

Asia Pacific RPKI Update

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APNIC

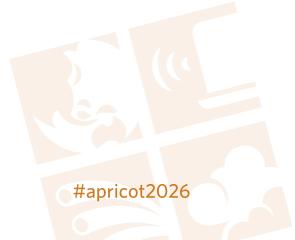


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APRICOT 2026
APNIC 61

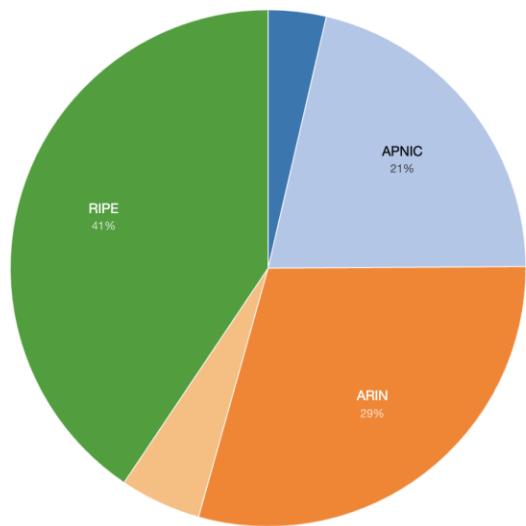
ROA Coverage



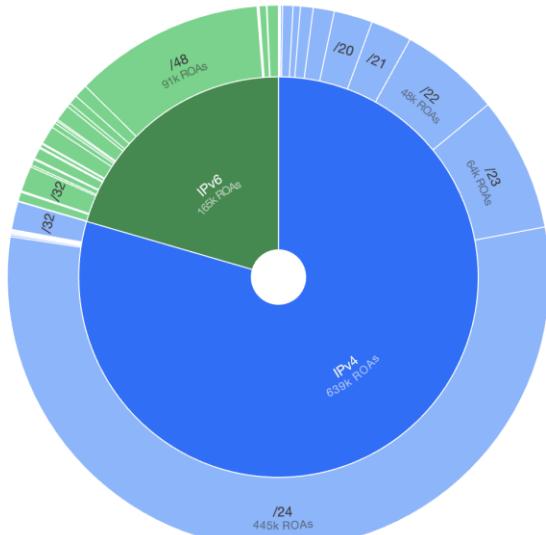
RPKI ROA Adoption

Found **803,735** ROAs in the global RPKI system.

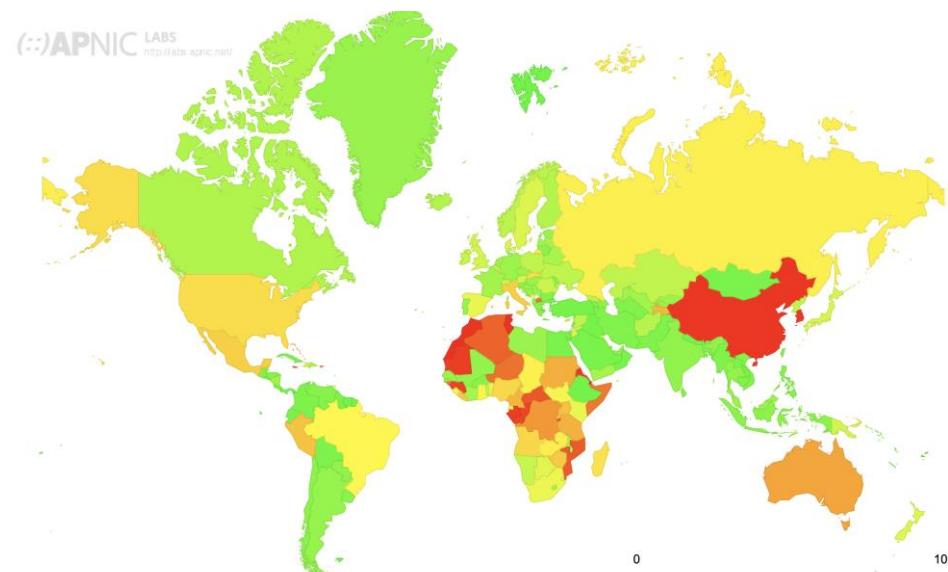
Trust Anchors



Prefix Max Length



RPKI ROA – Global Snapshot (IPv4)



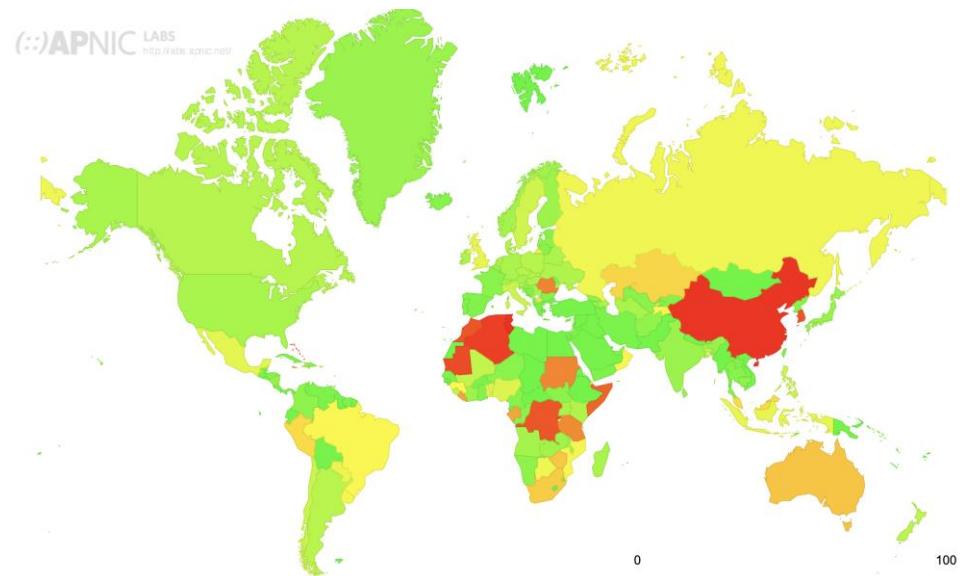
<https://stats.labs.apnic.net/roa>

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Region / RIR	Valid	Not-found	Invalid	Change since Feb 2025
Global	60.3%	37.7%	2.0%	Up by ~6%
AFRINIC	56.6%	41.4%	2.0%	Up by ~18%
APNIC	55.5%	43.9%	0.6%	Up by ~3%
ARIN	52.5%	46.6%	0.9%	Up by ~10%
LACNIC	66.6%	33.1%	0.3%	Up by ~5%
RIPE NCC	74.1%	20.6%	5.3%	Up by ~2%

<https://rpki-monitor.antd.nist.gov/ROV>

RPKI ROA – Global Snapshot (IPv6)



<https://stats.labs.apnic.net/roa>

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Region / RIR	Valid	Not-found	Invalid	Change in Valid ROAs since Feb 2025
Global	60.9%	36.1%	3.0%	UP by ~7%
AFRINIC	48.8%	49.8%	1.4%	UP by ~4%
APNIC	45.2%	51.4%	3.4%	UP by ~7%
ARIN	71.9%	25.6%	2.5%	UP by ~16%
LACNIC	59.3%	38.4%	2.3%	UP by ~4%
RIPE NCC	81.5%	15.1%	3.4%	UP by ~5%

<https://rpki-monitor.antd.nist.gov/ROV>

RPKI ROA – APAC Snapshot (IPv4)

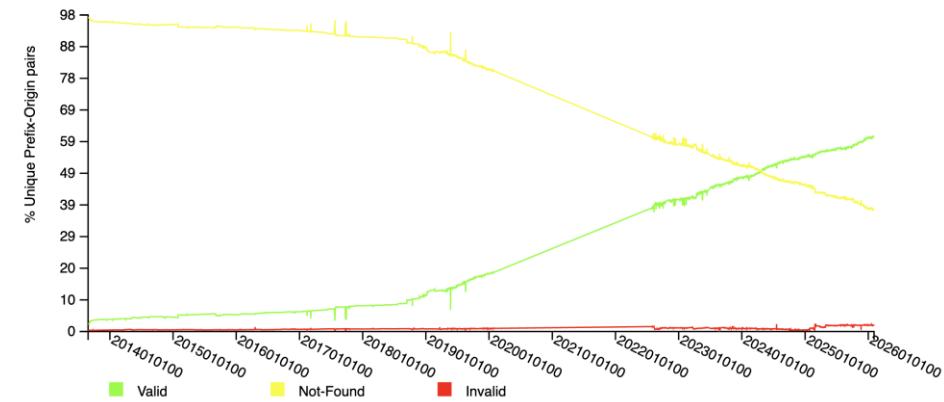
Region / RIR	Valid	Not-found	Invalid	Change in Valid ROAs since Feb 2025
Oceania	73.6%	26.3%	0.2%	UP by ~3%
East Asia	31.0%	68.4%	0.6%	UP by ~2%
South Asia	89.9%	9.8%	0.3%	UP by ~1%
Southeast Asia	92.4%	7.2%	0.4%	UP by ~12%

RPKI ROA – APAC Snapshot (IPv6)

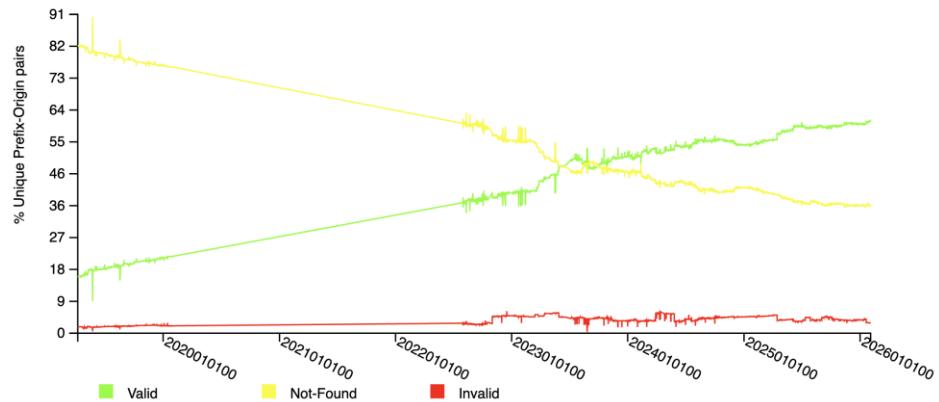
Region / RIR	Valid	Not-found	Invalid	Change in Valid ROAs since Feb 2025
Oceania	97.1%	2.8%	0.1%	Unchanged
East Asia	21.9%	78.1%	0.0%	DOWN by ~5%
South Asia	96.6%	2.2%	1.2%	Unchanged
Southeast Asia	78.7%	21.1%	0.2%	UP by ~5%

ROA Adoption – Global

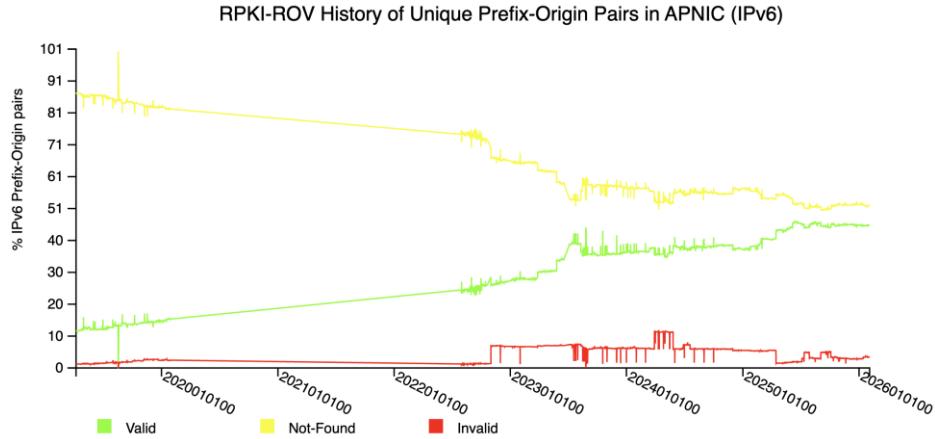
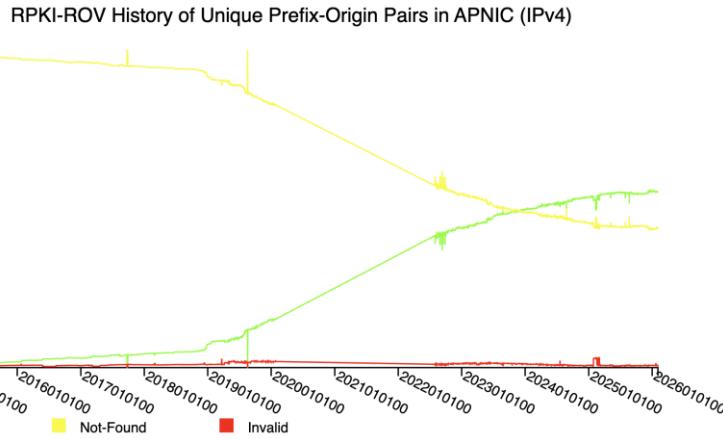
RPKI-ROV History of Unique Prefix-Origin Pairs (IPv4)



RPKI-ROV History of Unique Prefix-Origin Pairs (IPv6)



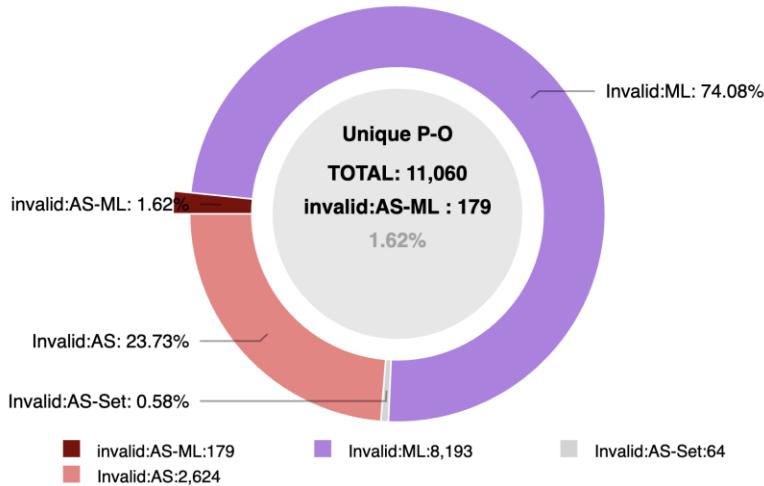
ROA Adoption – APAC



ROA Adoption – Global INVALIDs (IPv4)

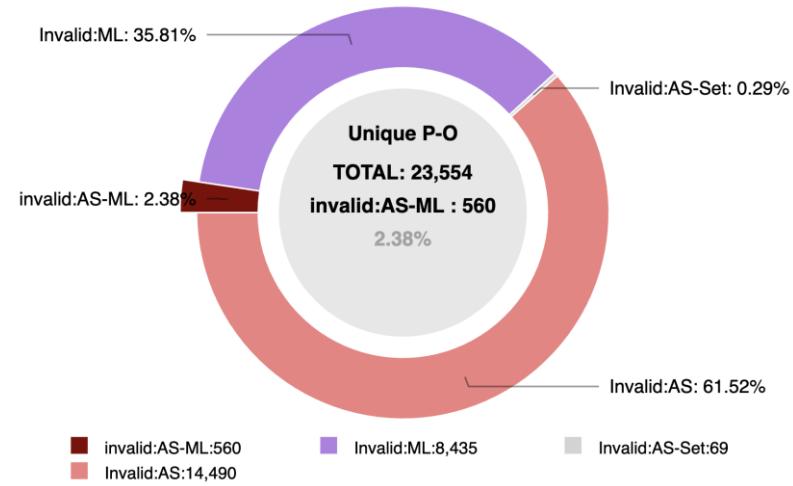
Feb 2025

Prefix-Origin Pairs Invalid by RPKI-ROV (IPv4)



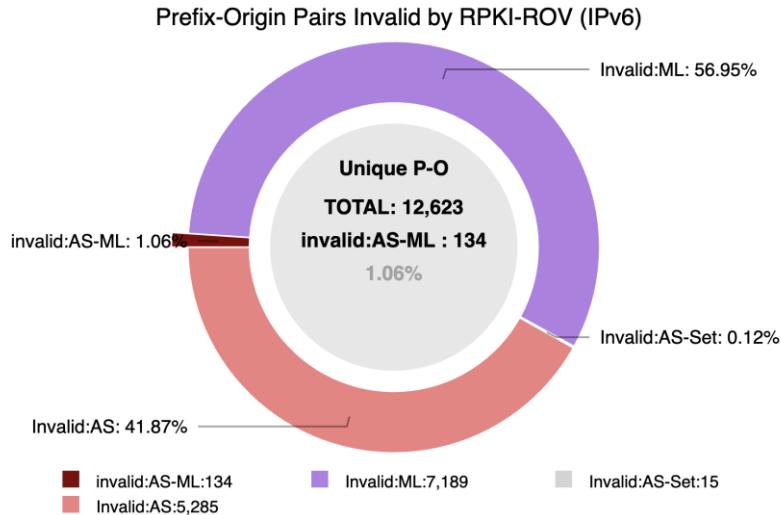
Feb 2026

Prefix-Origin Pairs Invalid by RPKI-ROV (IPv4)

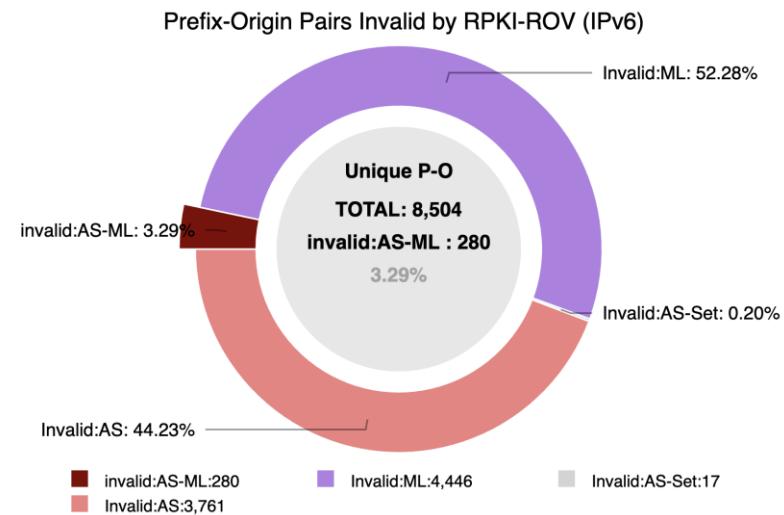


ROA Adoption – Global INVALIDs (IPv6)

Feb 2025

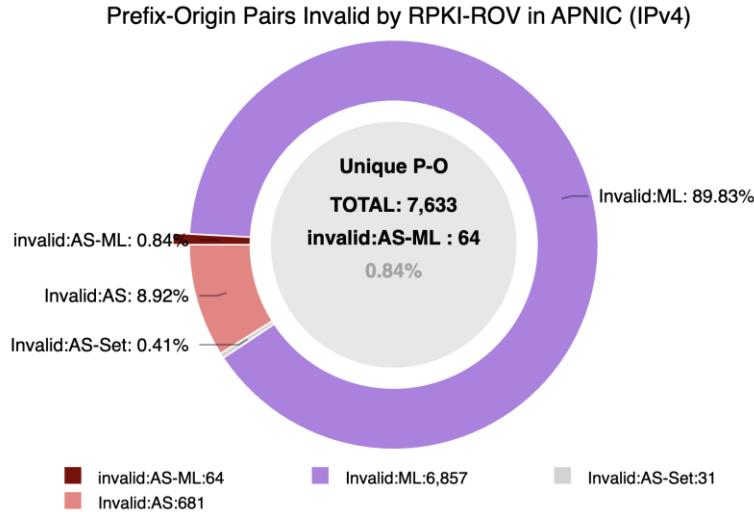


Feb 2026

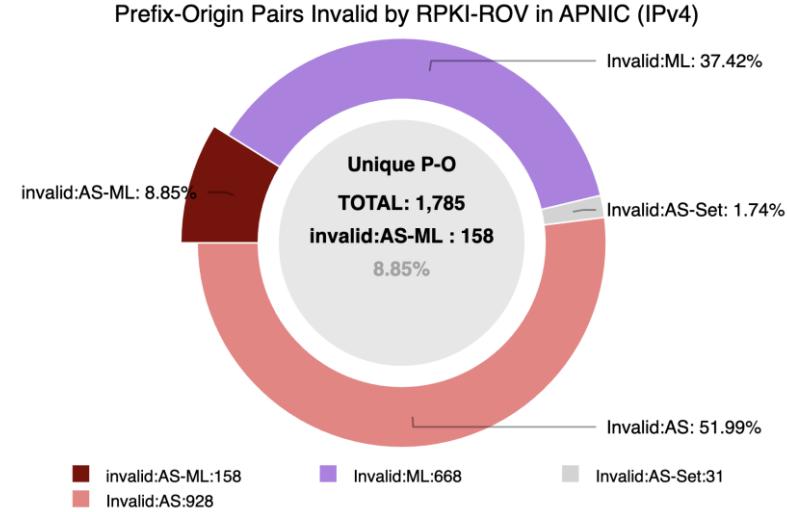


ROA Adoption – APAC INVALIDs (IPv4)

Feb 2025

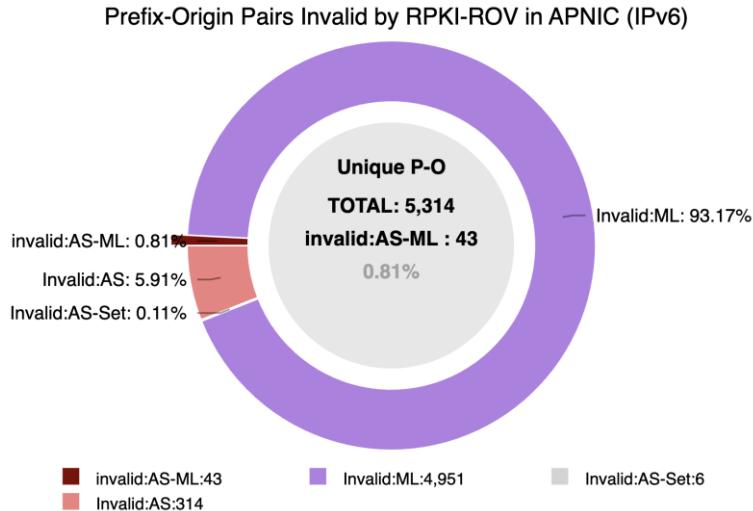


Feb 2026

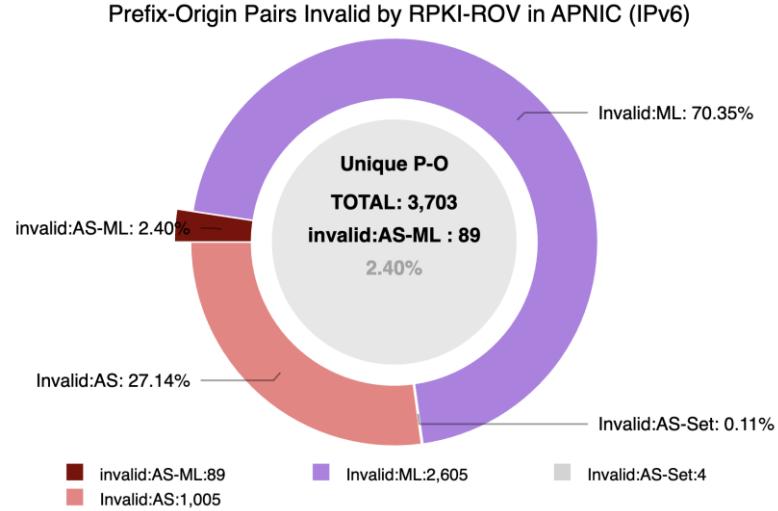


ROA Adoption – APAC INVALIDs (IPv6)

Feb 2025

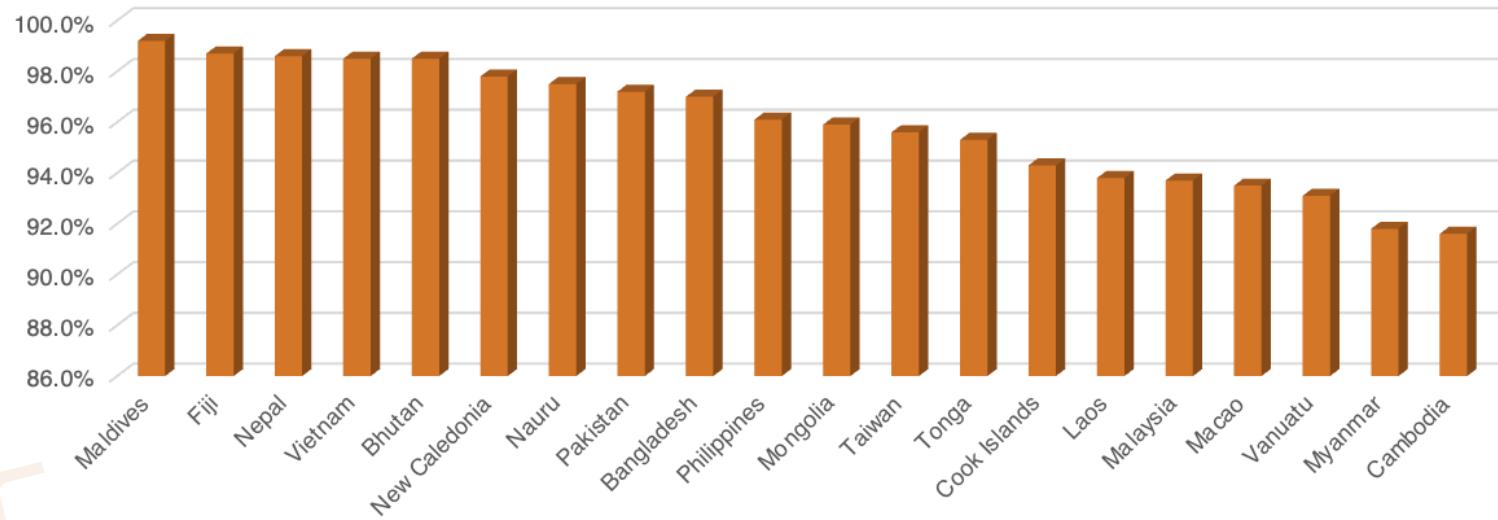


Feb 2026



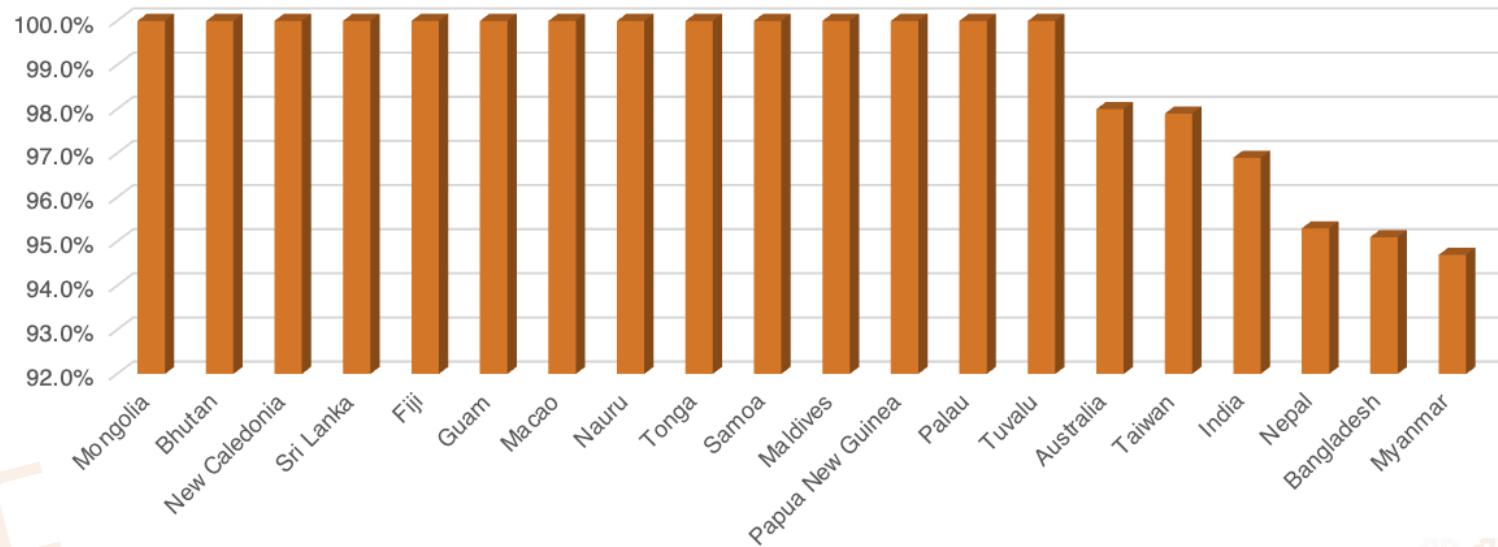
IPv4 ROA – APAC Top 20

IPv4 Valid ROA



IPv6 ROA – APAC Top 20

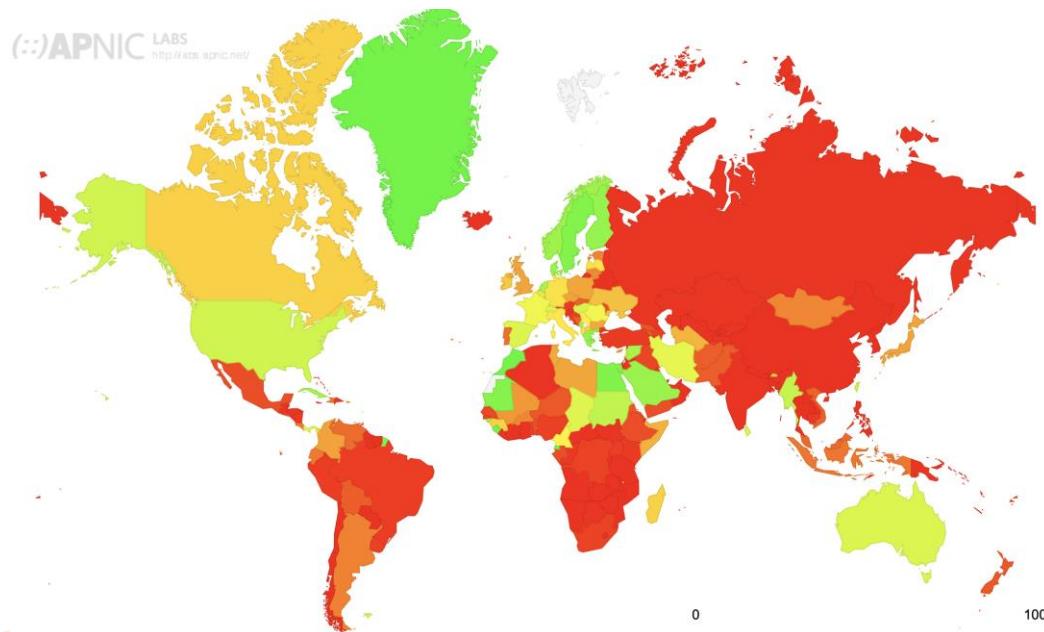
IPv6 Valid ROA



ROV – Dropping Invalids



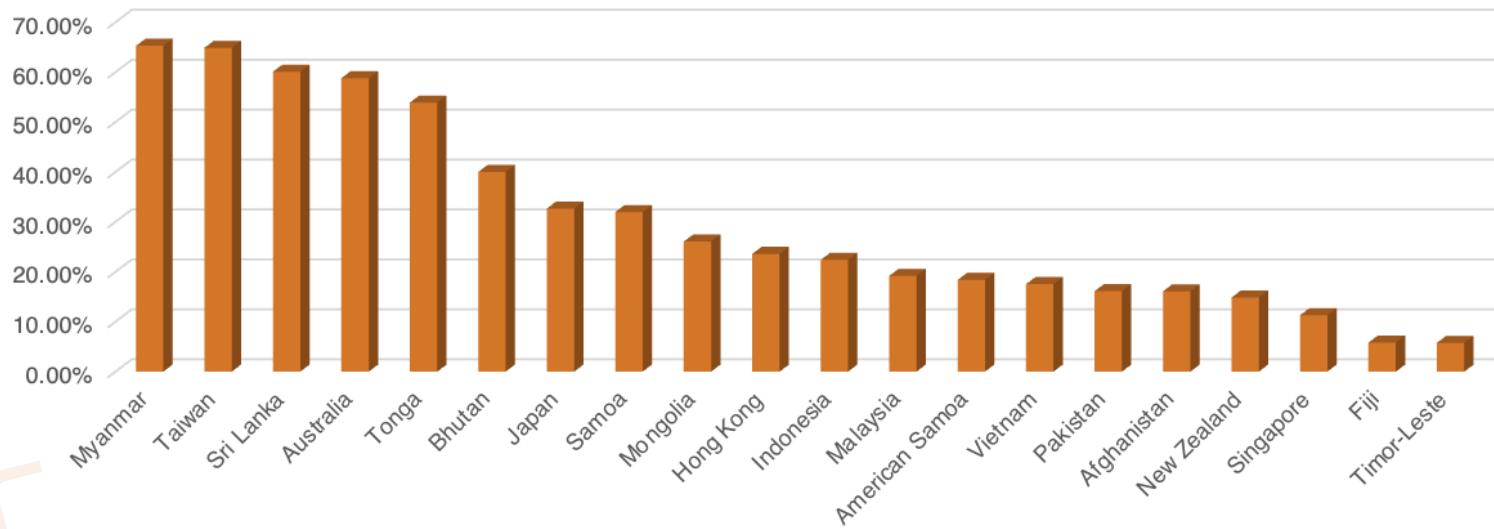
RPKI ROV – Global Snapshot



Region / RIR	ROV
Global	26.6%
ARIN	61.3%
RIPE	35.3%
AFRINIC	27.4%
LACNIC	13.9%
APNIC	13.2%

ROV – APAC Top 20

RPKI Origin Validation



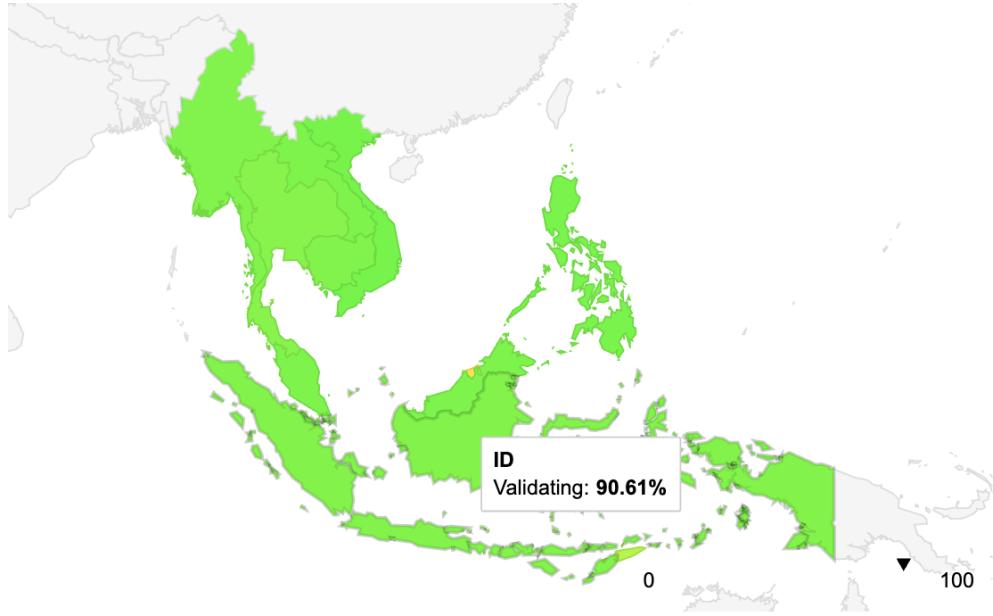
Spotlight SEA and Indonesia



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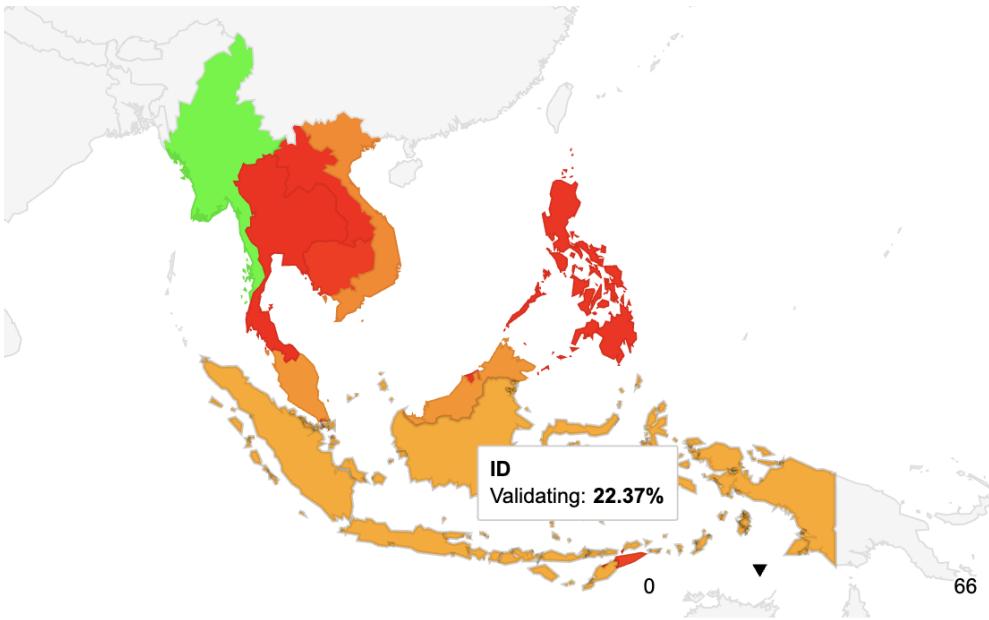


ROA – Southeast Asia



Economy	IPv4 Valid	IPv6 Valid
Vietnam	98.50%	68.8%
Philippines	96.10%	88.8%
Laos	93.80%	66.7%
Malaysia	93.70%	76.1%
Myanmar	91.80%	94.7%
Cambodia	91.60%	86.4%
Indonesia	90.60%	80.8%
Singapore	89.70%	74.2%
Thailand	88.10%	64.7%
Timor-Leste	71.10%	50.0%
Brunei	46.20%	0.0%

Origin Validation – Southeast Asia



Economy	ROV
Myanmar	65.28%
Indonesia	22.37%
Malaysia	19.17%
Vietnam	17.54%
Singapore	11.29%
Timor-Leste	5.77%
Cambodia	4.27%
Philippines	1.50%
Laos	0.62%
Brunei	0.43%
Thailand	0.32%

Questions?



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2026 APRICOT APNIC 61

JAKARTA, INDONESIA
4 – 12 February 2026

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