

# Thailand Internet Stats – APNIC View

BKNIX Peering Forum / ThaiNOG Day 2026

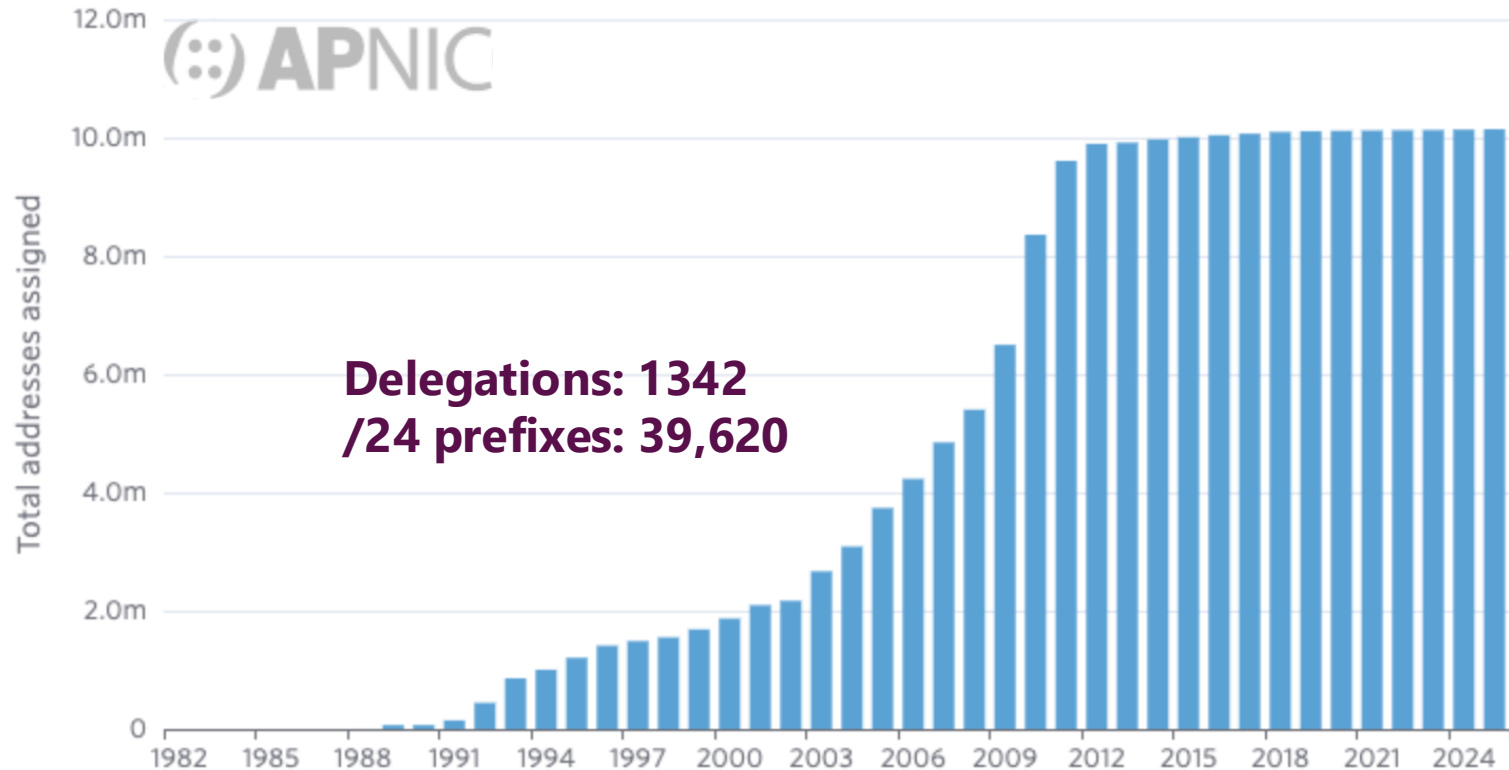
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APNIC



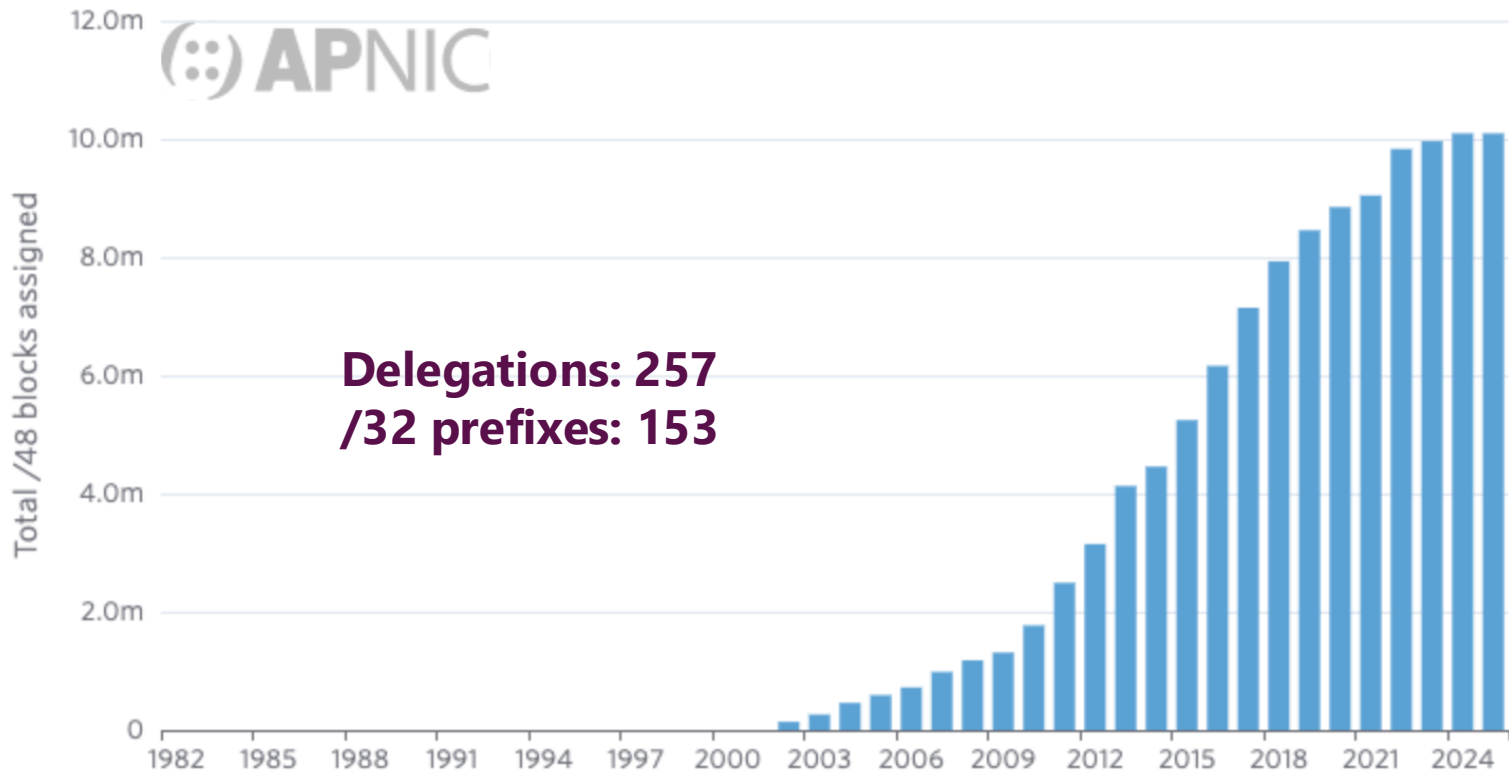
**APNIC is the Regional Internet address Registry (RIR) for the Asia Pacific region**

**Vision:**  
*"A global, open,  
stable and  
secure Internet"*

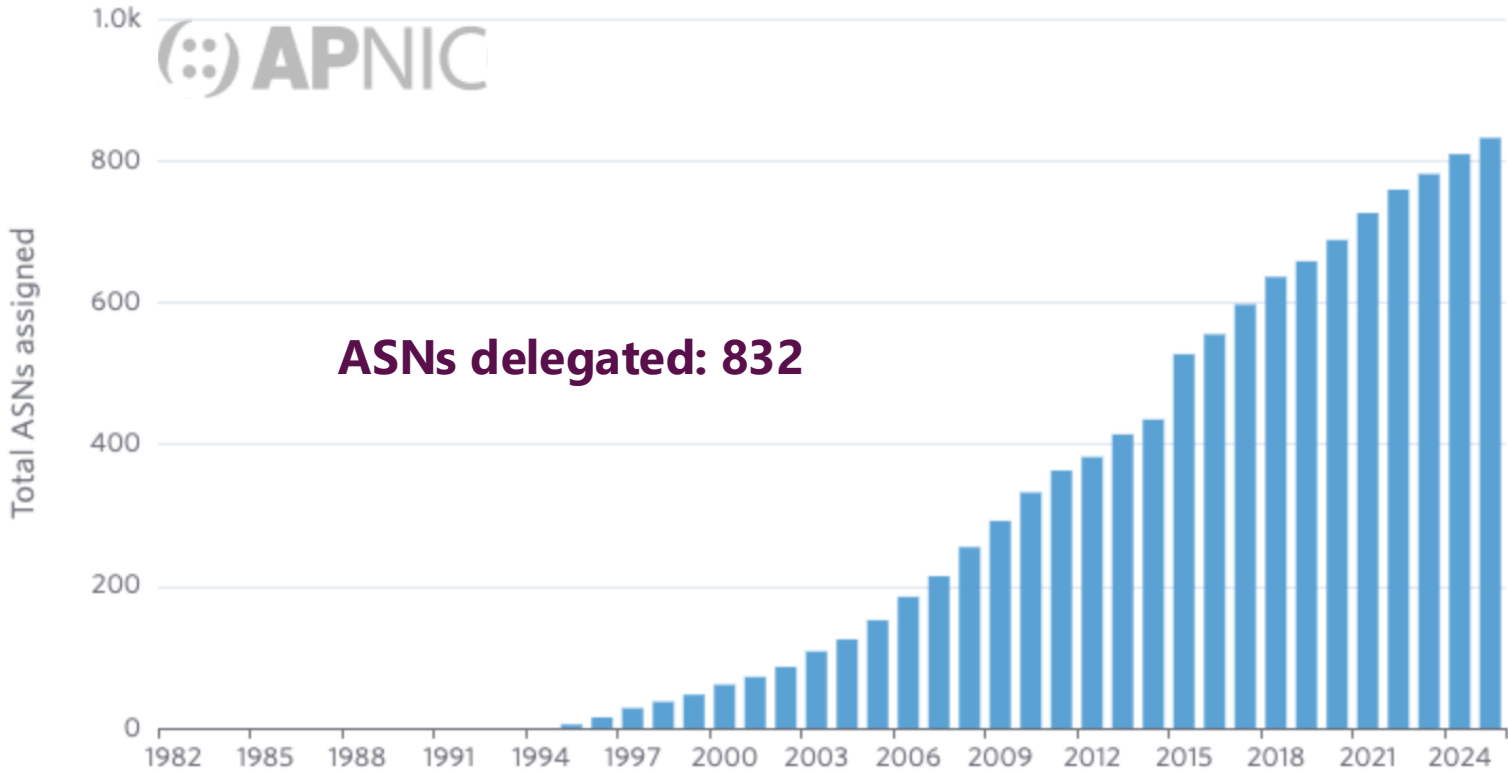
# Resource Delegation – IPv4



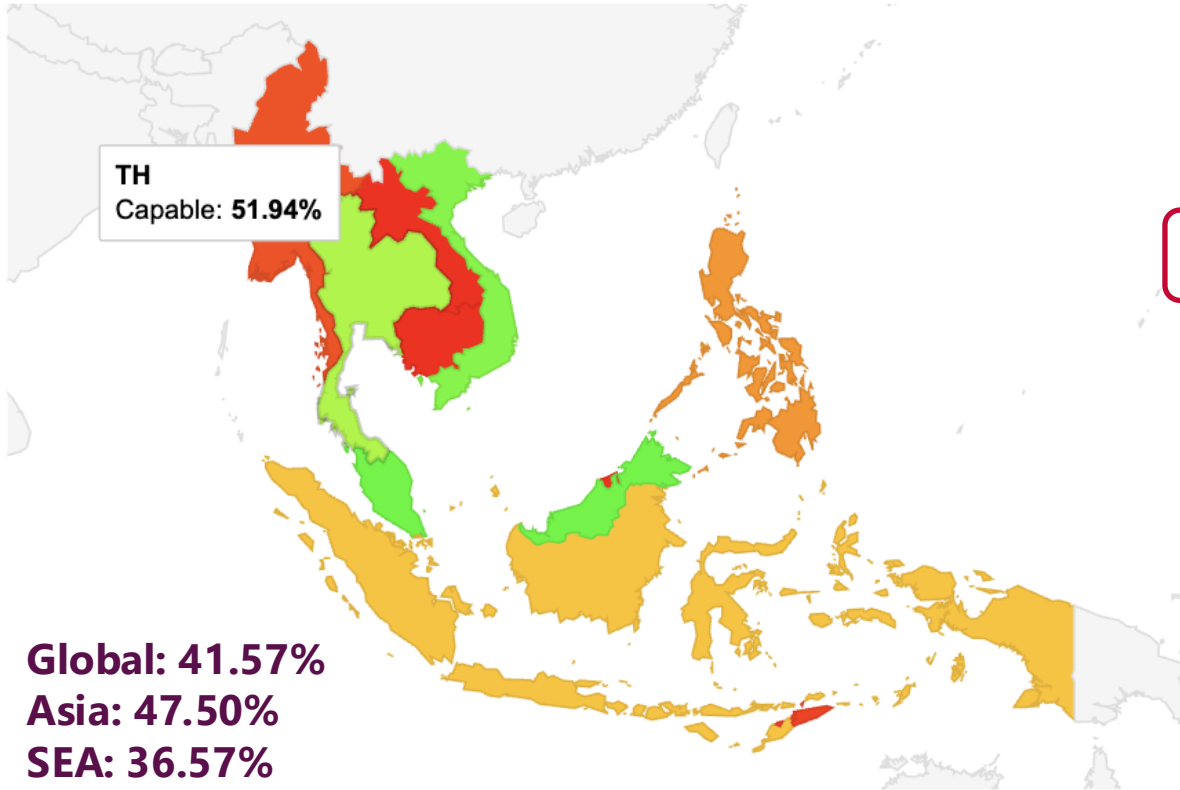
# Resource Delegation – IPv6



# Resource Delegation – ASN

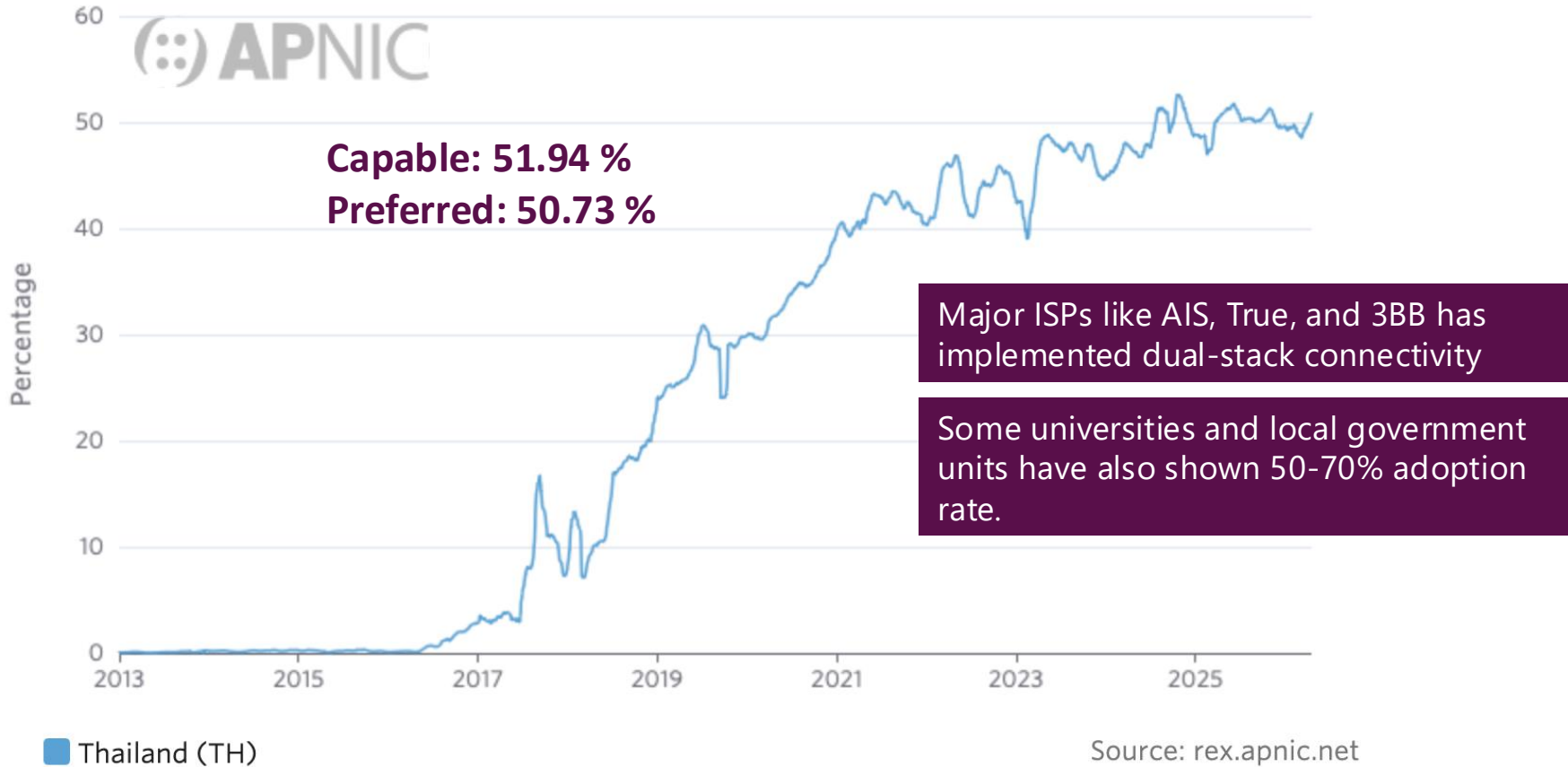


# IPv6 Deployment – South-East Asia



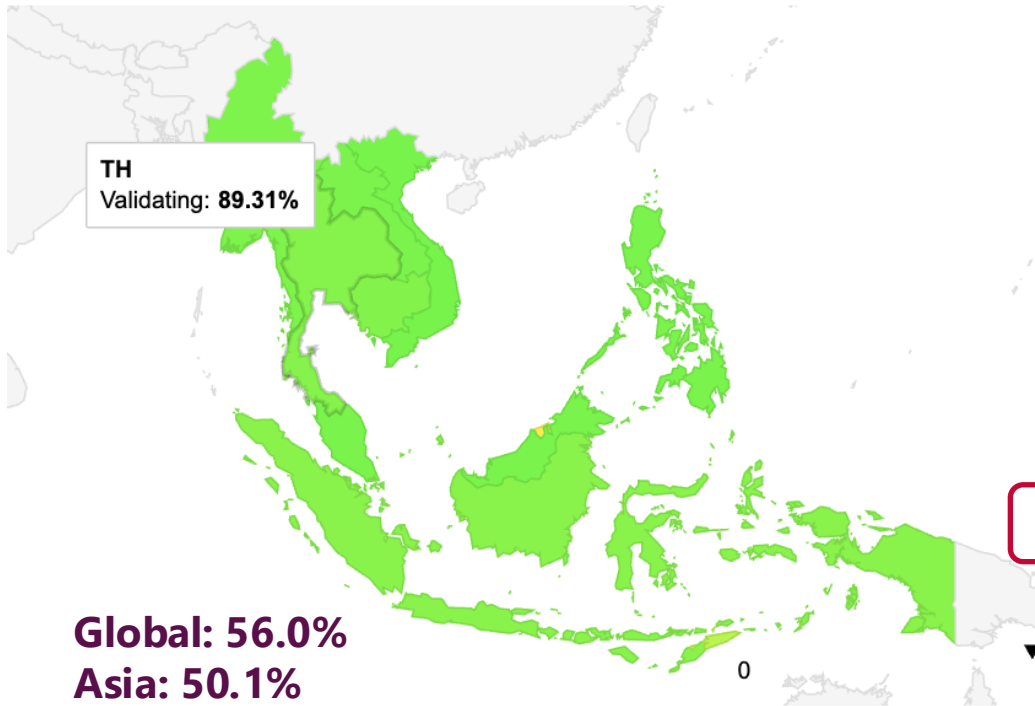
Economy	IPv6
Malaysia	71.64%
Vietnam	63.61%
<b>Thailand</b>	<b>51.94%</b>
Indonesia	28.31%
Singapore	28.17%
Philippines	21.22%
Myanmar	9.99%
Timor Leste	6.41%
Lao	0.09%
Brunei	0.09%
Cambodia	0.09%

# IPv6 deployment for Thailand (Capable)



Source: rex.apnic.net  
labs.apnic.net

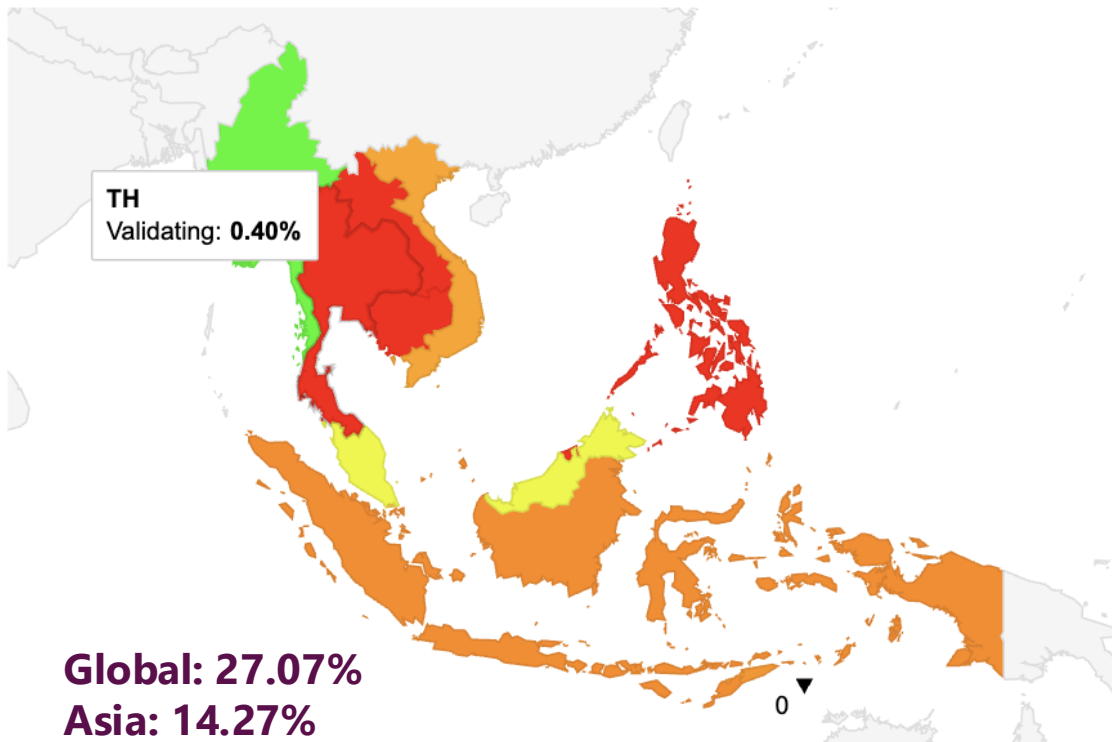
# ROA – Southeast Asia



**Global: 56.0%**  
**Asia: 50.1%**  
**SEA: 92.2%**

Economy	IPv4 Valid	IPv6 Valid
Vietnam	98.5%	72.0%
Malaysia	96.2%	75.3%
Philippines	95.9%	89.4%
Laos	95.2%	71.4%
Myanmar	93.4%	95.0%
Cambodia	90.8%	90.0%
Singapore	89.4%	64.4%
<b>Thailand</b>	<b>89.3%</b>	<b>63.2%</b>
Indonesia	87.6%	82.1%
Timor-Leste	70.0%	50.0%
Brunei	47.5%	0.0%

# Origin Validation – Southeast Asia



Economy	ROV
Myanmar	54.93%
Indonesia	29.78%
Singapore	22.91%
Vietnam	17.96%
Timor-Leste	16.16%
Indonesia	15.25%
Philippines	1.12%
Laos	1.12%
Cambodia	0.65%
<b>Thailand</b>	<b>0.40%</b>
Brunei	0.25%

# ROA coverage for Thailand (IPv6 Valid)



■ Thailand (TH)

Source: [rex.apnic.net](https://rex.apnic.net)  
[labs.apnic.net](https://labs.apnic.net)

# RPKI ROA – Thailand Snapshot

	Valid	Not-found	Invalid
IPv4	89.3%	10.5%	0.1%
IPv6	63.2%	35.3%	0.0%

# RPKI Invalids – Thailand Snapshot

	IPv4	IPv6
InvalidML	363	32
InvalidAS	10	0
InvalidASML	0	2

# ROV – Thailand

ASN	AS Name	RPKI Validates	Samples	V4 Validates	V4Count	V6 Validates	V6Count
AS135589	AS135589-9 - Internet Maekhong Network Company Limited	100.00%	361	100.00%	361	0.00%	0
AS9411	AS9411-163 - Kasetsart University	99.26%	135	99.26%	135	94.44%	18
AS394089	GCP-ENTERPRISE-USER-TRAFFIC - Google LLC	97.18%	71	100.00%	71	0.00%	2
AS16509	AMAZON-02 - Amazon.com, Inc.	95.04%	947	95.04%	947	100.00%	1
AS13335	CLOUDFLARENET - Cloudflare, Inc.	45.03%	151	45.03%	151	95.08%	61
AS21859	ZEN-ECN - Zenlayer Inc	4.35%	161	4.35%	161	0.00%	11
AS7693	COMNET-TH - KSC Commercial Internet Co. Ltd.	2.50%	80	2.50%	80	0.00%	1
AS152179	GCNL-AS-AP - GLOBAL COMMUNICATION NETWORK LIMITED	1.82%	55	1.82%	55	0.00%	0
AS9335	AS9335-87 - National Telecom Public Company Limited	1.50%	2,000	1.50%	2,000	100.00%	147
AS56309	AS56309-1014 - Siamdata Communication Co.,Ltd.	1.31%	7,401	1.32%	7,401	91.21%	91
AS58955	AS58955-588 - Bangmod Enterprise Co., Ltd.	0.77%	1,042	0.77%	1,042	50.00%	2
AS4750	AS4750-143 - CS Loxinfo Public Company Limited	0.71%	567	0.71%	567	0.00%	0
AS138915	KAOPU-HK - Kaopu Cloud HK Limited	0.68%	147	0.68%	147	100.00%	1
AS23969	AS23969-15 - TOT Public Company Limited	0.67%	66,004	0.67%	66,004	0.82%	488
AS24378	ENGAC-AS-TH-AP - Total Access Communication PLC.	0.46%	86,953	0.46%	86,953	44.23%	52
AS9931	AS9931-683 - National Telecom Public Company Limited	0.42%	4,296	0.42%	4,296	0.00%	7
AS7470	TRUEINTERNET-AS-AP - TRUE INTERNET Co.,Ltd.	0.40%	2,246	0.40%	2,246	83.33%	24

None of the major ISPs have implemented ROV yet



# Need Assistance?

- **We can help!** We support Internet development in the region through:
  - **Training** and capacity building
    - IPv6, Routing, RPKI, Network Security topics
  - Direct **Technical Assistance**
    - IPv6 deployment
    - Routing and BGP configuration
    - RPKI and ROA setup
    - Internet Exchange Points (IXP) support
    - Network security best practices



# Thank You!

