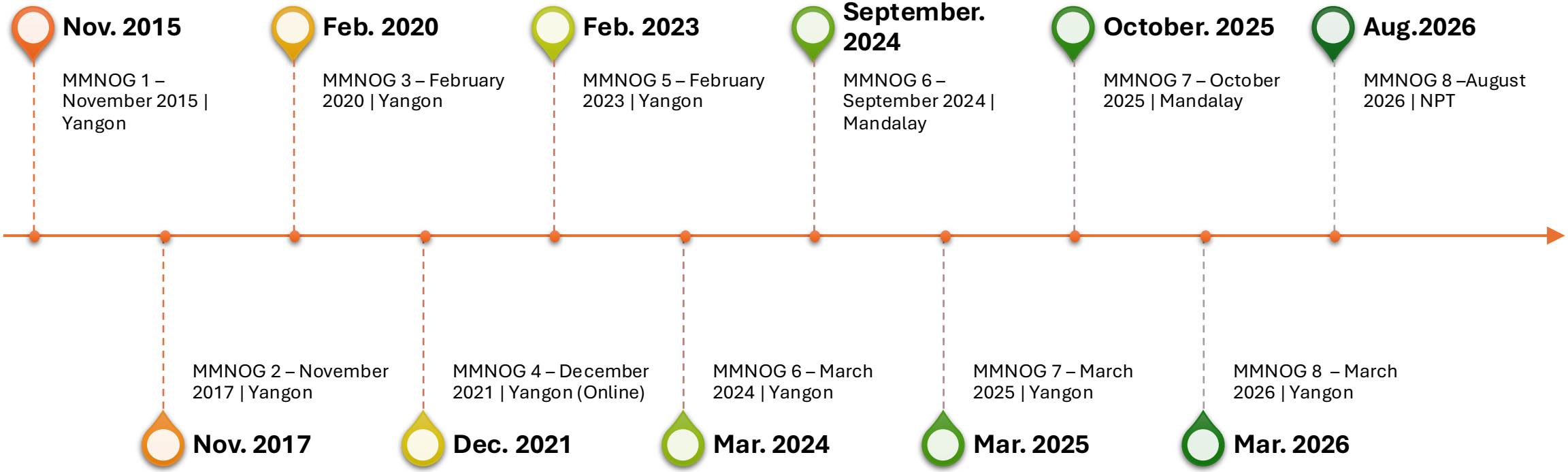








MMNOG Events History



MMNOG Passed Events



MMNOG 8: YGN

18-21, Mar 2026
Inya Lake HOTEL, Yangon, Myanmar



MMNOG 7

19 - 22 Mar 2025
Innya Lake HOTEL, Yangon, Myanmar



MMNOG 6: MDY

07 - 08 Sep 2024
Hotel Mandalay, Mandalay, Myanmar



MMNOG 6: YGN

13 - 15 Mar 2024
MICT Park, Yangon, Myanmar



MMNOG 5

14 - 15 Feb 2023
MICT Park, Yangon, Myanmar



MMNOG 7: MDY

23-24, Oct 2025
Yupar Mandalar Resort, Mandalay



MMNOG 4

15 Jan 2021
Online



MMNOG 3

13 - 17 Jan 2020
MICT Park, Yangon, Myanmar



MMNOG 2

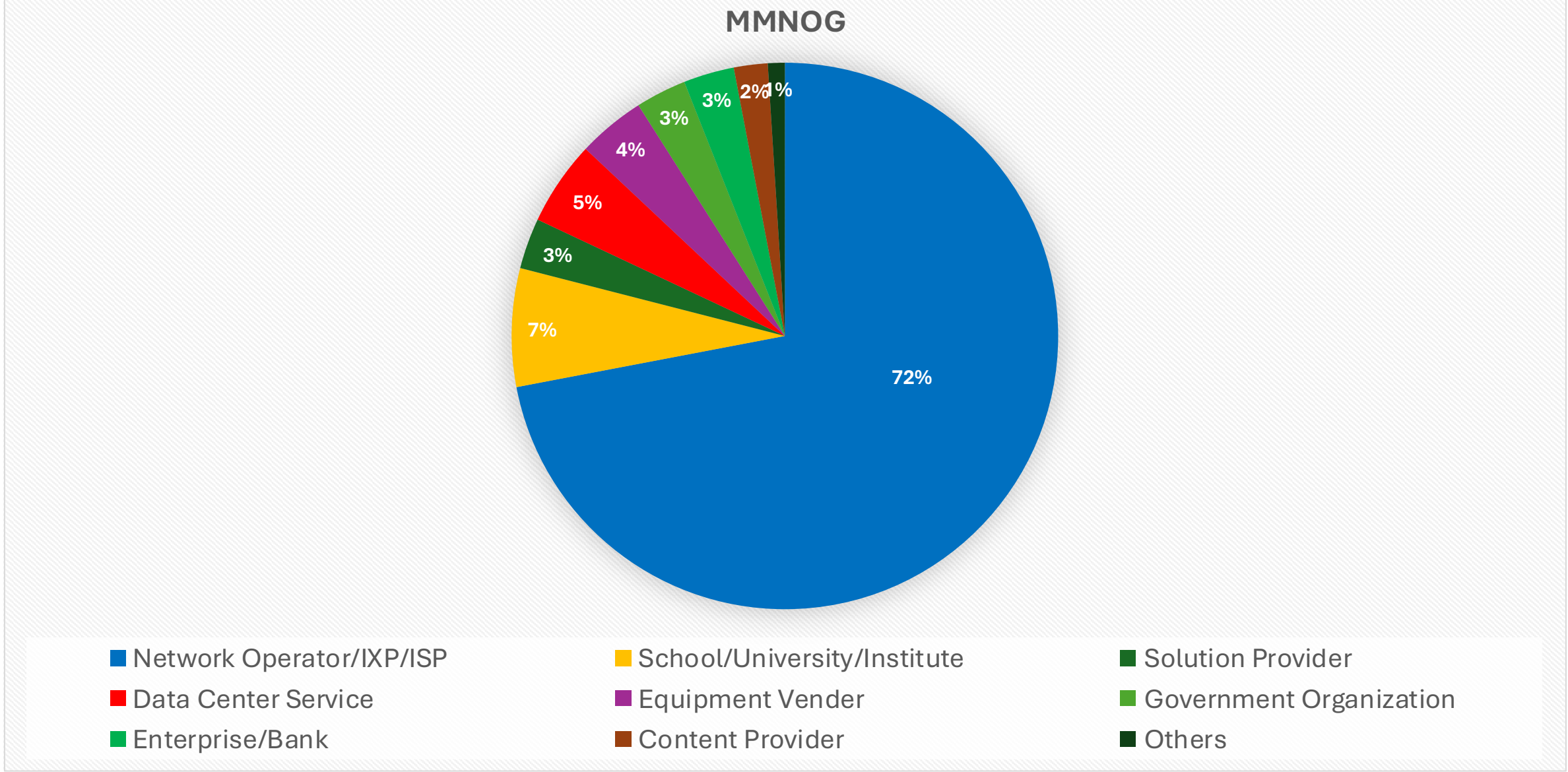
4 - 5 Mar 2017
Jasmine Palace Hotel, Yangon, Myanmar



MMNOG 1

21 - 22 Nov 2015
Jasmine Palace Hotel, Yangon, Myanmar

NOG Forum Attendees



Results we Achieved!

- Provide a platform for sharing knowledge, best practices, and technical expertise among network operators, engineers, and IT professionals in Myanmar
- Encourages collaboration to address technical challenges, share solutions, and strengthen the resilience and reliability of Myanmar's technical infrastructure.
- APNIC tutorials and technical sessions help participants:
  - Build new technical skills
  - Stay updated with industry trends
  - Enhance professional capabilities

International Organizations Supporting Internet Development

MMIX collaborates with several international organizations that support Internet infrastructure, Internet governance, capacity building, and technical community development.

- APNIC
- APNIC Foundation
- APRICOT
- Internet Society (ISOC) Foundation
- ICANN
- Team Cymru

APNIC (Asia Pacific Network Information Centre)

Regional Internet Registry (RIR) for the Asia-Pacific region. Responsible for managing and distributing Internet Number Resources.

- IP Addresses
- Autonomous System Number (ASN)

Why is APNIC Important?

ISPs, IXPs, Data Centers and Enterprises require:

- Public IPv4 / IPv6 addresses
- ASN allocation for BGP routing
- WHOIS Registration
- Reverse DNS Delegation
- Resource Certification (RPKI)
- Training & Certification



APNIC Foundation

Supports Internet development projects across the Asia-Pacific region.

Provides

- Infrastructure Grants
- Community Grants
- Research Grants
- Internet Development Projects

Other Activities

- Capacity Building
- Technical Training
- Internet Measurement Projects
- Community Development



APRICOT (Asia Pacific Regional Internet Conference on Operational Technologies)

The largest annual Internet operational conference in the Asia-Pacific region.

Organized every year in a different Asia-Pacific country.

Includes

- Technical Conference
- Tutorials
- Workshops
- APNIC Meeting
- Peering Sessions



Eligible participants from developing economies can apply annually for the APRICOT Fellowship Program to attend the conference and enhance their technical knowledge.

Internet Society (ISOC) Foundation

The **Internet Society (ISOC) Foundation** supports projects that strengthen Internet infrastructure, technical capacity, and community development worldwide.

Key Support

- Community Grants
- Technical Capacity Building
- Internet Development Projects
- Digital Inclusion Initiatives



ICANN (Internet Corporation for Assigned Names and Numbers)

Global organization responsible for coordinating the Internet's unique identifiers.

Responsibilities

- Domain Name System (DNS)
- Root DNS Servers
- Top-Level Domains (TLDs)
- IP Address Policy Coordination
- IANA Functions

Without ICANN,

- Domain names cannot function globally.
- DNS coordination would fail.
- Internet interoperability would be affected.



Team Cymru

A nonprofit organization supporting Internet security and routing sec

Provides

- BGP Security
- Bogon Route Lists
- IP Reputation Services
- Threat Intelligence
- DDoS Mitigation Support

Benefits to ISPs & IXPs

- Improve routing security
- Reduce malicious traffic
- Detect routing anomalies
- Enhance network resilience




MMIX

MMIX
Myanmar Internet Exchange

What is MMIX?

- Myanmar's first Internet Exchange Point (IXP).
- A not-for-profit, member-based association providing a secure, reliable, and neutral platform for Internet interconnection.



MMIX Brief

- Since Sept 2017.
- Total 59 Members
- Total Peering Members - 54
- Total connecting ASNs - 54
- Major Content - Akamai, Google GGC, Wangsu, Netflix, Mobile Legend, Kaopu, Tencent , Gcore, Zenlayer
- DNS – K-root, PCH (ccTLD), MMIX owned DNS
- Aggregate Traffic Peak – 340 Gbps
- Service available in Yangon, Mandalay, Naypyitaw, Tachileik

Data Centers of MMIX POP

True IDC, MICT Park, Yangon



OceanWave IDC, Mandalay



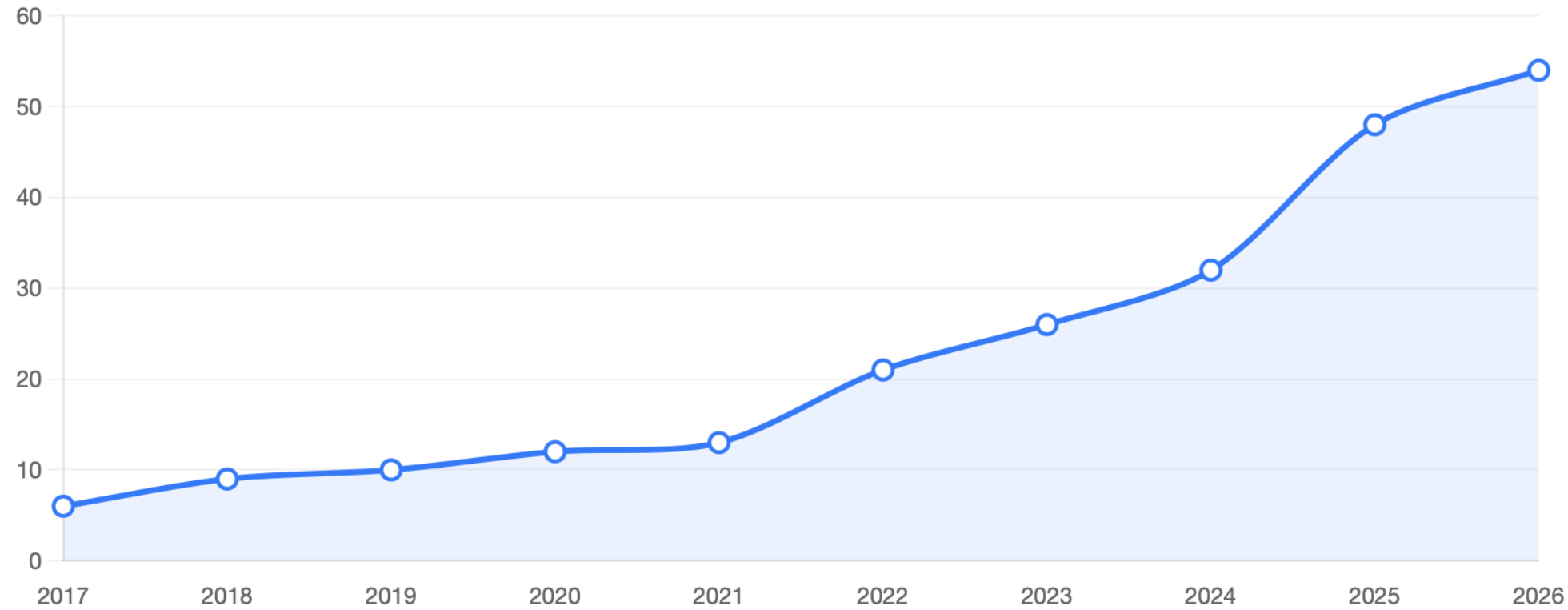
IT Spectrum IDC, Naypyidaw



Long Mao DC, Tachileik



Historical Members Growth



Thank you

Thein Myint Khine
MMIX

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