IPv6 Readiness Report

pos.com.my — pos.com.my

Scan to verify

Category: Enterprise • Generated: 30 Jul 2026, 07:49 MYT • Last Checked: 04 Jul 2026, 03:46 MYT • Verification ID: 1d60d969-1719-4a2c-8a12-eacad805d8f9
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/1d60d969-1719-4a2c-8a12-eacad805d8f9

✓
Compliant
MGv6C-1.0

92%
Fully IPv6 Ready

IPV6-ONLY READINESS
Website: ✓ **Ready**
DNS: ✓ **Ready**
Email: ✗ **Not Ready**

IPV6 ADDRESSES
2600:1411:a000:e::172d:b00a
2600:1411:a000:e::172d:b021

IPV4 ADDRESSES
23.62.212.39
23.62.212.40

Network Information (WHOIS / RDAP)

	IPv6 Network	IPv4 Network
Organization	Akamai Technologies, Inc.	Akamai Technologies, Inc.
Country	US	US
ASN	AS20940	AS20940
ASN Name	AKAMAI-ASN1 - Akamai International B.V., NL	AKAMAI-ASN1 - Akamai International B.V., NL
Network (CIDR)	2600:1400::/24	23.32.0.0/11

Web Services (35%) — 8 / 8

#	CHECK	RESULT	DETAIL
1	**AAAA Record**	**PASS**	2600:1411:a000:e::172d:b00a, 2600:1411:a000:e::172d:b021
2	**Globally Routable IPv6**	**PASS**	All addresses are globally routable.
3	**HTTP over IPv6**	**PASS**	HTTP (port 80) responds over IPv6 — 42ms TTFB.
4	**HTTPS over IPv6**	**PASS**	HTTPS (port 443) responds over IPv6 — 45ms TTFB.
5	**IPv6-Only Reachability**	**PASS**	Site is fully reachable via IPv6-only.
6	**TLS Certificate Valid (IPv6)**	**PASS**	Certificate valid — issued by C = US, O = DigiCert Inc, CN = DigiCert Global G3 TLS ECC SHA384 2020 CA1, expires Nov 12 23:59:59 2026 GMT
7	**Dual-Stack (IPv4 + IPv6)**	**PASS**	Domain has both A and AAAA records.
8	**HTTP/3 (QUIC)**	**PASS**	Alt-Svc: h3 header detected.

DNS & DNSSEC (25%) — 5 / 5

#	CHECK	RESULT	DETAIL
1	**NS Has AAAA Record**	**PASS**	Nameserver has IPv6 address.
2	**NS Reachable via IPv6**	**PASS**	Nameserver is reachable via IPv6 on port 53.
3	**NS Answers Queries via IPv6**	**PASS**	DNS queries answered over IPv6.
4	**DNSSEC Validated**	**PASS**	DNSSEC fully validated.
5	**Reverse DNS (PTR)**	**PASS**	PTR record found in ip6.arpa.
6	**DS Record at Parent**	**PASS**	DS record found at parent zone.

#	CHECK	RESULT	DETAIL
7	**RRSIG Valid**	PASS	RRSIG signatures are current and valid.
8	**Signing Algorithm**	INFO	RSASHA512

Email Services (25%) — 4 / 6

#	CHECK	RESULT	DETAIL
1	**MX Record Exists**	PASS	MX record found.
2	**MX Server Has IPv6**	PASS	MX server has AAAA record.
3	**SMTP Reachable via IPv6**	FAIL	SMTP is not reachable over IPv6.
4	**STARTTLS over IPv6**	FAIL	STARTTLS not available over IPv6.
5	**SPF Record**	PASS	SPF record found.
6	**DKIM Selector**	INFO	DKIM selector found: selector1._domainkey
7	**DMARC Record**	PASS	DMARC record found.

IPv4 Baseline (15%) — 3 / 3

#	CHECK	RESULT	DETAIL
1	**A Record**	PASS	23.62.212.39, 23.62.212.40
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 33ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 36ms TTFB.

Audit Trail & Evidence Record

Verification ID	1d60d969-1719-4a2c-8a12-eacad805d8f9
Domain	pos.com.my
Check Mode	Manual
Status	Completed
Started	04 Jul 2026, 03:46:00 MYT
Finished	04 Jul 2026, 03:46:25 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/1d60d969-1719-4a2c-8a12-eacad805d8f9

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	c9247a1606ba86aab2203792cc1fae49513859159f81ef44d18f96a45517ce37
http_headers	743c95d059b05bbdf2dde24eefc48fe8b4ee50f7f2c926cc20677e9ad451f7d1
dns_responses	5b1d7b3f8ad71193d3ba7146fbcf17e046991dccf6fa7d8576ec98e570bc7db4
tls_handshake	a3e7640becb16d08e362e9beaa5f6e87e65ea1003d0aa9ab8d0624cd473265a5
connectivity_log	d49468c006efc87dd0958f069f2ab5ecff2e006e432dd8d798eb71698890df7f
dns_resolution_times	9a6407db9069ad62e67793c8ae95e306f6cb28399ac347cc3926874de5562673

Test Node Identity

Os	Linux srv1440888 6.8.0-124-generic #124-Ubuntu SMP PREEMPT_DYNAMIC Tue May 26 13:00:45 UTC 2026 x86_64
Hostname	srv1440888
Php Version	8.3.32
Server Ipv4	76.13.221.142
Server Ipv6	2a02:4780:5e:2789::1

DNS Resolution Performance

Comparison of A (IPv4) vs AAAA (IPv6) query times across resolvers and transports. Shows median (p50) and 95th percentile (p95) of 3 samples per tuple.

Resolver	Transport	A p50 (ms)	A p95 (ms)	AAAA p50 (ms)	AAAA p95 (ms)	Delta (ms)
System	Default	13.06	18.03	23.71	26.96	+10.7
Google	IPv4	23.41	35.3	24.12	27.98	+0.7
Google	IPv6	23.22	28.5	26.18	37.78	+3
Cloudflare	IPv4	12.27	24.68	8.94	19.96	-3.3
Cloudflare	IPv6	16.85	26.38	23.84	35.27	+7

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 64891
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
pos.com.my.□□20□IN□A□23.62.212.39
pos.com.my.□□20□IN□A□23.62.212.40
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 61364
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
pos.com.my.□□86377□IN□DS□49668 10 2 5913F9B6BDD89E4BEA505630359BC95EBA1021996F24D02C38028921 83DBAFE6
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 63435
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
pos.com.my.□□1800□IN□MX□1 pos-com-my.mail.protection.outlook.com.
```

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 34459
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 6, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
pos.com.my.□□86400□IN□NS□a1-99.akam.net.
pos.com.my.□□86400□IN□NS□a22-64.akam.net.
pos.com.my.□□86400□IN□NS□a3-65.akam.net.
pos.com.my.□□86400□IN□NS□a12-67.akam.net.
pos.com.my.□□86400□IN□NS□a20-66.akam.net.
pos.com.my.□□86400□IN□NS□a11-65.akam.net.
```

TXT

```
;; Truncated, retrying in TCP mode.
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 60624
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 14, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
pos.com.my.□□1800□IN□TXT□"gyz454w7rt4rv6hmkrx25vw516xd3m2n"
pos.com.my.□□1800□IN□TXT□"_globalsign-domain-verification=7AiPiCtgWWIwxjKyva3E_jj59KvuvQBfNRjq6g0dHt"
pos.com.my.□□1800□IN□TXT□"google-site-verification=RWm9zsAIdG8dBmrKOmnyeYdEnYekTr2m6Bp_sX0kkq4"
pos.com.my.□□1800□IN□TXT□"v=spf1 include:sendgrid.net include:enginemailer.net include:spf.protection.outlook.com include:spf.mandrillapp.com ip4:1.9.12.26
ip4:49.236.195.140 include:docebosaas.com -all"
pos.com.my.□□1800□IN□TXT□"Z5G9A5HJH5N76I39FC0TROXY12F80IF2AQLIP15O"
pos.com.my.□□1800□IN□TXT□"Zq4xXcYXlUqe7WfcYjnhlKwMbKgRbhIHCgMzbOHhIh4+5Lzi6Akm3SPewCPXLVkZNuyd53chn1e6tuPgGTjgdw=="
pos.com.my.□□1800□IN□TXT□"google-gws-recovery-domain-verification=52312745"
pos.com.my.□□1800□IN□TXT□"facebook-domain-verification=oshmra1xn53ntxvde1rgs1ypm6i357"
pos.com.my.□□1800□IN□TXT□"postman-domain-
verification=d5bb61c3deb6c560a7e34d520202dc5e6818832d1c519e00b9169ab47cb14b7bbaceb300f3a70e4a4ff6651e550351d1961a56394cd982f58c430ba5c1a2f0d2"
pos.com.my.□□1800□IN□TXT□"_globalsign-domain-verification=-2f4OJV09KbNKpJsjGqOEAHNSJJavfxLaUaJEC5gym"
pos.com.my.□□1800□IN□TXT□"amazonses:/KlTIuByHA9TOK53ZkBgihor7d9ktWJq8u8eSKfhq18=MS=ms18604246"
pos.com.my.□□1800□IN□TXT□"ca3-b1c64677e8be42ad8834e03d7a339db1"
pos.com.my.□□1800□IN□TXT□"google-site-verification=zH3n9Zb33vgnXry-QZ__IzaHKnMXY_0to26uYcJ4UNA"
pos.com.my.□□1800□IN□TXT□"google-site-verification=rQJAQm_7QyJbkMwZ4hTJjkKYvNHBIsU5oAS2Js4FdAs"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 4637
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
pos.com.my.□□20□IN□AAAA□2600:1411:a000:e::172d:b00a
pos.com.my.□□20□IN□AAAA□2600:1411:a000:e::172d:b021
```

RRSIG

```
a1-99.akam.net. hostmaster.pos.com.my. 2024011002 3600 600 604800 300
SOA 10 3 86400 20260706121804 20260703111804 31955 pos.com.my. mLJsRbicJPSvVJphKiEmF5aQgzpxavgqxt9aqfmvOWoq9jJpzt+FkJYy
CYkE+EB4SRZ+pxrp7IuyuaHLWI9yzihxO2JAlBsfxclrD1DD04HEMqId tCs+8X2RCucJ8ymUbMakYet+699K4ErWR45vl/TzrP1UDlZtWg8uojH6 9CI=
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 18836
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
pos.com.my.□□7177□IN□DNSKEY□257 3 10 AwEAAbAyq0Z/KZ9laHh+aSUoOL3jI86SCWuNixwr5pbHUrBVmaLYDK0a javIoulI1WNLAkGn9FViRSRs3Dx/+PXKSia8nwZMBra5/GTDJPrUuOYK
RXtLaXEbUuTugGyin5xwJom1mZO2wjk1nXsd87OS5owsXzlWMe98R/bw H0Y2rpvipTrzEJkFWhhH0wXAfZP9sG6Om26jO1/BkDBX886MtuCjg6/q
bySP5PHKqnhBzpG4Z0Tv0/yyVgK3Mc4vGyp8fIJNoWyksHW0ZHV766rC kPHidADgiz1dKtYB8iGW7Nraa6S0giBIh3SeCBif6ZVAb/hgarO62vlM BSf/Q66jSWk=
pos.com.my.□□7177□IN□DNSKEY□257 3 10 AwEAAbLd5f/RVj8dYar2QLxYxAhVbmvEYZUezUVN+JOaMsZvUOQPwfe2 DDLmH6AA+b2JMYn/A8FeP7/hnsTIiA5UbNe8XpZ6prhXRkayeXC8/t9l
Czr3ouN4sEBZbwm7iDeU+GzAb8Lxmf9xMluZKzCqC4t0zrtyMdOxBeJR 8lgVwpy7NbDpRkkIjwF0+80KykyzyjJdM1ymwDXfIxG5dtq2h4b3uUh9
bFeND4DEgTDKRf5KTEP6+rI+VwL8OBAc/xLnkV2OwIh4ldaXXLwlfRtR +BtmDC9MdgdSgz9IUx3Trf+MAZA8WHWUr2OmoNng9zm4awpnxLJLr59r 7jkrLS4+MqU=
pos.com.my.□□7177□IN□DNSKEY□256 3 10 AwEAAZxL3pgEZaX2DmoEySseXYBrpJ51t1tBgai5QNAEzpTWlWxWoOBP zr+Q7RRNBWGnE29xba6xxHKecV0qIIzbTtU6GmEfWgXdUob43eEELIGe
5Q7cw0yxQCEjicPvSDe2/du0sisq2wWvwfvF7kqJLWwRMdK6Y8vdXvcv 1KFqRbMd
pos.com.my.□□7177□IN□DNSKEY□256 3 10 AwEAAcimkNA2q9eK1Uk++ZZz2NEMPOW8+Z5N8Q3lsuTxwHrfYSeIidIs CH5VjVGzjfawwcJmg9TFMqp5q2xo6PYRWV53Wk8aI9ZifCM7Ly+i3Ttd
rNC5xSVzCmfpxEViLs4cOx+fJf7BXX31grb7jhxQUN0IYRyv5Aaz8d6s iDf6pEKZ
```

DNSSEC_VALIDATION

```
; fully validated
pos.com.my.□□86377□IN□SOA□a1-99.akam.net. hostmaster.pos.com.my. 2024011002 3600 600 604800 300
pos.com.my.□□86377□IN□RRSIG□SOA 10 3 86400 20260706121804 20260703111804 31955 pos.com.my. mLJsRbicJPSvVJphKiEmF5aQgzpxavgqxt9aqfmvOWoq9jJpzt+FkJYy
CYkE+EB4SRZ+pxrp7IuyuaHLWI9yzihxO2JAlBsfxclrD1DD04HEMqId tCs+8X2RCucJ8ymUbMakYet+699K4ErWR45vl/TzrP1UDlZtWg8uojH6 9CI=
```

TLS Handshake Evidence

IPV4 Connection

IP Used	23.62.212.39
IP Version	4

```
depth=2 C = US, O = DigiCert Inc, OU = www.digicert.com, CN = DigiCert Global Root G3
verify return:1
depth=1 C = US, O = DigiCert Inc, CN = DigiCert Global G3 TLS ECC SHA384 2020 CA1
verify return:1
depth=0 C = MY, ST = Wilayah Persekutuan Kuala Lumpur, L = Kuala Lumpur, O = POS Malaysia Berhad, CN = *.pos.com.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:C = MY, ST = Wilayah Persekutuan Kuala Lumpur, L = Kuala Lumpur, O = POS Malaysia Berhad, CN = *.pos.com.my
   i:C = US, O = DigiCert Inc, CN = DigiCert Global G3 TLS ECC SHA384 2020 CA1
   a:PKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA384
   v:NotBefore: Nov 11 00:00:00 2025 GMT; NotAfter: Nov 12 23:59:59 2026 GMT
-----BEGIN CERTIFICATE-----
MIIFiDCCBQ2gAwIBAgIQBw9cIKWdM5CFfgHoc26AxzAKBggqhkjOPQQDAzBZMQsw
CQYDVQQGEwJVUzEVMBMGA1UEChMMRGlnaUNlcnQgSW5jMTMwMQYDVQQDEypEaWdp
Q2VydCBHbG9iYWwgRzMgVExTIEVDQyBTSEEzODQgMjAyMCBDQTEwHhcNMjUxMTEx
MDAwMDAwWhcNMjYxMTEyMjM1OTU5WjCBhDELMAkGA1UEBhMCTVkxKTAnBgNVBAgT
IFdpbGF5YWggUGVyc2VrdXR1YW4gS3VhbGEgTHVtcHVyMRUwEwYDVQQHEwxLdWFs
YSBMdW1wdXIxHDAaBgNVBAoTE1BPUyBNYWxheXNpYSBCZXJoYWQxFTATBgNVBAMM
DCoucG9zLmNvbS5teTBZMBMGByqGSM49AgEGCCqGSM49AwEHA0IABH+3xXJwCkBO
+y+Qgx/A9FiucnSjthT8q0jKApeHnGs14ByX50k7Zty/aL3PJ/+xJT/kB8jaeXE9
zYQ2IxUQZe6jggOJMIIDhTAfBgNVHSMEGDAWgBSKI+uea9f5N135bSE5dpqhZ94Q
qDAdBgNVHQ4EFgQU3m87Z9FwRHEFVQPy77dUyVtCuPEwIwYDVR0RBBwwGoIMKi5w
b3MuY29tLm15ggpwb3MuY29tLm15MD4GA1UdIAQ3MDUwMwYGZ4EMAQICMCkwJwYI
KwYBBQUHAgEWG2h0dHA6Ly93d3cuZGlnaWNlcnQuY29tL0NQUzAOBgNVHQ8BAf8E
BAMCA4gwEwYDVR0lBAwwCgYIKwYBBQUHAwEwgZ8GA1UdHwSBlzCBlDBIoEagRIZC
aHR0cDovL2NybDMuZGlnaWNlcnQuY29tL0RpZ2lDZXJ0R2xvYmFsRzNUTFNFQ0NT
SEEzODQyMDIwQ0ExLTIuY3JsMEigRqBEhkJodHRwOi8vY3JsNC5kaWdpY2VydC5j
b20vRGlnaUNlcnRHbG9iYWxHM1RMU0VDQ1NIQTM4NDIwMjBDQTEtMi5jcmwwgYcG
CCsGAQUFBwEBBHsweTAkBggrBgEFBQcwAYYYaHR0cDovL29jc3AuZGlnaWNlcnQu
Y29tMFEGCCsGAQUFBzAChkVodHRwOi8vY2FjZXJ0cy5kaWdpY2VydC5jb20vRGln
aUNlcnRHbG9iYWxHM1RMU0VDQ1NIQTM4NDIwMjBDQTEtMi5jcnQwDAYDVR0TAQH/
BAIwADCCAX0GCisGAQQB1nkCBAIEggFtBIIBaQFnAHUA2AlVO5RPev/IFhlvlE+F
q7D4/F6HVSYPFdEucrtFSxQAAAGacN7NPAAABAMARjBEAiAbXVscmA5J4taqqISw
DgWsl/RD8PlXOm0wqoozniXVWgIgeKBMbZKqEZd7gGyBTLQel2odzj/pcHNm3DLG
KCuPvJgAdwDCMX5XRRmjRe5/ON6ykEHrx8IhWiK/f9W1rXaa2Q5SzQAAAZpw3s05
AAAEAwBIMEYCIQDRJXYgnJkKq0V2bCJLVOSqkps489sSHuekGGAqT2m6pwIhAInj
xypbTrvVR4U9Nn9st4JYY7009VY6vGIVuoXyQdksAHUAlE5Dh/rswe+B8xkkJqgY
ZQHH0184AgE/cmd9VTcuGdgAAAGacN7NYQAABAMARjBEAiBvFYraM/q0KKARUhBd
0lk1Fhyl4CcZzImJHahbdv+qsQIgFxJul7dnSW0uTPvM2XVbXI250AQ8ko9n6bIW
fnb54j8wCgYIKoZIzj0EAwMDaQAwZgIxALCnMX7AXYM6ByIfihtb0/WLoM/uoehf
A5xQvCwKHh51Y9iWmmfVbumAu5mkMIgYDgIxAOWp1GAe5+Eer3X7RKN+6F8Mx4FM
fjUa4wOs06UU9xUzbG5QivdJ+eaFD65s4Fyzjg==
-----END CERTIFICATE-----
 1 s:C = US, O = DigiCert Inc, CN = DigiCert Global G3 TLS ECC SHA384 2020 CA1
   i:C = US, O = DigiCert Inc, OU = www.digicert.com, CN = DigiCert Global Root G3
   a:PKEY: id-ecPublicKey, 384 (bit); sigalg: ecdsa-with-SHA384
   v:NotBefore: Apr 14 00:00:00 2021 GMT; NotAfter: Apr 13 23:59:59 2031 GMT
-----BEGIN CERTIFICATE-----
MIIDeTCCAv+gAwIBAgIQCwDpLU1tcx/KMFnHyx4YhjAKBggqhkjOPQQDAzBhMQsw
CQYDVQQGEwJVUzEVMBMGA1UEChMMRGlnaUNlcnQgSW5jMRkwFwYDVQQLExB3d3cu
ZGlnaWNlcnQuY29tMSAwHgYDVQQDExdEaWdpQ2VydCBHbG9iYWwgUm9vdCBHMzAe
Fw0yMTA0MTQwMDAwMDBaFw0zMTA0MTMyMzU5NTlaMFkxCzAJBgNVBAYTAlVTMRUw
EwYDVQQKEwxEaWdpQ2VydCBJbmMxMzAxBgNVBAMTKkRpZ2lDZXJ0IEdsb2JhbCBH
MyBUTFMgRUNDIFNIQTM4NCAyMDIwIENBMTB2MBAGByqGSM49AgEGBSuBBAAiA2IA
BHipnHWuiF1jpK1dhtgQSdavkljQyOF9EhlMM1kNJWmDj7ZfAjXVwUoSJ4Lq+vC
05ae7UXSi4rOAUsXQ+Fzz21zSDTcAEYJtVZUyV96xxMH0GwYF2zK28cLJlYujQf1
Z6OCAYIwggF+MBIGA1UdEwEB/wQIMAYBAf8CAQAwHQYDVR0OBBYEFIoj655r1/k3
XfltITl2mqFn3hCoMB8GA1UdIwQYMBaAFLPbSKT5ocXYrjZBzBFjaWIpvEvGMA4G
A1UdDwEB/wQEAwIBhjAdBgNVHSUEFjAUBggrBgEFBQcDAQYIKwYBBQUHAwIwdgYI
KwYBBQUHAQEEajBoMCQGCCsGAQUFBzABhhhodHRwOi8vb2NzcC5kaWdpY2VydC5j
b20wQAYIKwYBBQUHMAKGNGh0dHA6Ly9jYWNlcnRzLmRpZ2ljZXJ0LmNvbS9EaWdp
Q2VydEdsb2JhbFJvb3RHMy5jcnQwQgYDVR0fBDswOTA3oDWgM4YxaHR0cDovL2Ny
bDMuZGlnaWNlcnQuY29tL0RpZ2lDZXJ0R2xvYmFsUm9vdEczLmNybDA9BgNVHSAE
NjA0MAsGCWCGSAGG/WwCATAHBgVngQwBATAIBgZngQwBAgEwCAYGZ4EMAQICMAgG
BmeBDAECAzAKBggqhkjOPQQDAwNoADBlAjB+Jlhu7ojsDN0VQe56uJmZcNFiZU+g
IJ5HsVvBsmcxHcxyeq8ickBCbmWE/odLDxkCMQDmv9auNIdbP2fHHahv1RJ4teaH
MUSpXca4eMzP79QyWBH/OoUGPB2Eb9P1+dozHKQ=
-----END CERTIFICATE-----
---
Server certificate
```

```
subject=C = MY, ST = Wilayah Persekutuan Kuala Lumpur, L = Kuala Lumpur, O = POS Malaysia Berhad, CN = *.pos.com.my
issuer=C = US, O = DigiCert Inc, CN = DigiCert Global G3 TLS ECC SHA384 2020 CA1
---
No client certificate CA names sent
Peer signing digest: SHA256
Peer signature type: ECDSA
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 2703 bytes and written 392 bytes
Verification: OK
---
New, TLSv1.3, Cipher is TLS_AES_256_GCM_SHA384
Server public key is 256 bit
Secure Renegotiation IS NOT supported
Compression: NONE
Expansion: NONE
No ALPN negotiated
Early data was not sent
Verify return code: 0 (ok)
---
DONE
```

IPV6 Connection

IP Used	2600:1411:a000:e::172d:b00a
IP Version	6

```
depth=2 C = US, O = DigiCert Inc, OU = www.digicert.com, CN = DigiCert Global Root G3
verify return:1
depth=1 C = US, O = DigiCert Inc, CN = DigiCert Global G3 TLS ECC SHA384 2020 CA1
verify return:1
depth=0 C = MY, ST = Wilayah Persekutuan Kuala Lumpur, L = Kuala Lumpur, O = POS Malaysia Berhad, CN = *.pos.com.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:C = MY, ST = Wilayah Persekutuan Kuala Lumpur, L = Kuala Lumpur, O = POS Malaysia Berhad, CN = *.pos.com.my
   i:C = US, O = DigiCert Inc, CN = DigiCert Global G3 TLS ECC SHA384 2020 CA1
   a:PKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA384
   v:NotBefore: Nov 11 00:00:00 2025 GMT; NotAfter: Nov 12 23:59:59 2026 GMT
-----BEGIN CERTIFICATE-----
MIIFiDCCBQ2gAwIBAgIQBw9cIKWdM5CFfgHoc26AxzAKBggqhkjOPQQDAzBZMQsw
CQYDVQQGEwJVUzEVMBMGA1UEChMMRGlnaUNlcnQgSW5jMTMwMQYDVQQDEypEaWdp
Q2VydCBHbG9iYWwgRzMgVExTIEVDQyBTSEEzODQgMjAyMCBDQTEwHhcNMjUxMTEx
MDAwMDAwWhcNMjYxMTEyMjM1OTU5WjCBhDELMAkGA1UEBhMCTVkxKTAnBgNVBAgT
IFdpbGF5YWggUGVyc2VrdXR1YW4gS3VhbGEgTHVtcHVyMRUwEwYDVQQHEwxLdWFs
YSBMdW1wdXIxHDAaBgNVBAoTE1BPUyBNYWxheXNpYSBCZXJoYWQxFTATBgNVBAMM
DCoucG9zLmNvbS5teTBZMBMGByqGSM49AgEGCCqGSM49AwEHA0IABH+3xXJwCkBO
+y+Qgx/A9FiucnSjthT8q0jKApeHnGs14ByX50k7Zty/aL3PJ/+xJT/kB8jaeXE9
zYQ2IxUQZe6jggOJMIIDhTAfBgNVHSMEGDAWgBSKI+uea9f5N135bSE5dpqhZ94Q
qDAdBgNVHQ4EFgQU3m87Z9FwRHEFVQPy77dUyVtCuPEwIwYDVR0RBBwwGoIMKi5w
b3MuY29tLm15ggpwb3MuY29tLm15MD4GA1UdIAQ3MDUwMwYGZ4EMAQICMCkwJwYI
KwYBBQUHAgEWG2h0dHA6Ly93d3cuZGlnaWNlcnQuY29tL0NQUzAOBgNVHQ8BAf8E
BAMCA4gwEwYDVR0lBAwwCgYIKwYBBQUHAwEwgZ8GA1UdHwSBlzCBlDBIoEagRIZC
aHR0cDovL2NybDMuZGlnaWNlcnQuY29tL0RpZ2lDZXJ0R2xvYmFsRzNUTFNFQ0NT
SEEzODQyMDIwQ0ExLTIuY3JsMEigRqBEhkJodHRwOi8vY3JsNC5kaWdpY2VydC5j
b20vRGlnaUNlcnRHbG9iYWxHM1RMU0VDQ1NIQTM4NDIwMjBDQTEtMi5jcmwwgYcG
CCsGAQUFBwEBBHsweTAkBggrBgEFBQcwAYYaHR0cDovL29jc3AuZGlnaWNlcnQu
Y29tMFEGCCsGAQUFBzAChkVodHRwOi8vY2FjZXJ0cy5kaWdpY2VydC5jb20vRGln
aUNlcnRHbG9iYWxHM1RMU0VDQ1NIQTM4NDIwMjBDQTEtMi5jcnQwDAYDVR0TAQH/
BAIwADCCAX0GCisGAQQB1nkCBAIEggFtBIIBaQFnAHUA2AlVO5RPev/IFhlvlE+F
q7D4/F6HVSYPFdEucrtFSxQAAAGacN7NPAAABAMARjBEAiAbXVscmA5J4taqqISw
DgWsl/RD8P1XOm0wqoozniXVWgIgeKBMbZKqEZd7gGyBTLQel2odzj/pcHNm3DLG
KCuPvJgAdwDCMX5XRRmjRe5/ON6ykEHrx8IhWiK/f9W1rXaa2Q5SzQAAAZpw3s05
AAAEAwBIMEYCIQDRJXYgnJkKq0V2bCJLVOSqkps489sSHuekGGAqT2m6pwIhAInj
xypbTrvVR4U9Nn9st4JYY7009VY6vGIVuoXyQdksAHUAlE5Dh/rswe+B8xkkJqgY
ZQHH0184AgE/cmd9VTcuGdgAAAGacN7NYQAABAMARjBEAiBvFYraM/q0KKARUhBd
0lk1Fhyl4CcZzImJHahbdv+qsQIgFxJul7dnSW0uTPvM2XVbXI250AQ8ko9n6bIW
fnb54j8wCgYIKoZIzj0EAwMDaQAwZgIxALCnMX7AXYM6ByIfihtb0/WLoM/uoehf
A5xQvCwKHh51Y9iWmmfVbumAu5mkMIgYDgIxAOWp1GAe5+Eer3X7RKN+6F8Mx4FM
fjUa4wOs06UU9xUzbG5QivdJ+eaFD65s4Fyzjg==
-----END CERTIFICATE-----
 1 s:C = US, O = DigiCert Inc, CN = DigiCert Global G3 TLS ECC SHA384 2020 CA1
   i:C = US, O = DigiCert Inc, OU = www.digicert.com, CN = DigiCert Global Root G3
   a:PKEY: id-ecPublicKey, 384 (bit); sigalg: ecdsa-with-SHA384
   v:NotBefore: Apr 14 00:00:00 2021 GMT; NotAfter: Apr 13 23:59:59 2031 GMT
-----BEGIN CERTIFICATE-----
MIIDeTCCAv+gAwIBAgIQCwDpLU1tcx/KMFnHyx4YhjAKBggqhkjOPQQDAzBhMQsw
CQYDVQQGEwJVUzEVMBMGA1UEChMMRGlnaUNlcnQgSW5jMRkwFwYDVQQLExB3d3cu
```

```
ZGlnaWNlcnQuY29tMSAwHgYDVQQDExdEaWdpQ2VydCBHbG9iYWwgUm9vdCBHMzAe
Fw0yMTA0MTQwMDAwMDBaFw0zMTA0MTMyMzU5NTlaMFkxCzAJBgNVBAYTAlVTMRUw
EwYDVQQKEwxEaWdpQ2VydCBJbmMxMzAxBgNVBAMTKkRpZ2lDZXJ0IEdsb2JhbCBH
MyBUTFMgRUNDIFNIQTM4NCAyMDIwIENBMTB2MBAGByqGSM49AgEGBSuBBAAiA2IA
BHipnHWuiF1jpK1dhtgQSdavkl1jQyOF9EhlMM1kNJWmDj7ZfAjXVwUoSJ4Lq+vC
05ae7UXSi4rOAUsXQ+Fzz21zSDTcAEYJtVZUyV96xxMH0GwYF2zK28cLJlYujQf1
Z6OCAYIwggF+MBIGA1UdEwEB/wQIMAYBAf8CAQAwHQYDVR0OBBYEFIoj655r1/k3
XfltITl2mqFn3hCoMB8GA1UdIwQYMBaAFLPbSKT5ocXYrjZBzBFjaWIpvEvGMA4G
A1UdDwEB/wQEAwIBhjAdBgNVHSUEFjAUBggrBgEFBQcDAQYIKwYBBQUHAwIwdgYI
KwYBBQUHAQEEajBoMCQGCCsGAQUFBzABhhhodHRwOi8vb2NzcC5kaWdpY2VydC5j
b20wQAYIKwYBBQUHMAKGNGh0dHA6Ly9jYWNlcnRzLmRpZ2ljZXJ0LmNvbS9EaWdp
Q2VydEdsb2JhbFJvb3RHMy5jcnQwQgYDVR0fBDswOTA3oDWgM4YxaHR0cDovL2Ny
bDMuZGlnaWNlcnQuY29tL0RpZ2lDZXJ0R2xvYmFsUm9vdEczLmNybDA9BgNVHSAE
NjA0MAsGCWCGSAGG/WwCATAHBgVngQwBATAIBgZngQwBAgEwCAYGZ4EMAQICMAgG
BmeBDAECAzAKBggqhkjOPQQDAwNoADBlAjB+Jlhu7ojsDN0VQe56uJmZcNFiZU+g
IJ5HsVvBsmcxHcxyeq8ickBCbmWE/odLDxkCMQDmv9auNIdbP2fHHahv1RJ4teaH
MUSpXca4eMzP79QyWBH/OoUGPB2Eb9P1+dozHKQ=
-----END CERTIFICATE-----
---
Server certificate
subject=C = MY, ST = Wilayah Persekutuan Kuala Lumpur, L = Kuala Lumpur, O = POS Malaysia Berhad, CN = *.pos.com.my
issuer=C = US, O = DigiCert Inc, CN = DigiCert Global G3 TLS ECC SHA384 2020 CA1
---
No client certificate CA names sent
Peer signing digest: SHA256
Peer signature type: ECDSA
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 2703 bytes and written 392 bytes
Verification: OK
---
New, TLSv1.3, Cipher is TLS_AES_256_GCM_SHA384
Server public key is 256 bit
Secure Renegotiation IS NOT supported
Compression: NONE
Expansion: NONE
No ALPN negotiated
Early data was not sent
Verify return code: 0 (ok)
---
DONE
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	23.62.212.40
Connect Time	5.94 ms
TTFB	34.64 ms
Total Time	34.7 ms

Response Headers:


```
{
    "0": "HTTP/1.1 302 Moved Temporarily",
    "1": "Content-Length: 0",
    "2": "Location: https://www.pos.com.my/",
    "3": "Expires: Fri, 03 Jul 2026 19:46:25 GMT",
    "4": "Cache-Control: max-age=0, no-cache, no-store",
    "5": "Pragma: no-cache",
    "6": "Date: Fri, 03 Jul 2026 19:46:25 GMT",
    "7": "Connection: keep-alive",
    "8": "Referrer-Policy: same-origin",
    "9": "X-XSS-Protection: 1; mode=block",
    "10": "X-Robots-Tag: none",
    "11": "X-Frame-Options: SAMEORIGIN",
    "12": "X-Content-Type-Options: nosniff",
    "13": "Akamai-GRN: 0.e7613e17.1783107985.6128b52a",
    "15": "HTTP/2 200",
    "16": "content-type: text/html; charset=utf-8",
    "17": "etag: W/\"35a1b-iOJcWCGImayZgB3C5GoWoTWdrbM\"",
    "18": "content-security-policy: default-src 'self'; script-src 'self' 'unsafe-inline' https: blob: https://www.clarity.ms https://*.clarity.ms; style-src 'self'
'unsafe-inline' https:; font-src 'self' data: https:; img-src 'self' data: https: https://c.clarity.ms https://c.bing.com; connect-src 'self' https: wss:
https://www.clarity.ms https://*.clarity.ms; frame-src 'self' https:; child-src 'self' https: blob:; object-src 'none'; base-uri 'self'; frame-ancestors 'self';
upgrade-insecure-requests; media-src 'self' https://*.cloudfront.net;",
    "19": "x-frame-options: SAMEORIGIN",
    "20": "referrer-policy: strict-origin-when-cross-origin",
    "21": "permissions-policy: geolocation=*, camera=(), microphone=()",
    "22": "expires: Fri, 03 Jul 2026 19:46:25 GMT",
    "23": "cache-control: max-age=0, no-cache, no-store",
    "24": "pragma: no-cache",
    "25": "date: Fri, 03 Jul 2026 19:46:25 GMT",
    "26": "alt-svc: h3=\":443\"; ma=93600",
    "27": "x-content-type-options: nosniff",
    "28": "strict-transport-security: max-age=31536000 ; includeSubDomains",
    "29": "akamai-grn: 0.e7613e17.1783107985.6128b54a"
}
```


IPv6 HTTP (port 80)

HTTP Status	200
Connected IP	2600:1411:a000:e::172d:b00a
Connect Time	5.6 ms
TTFB	43.79 ms
Total Time	43.87 ms

Response Headers:


```
{
    "0": "HTTP/1.1 302 Moved Temporarily",
    "1": "Content-Length: 0",
    "2": "Location: https://www.pos.com.my/",
    "3": "Expires: Fri, 03 Jul 2026 19:46:25 GMT",
    "4": "Cache-Control: max-age=0, no-cache, no-store",
    "5": "Pragma: no-cache",
    "6": "Date: Fri, 03 Jul 2026 19:46:25 GMT",
    "7": "Connection: keep-alive",
    "8": "Referrer-Policy: same-origin",
    "9": "X-XSS-Protection: 1; mode=block",
    "10": "X-Robots-Tag: none",
    "11": "X-Frame-Options: SAMEORIGIN",
    "12": "X-Content-Type-Options: nosniff",
    "13": "Akamai-GRN: 0.a1613e17.1783107985.14eae5f1",
    "15": "HTTP/2 200",
```

```
    "16": "content-type: text/html; charset=utf-8",
    "17": "etag: W/\"35a1b-iOJcWCGImayZgB3C5GoWoTWdrbM\"",
    "18": "content-security-policy: default-src 'self'; script-src 'self' 'unsafe-inline' https: blob: https://www.clarity.ms https://*.clarity.ms; style-src 'self'
'unsafe-inline' https:; font-src 'self' data: https:; img-src 'self' data: https: https://c.clarity.ms https://c.bing.com; connect-src 'self' https: wss:
https://www.clarity.ms https://*.clarity.ms; frame-src 'self' https:; child-src 'self' https: blob:; object-src 'none'; base-uri 'self'; frame-ancestors 'self';
upgrade-insecure-requests; media-src 'self' https://*.cloudfront.net;",
    "19": "x-frame-options: SAMEORIGIN",
    "20": "referrer-policy: strict-origin-when-cross-origin",
    "21": "permissions-policy: geolocation=*, camera=(), microphone=()",
    "22": "expires: Fri, 03 Jul 2026 19:46:25 GMT",
    "23": "cache-control: max-age=0, no-cache, no-store",
    "24": "pragma: no-cache",
    "25": "date: Fri, 03 Jul 2026 19:46:25 GMT",
    "26": "alt-svc: h3=\":443\"; ma=93600",
    "27": "x-content-type-options: nosniff",
    "28": "strict-transport-security: max-age=31536000 ; includeSubDomains",
    "29": "akamai-grn: 0.8a613e17.1783107985.10227958"
}
```


IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	23.62.212.39
Connect Time	4.6 ms
TTFB	34.38 ms
Total Time	34.44 ms

Response Headers:


```
{
    "0": "HTTP/2 302",
    "1": "content-length: 0",
    "2": "location: https://www.pos.com.my/",
    "3": "expires: Fri, 03 Jul 2026 19:46:25 GMT",
    "4": "cache-control: max-age=0, no-cache, no-store",
    "5": "pragma: no-cache",
    "6": "date: Fri, 03 Jul 2026 19:46:25 GMT",
    "7": "alt-svc: h3=\":443\"; ma=93600",
    "8": "referrer-policy: same-origin",
    "9": "x-xss-protection: 1; mode=block",
    "10": "x-robots-tag: none",
    "11": "x-frame-options: SAMEORIGIN",
    "12": "x-content-type-options: nosniff",
    "13": "strict-transport-security: max-age=31536000 ; includeSubDomains",
    "14": "akamai-grn: 0.e7613e17.1783107985.6128b55d",
    "16": "HTTP/2 200",
    "17": "content-type: text/html; charset=utf-8",
    "18": "etag: W/\"35a1b-iOJcWCGImayZgB3C5GoWoTWdrbM\"",
    "19": "content-security-policy: default-src 'self'; script-src 'self' 'unsafe-inline' https: blob: https://www.clarity.ms https://*.clarity.ms; style-src 'self'
'unsafe-inline' https:; font-src 'self' data: https:; img-src 'self' data: https: https://c.clarity.ms https://c.bing.com; connect-src 'self' https: wss:
https://www.clarity.ms https://*.clarity.ms; frame-src 'self' https:; child-src 'self' https: blob:; object-src 'none'; base-uri 'self'; frame-ancestors 'self';
upgrade-insecure-requests; media-src 'self' https://*.cloudfront.net;",
    "20": "x-frame-options: SAMEORIGIN",
    "21": "referrer-policy: strict-origin-when-cross-origin",
    "22": "permissions-policy: geolocation=*, camera=(), microphone=()",
    "23": "expires: Fri, 03 Jul 2026 19:46:25 GMT",
    "24": "cache-control: max-age=0, no-cache, no-store",
    "25": "pragma: no-cache",
    "26": "date: Fri, 03 Jul 2026 19:46:25 GMT",
    "27": "alt-svc: h3=\":443\"; ma=93600",
    "28": "x-content-type-options: nosniff",
    "29": "strict-transport-security: max-age=31536000 ; includeSubDomains",
    "30": "akamai-grn: 0.e7613e17.1783107985.6128b572"
}
```


IPv6 HTTPS (port 443)

HTTP Status	200
Connected IP	2600:1411:a000:e::172d:b00a
Connect Time	4.25 ms
TTFB	69.47 ms
Total Time	69.55 ms

Response Headers:

```
{
    "0": "HTTP/2 302",
    "1": "content-length: 0",
    "2": "location: https://www.pos.com.my/",
    "3": "expires: Fri, 03 Jul 2026 19:46:25 GMT",
    "4": "cache-control: max-age=0, no-cache, no-store",
    "5": "pragma: no-cache",
    "6": "date: Fri, 03 Jul 2026 19:46:25 GMT",
    "7": "alt-svc: h3=\":443\"; ma=93600",
    "8": "referrer-policy: same-origin",
    "9": "x-xss-protection: 1; mode=block",
    "10": "x-robots-tag: none",
    "11": "x-frame-options: SAMEORIGIN",
    "12": "x-content-type-options: nosniff",
    "13": "strict-transport-security: max-age=31536000 ; includeSubDomains",
    "14": "akamai-grn: 0.a1613e17.1783107985.14eae60a",
    "16": "HTTP/2 200",
    "17": "content-type: text/html; charset=utf-8",
    "18": "etag: W/\"35a1b-iOJcWCGImayZgB3C5GoWoTWdrbM\"",
    "19": "content-security-policy: default-src 'self'; script-src 'self' 'unsafe-inline' https: blob: https://www.clarity.ms https://*.clarity.ms; style-src 'self'
'unsafe-inline' https:; font-src 'self' data: https:; img-src 'self' data: https: https://c.clarity.ms https://c.bing.com; connect-src 'self' https: wss:
https://www.clarity.ms https://*.clarity.ms; frame-src 'self' https:; child-src 'self' https: blob:; object-src 'none'; base-uri 'self'; frame-ancestors 'self';
upgrade-insecure-requests; media-src 'self' https://*.cloudfront.net;",
    "20": "x-frame-options: SAMEORIGIN",
    "21": "referrer-policy: strict-origin-when-cross-origin",
    "22": "permissions-policy: geolocation=*, camera=(), microphone=()",
    "23": "expires: Fri, 03 Jul 2026 19:46:25 GMT",
    "24": "cache-control: max-age=0, no-cache, no-store",
    "25": "pragma: no-cache",
    "26": "date: Fri, 03 Jul 2026 19:46:25 GMT",
    "27": "alt-svc: h3=\":443\"; ma=93600",
    "28": "x-content-type-options: nosniff",
    "29": "strict-transport-security: max-age=31536000 ; includeSubDomains",
    "30": "akamai-grn: 0.a1613e17.1783107985.14eae610"
}
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	302 0.001360 0.012853
TCP Connect IPv6 → port 80	302 0.001309 0.016563
TCP Connect IPv4 → port 443	302 0.001364 0.027649
TCP Connect IPv6 → port 443	302 0.001512 0.044530

Test Node Network Evidence

Node Profile	dual stack

Egress Connectivity

IPv4 Egress	76.13.221.142
IPv6 Egress	2a02:4780:5e:2789::1

Sysctl IPv6 Flags

net.ipv6.conf.all.disable_ipv6	0

IPv6 Routes

```
2a02:4780:5e::/48 dev eth0 proto kernel metric 256 pref medium
fe80::/64 dev eth0 proto kernel metric 256 pref medium
default via 2a02:4780:5e::1 dev eth0 proto static metric 1024 pref medium
```

IPv4 Routes

```
default via 76.13.221.254 dev eth0 proto static
10.6.101.0/24 dev wg0 scope link
10.6.102.0/24 dev wg0 scope link
76.13.221.0/24 dev eth0 proto kernel scope link src 76.13.221.142
172.29.0.0/24 dev wg0 scope link
```