IPv6 Readiness Report

kedah.gov.my — kedah.gov.my

Scan to verify

Category: Government • Generated: 02 Nov 2026, 03:05 MYT • Last Checked: 08 Aug 2026, 18:12 MYT • Verification ID: 05dbb1db-62a4-4b4e-9971-787343483a98
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/05dbb1db-62a4-4b4e-9971-787343483a98

✗

Non-Compliant

MGv6C-1.0

48%

No IPv6 Support

IPV6-ONLY READINESS

Website: ✗ **Not Ready**

DNS: ✓ **Ready**

Email: ✗ **Not Ready**

IPV4 ADDRESSES

210.19.105.133

Network Information (WHOIS / RDAP)

	IPv4 Network
Organization	TT DOTCOM SDN BHD
Country	MY
ASN	AS9930
ASN Name	TTNET-MY - TIME dotCom Berhad No. 14, Jalan Majistret U1/26 Hicom Glenmarie Industrial Park 40150 Shah Alam Selangor, Malaysia, MY
Network (CIDR)	210.19.0.0/16

Web Services (35%) 0 / 8

#	CHECK	RESULT	DETAIL
1	**AAAA Record**	FAIL	No AAAA record found in DNS.
2	**Globally Routable IPv6**	FAIL	IPv6 address is not globally routable.
3	**HTTP over IPv6**	FAIL	HTTP is not accessible over IPv6.
4	**HTTPS over IPv6**	FAIL	HTTPS is not accessible over IPv6.
5	**IPv6-Only Reachability**	FAIL	Site is not reachable when limited to IPv6-only.
6	**TLS Certificate Valid (IPv6)**	FAIL	TLS certificate is invalid, expired, or hostname mismatch over IPv6.
7	**Dual-Stack (IPv4 + IPv6)**	FAIL	Domain is IPv6-only or IPv4-only.
8	**HTTP/3 (QUIC)**	FAIL	No HTTP/3 support detected.

DNS & DNSSEC (25%) 4 / 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)**	FAIL	No PTR record found.
6	**DS Record at Parent**	PASS	DS record found at parent zone.
7	**RRSIG Valid**	PASS	RRSIG signatures are current and valid.

#	CHECK	RESULT	DETAIL
8	**Signing Algorithm**	INFO	ECDSAP256SHA256

Email Services (25%) 3 / 6

#	CHECK	RESULT	DETAIL
1	**MX Record Exists**	PASS	MX record found.
2	**MX Server Has IPv6**	FAIL	MX server has no IPv6 address.
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	No common DKIM selector found.
7	**DMARC Record**	PASS	DMARC record found.

IPv4 Baseline (15%) 3 / 3

#	CHECK	RESULT	DETAIL
1	**A Record**	PASS	210.19.105.133
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 680ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 605ms TTFB.

Audit Trail & Evidence Record

Verification ID	05dbb1db-62a4-4b4e-9971-787343483a98
Domain	kedah.gov.my
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:12:42 MYT
Finished	08 Aug 2026, 18:12:47 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/05dbb1db-62a4-4b4e-9971-787343483a98

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	a1b5fbfc6615cf6b57bc6af013ec03a6c7d6c2dce14a6c44585eb8f77307ad1e
http_headers	fbe331d020c2a0fc6462207e8665a3b1c2d2a468cb3b923b309aea268b1713f1
dns_responses	9f8d54c9316f401887fe4994ddbb1431d237034fc7a608e9b92b468712c6ff9d
tls_handshake	9b8d1a22bd3bc15ee403276849292c24a10d89b90e32775c7fbb3ae65ffc56a5
connectivity_log	fe26e292d9917f59a3462a941dce558e3d6b9e4a9a8121f81ac6fb7649169282
dns_resolution_times	487def13818ac7b5a0d3a44d6725b8f7229877a76afee23775a3d68e89f59c02

Test Node Identity

Os	Linux srv1440888 6.8.0-136-generic #136-Ubuntu SMP PREEMPT_DYNAMIC Wed Jul 1 21:53:05 UTC 2026 x86_64
Hostname	srv1440888
Php Version	8.3.33
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	23.27	24.82	23.52	24.9	+0.3
Google	IPv4	31.26	35.76	36.07	140.29	+4.8
Google	IPv6	151.96	158.22	140.82	149.24	-11.1
Cloudflare	IPv4	28.03	29.2	22.62	27.94	-5.4
Cloudflare	IPv6	19.41	37.41	35.93	41.17	+16.5

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 47788
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
kedah.gov.my.□□1800□IN□A□210.19.105.133
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 38297
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
kedah.gov.my.□□58971□IN□DS□12981 13 2 0E20857A9A6015945406AB27C1C42C8C508547CC39C4AE6582FDBD8D 686196A6
kedah.gov.my.□□58971□IN□DS□54428 13 1 FB03379DDB3E4D7C7346A026B754C716ABEE943E
kedah.gov.my.□□58971□IN□DS□54428 13 2 FCFCD6FC2E466AB3E7BF2C9E9DE40E98F584D39C6EF9D6D21432A628 B921FDB7
kedah.gov.my.□□58971□IN□DS□12981 13 1 C014A8D8F0CDD7BDD4F0A03ECE59F4A4CBF6B19C
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 59022
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
kedah.gov.my.□□1800□IN□MX□0 mail.kedahmail.gov.my.
```

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 26159
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 6, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
kedah.gov.my.□□58971□IN□NS□a26-67.akam.net.
kedah.gov.my.□□58971□IN□NS□a20-64.akam.net.
kedah.gov.my.□□58971□IN□NS□a22-64.akam.net.
kedah.gov.my.□□58971□IN□NS□a5-65.akam.net.
kedah.gov.my.□□58971□IN□NS□a3-65.akam.net.
kedah.gov.my.□□58971□IN□NS□a1-130.akam.net.
```

TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 41855
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
kedah.gov.my.□□1800□IN□TXT□"v=spf1 +a +mx +ip4:210.19.105.136 +ip4:210.19.105.135 -all"
kedah.gov.my.□□1800□IN□TXT□"google-site-verification=Ndo8lw4xzEBwXvpMWkDXCxv_U7dGGSQkhCOsalwKkwo"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 13898
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
kedah.gov.my.□□300□IN□SOA□a1-130.akam.net. hostmaster.kedah.gov.my. 2023061485 3600 600 604800 300
```

RRSIG

```
a1-130.akam.net. hostmaster.kedah.gov.my. 2023061485 3600 600 604800 300
SOA 13 3 1800 20260810222342 20260807212342 12670 kedah.gov.my. wroqtJPmpqxnegAmlf5keerpZx+j+coFtZVhd/HYFwbShxs5W2zPkmD0 0oEBoHb6R2yjtw4EmHtx9QF7PTFfaw==
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 28520
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
kedah.gov.my.□□7198□IN□DNSKEY□256 3 13 A2csfCfJ8Gn5lRM8TrFQrzPYQ1RCgQNOwptvKMeglchJh3hxJof+dCSr cPXwrwF9E/DXsp7xQl1s1iWVedilBg==
kedah.gov.my.□□7198□IN□DNSKEY□257 3 13 9o8Vxwy7xWbpeFdxMGnSy0EtQBKk8DbIo/Niqe9tjLtIkFQk5Ao2KZCh ib3CQ0m5iByI7DG//NgOn/VNGnPxCQ==
kedah.gov.my.□□7198□IN□DNSKEY□257 3 13 /QzzDSxHA4c2FJKune9Ub/pn5NF3PIfJXr9lE45D3sq/VMHH/5UNeKJh UfBsUIz25VKFV9eAPPVzoLOYtHQOlA==
kedah.gov.my.□□7198□IN□DNSKEY□256 3 13 l61ggExTp3Kc3+YJ+jjasaidFLdG5rUUsRM8XjfQRUnoWjpijpWJ7tjw 8nUQmrJq0ktThz+9pydaK2bMpmNvrA==
```

DNSSEC_VALIDATION

```
; fully validated
kedah.gov.my.□□1798□IN□SOA□a1-130.akam.net. hostmaster.kedah.gov.my. 2023061485 3600 600 604800 300
kedah.gov.my.□□1798□IN□RRSIG□SOA 13 3 1800 20260810222342 20260807212342 12670 kedah.gov.my. wroqtJPmpqxnegAmlf5keerpZx+j+coFtZVhd/HYFwbShxs5W2zPkmD0
0oEBoHb6R2yjtw4EmHtx9QF7PTFfaw==
```

TLS Handshake Evidence

IPV4 Connection

IP Used	210.19.105.133
IP Version	4

```
depth=2 C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication Root R46
verify return:1
depth=1 C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication CA OV R36
verify return:1
depth=0 C = MY, ST = Kedah, O = BAHAGIAN TEKNOLOGI MAKLUMAT DAN KOMUNIKASI (SUK KEDAH), CN = *.kedah.gov.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:C = MY, ST = Kedah, O = BAHAGIAN TEKNOLOGI MAKLUMAT DAN KOMUNIKASI (SUK KEDAH), CN = *.kedah.gov.my
   i:C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication CA OV R36
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: Aug 20 00:00:00 2025 GMT; NotAfter: Aug 21 23:59:59 2026 GMT
-----BEGIN CERTIFICATE-----
MIIHNTCCBZ2gAwIBAgIQEtbcgINfJrPEMU9KrIWywTANBgkqhkiG9w0BAQsFADBg
MQswCQYDVQQGEwJHQjEYMBYGA1UEChMPU2VjdGlnbyBMaW1pdGVkMTcwNQYDVQQD
Ey5TZWN0aWdvIFB1YmxpYyBTZXJ2ZXIgQXV0aGVudGljYXRpb24gQ0EgT1YgUjM2
MB4XDTI1MDgyMDAwMDAwMFoXDTI2MDgyMTIzNTk1OVowdzELMAkGA1UEBhMCTVkx
DjAMBgNVBAgTBUtlZGFoMT8wPQYDVQQKEzZCQUhBR0lBTiBURUtOT0xPR0kgTUFL
TFVNQVQgREFOIEtPTVVOSUtBU0kgKFNVSyBLRURBSCkxFzAVBgNVBAMMDioua2Vk
YWguZ292Lm15MIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEA0BgajZoi
m8CKCW35O0duZXIJIduXp2VX5d7ddtWEeMrzzCe+g28c5qMQ/4y3XEvnDdA72O30
4X+V4BjtmcUFFBzufw1w7pGHA0mX52oR59UaeskML5f9QI2SCuxqrsrthKfOgDVe
xtCLmEbUE0v/UrUvf/4cefF/QjMD8O8+G8EYM9B49k36SArenBj50lSuc4c4ihqO
s99OO6myF21GXlXJcDBDAhEA7jCciWw3nr54aR9V0082MUST4OEkWFzMQSSbfMYR
cZfNg2PXlKTgIrktoeD2GU0TGJc6LdNZD8M0rSVJsyZhqNzO66m38DveK9W0julo
CfyrLzhVe36YTQIDAQABo4IDUjCCA04wHwYDVR0jBBgwFoAU42Z0u3BojSxdTg6m
So+bNyKcgpIwHQYDVR0OBBYEFIRjRsJjVVs2pNo2QxrP+kdOquUMMA4GA1UdDwEB
/wQEAwIFoDAMBgNVHRMBAf8EAjAAMB0GA1UdJQQWMBQGCCsGAQUFBwMBBggrBgEF
BQcDAjBKBgNVHSAEQzBBMDUGDCsGAQQBsjEBAgEDBDAlMCMGCCsGAQUFBwIBFhdo
dHRwczovL3NlY3RpZ28uY29tL0NQUzAIBgZngQwBAgIwVAYDVR0fBE0wSzBJoEeg
RYZDaHR0cDovL2NybC5zZWN0aWdvLmNvbS9TZWN0aWdvUHVibGljU2VydmVyQXV0
aGVudGljYXRpb25DQU9WUjM2LmNybDCBhAYIKwYBBQUHAQEEeDB2ME8GCCsGAQUF
BzAChkNodHRwOi8vY3J0LnNlY3RpZ28uY29tL1NlY3RpZ29QdWJsaWNTZXJ2ZXJB
dXRoZW50aWNhdGlvbkNBT1ZSMzYuY3J0MCMGCCsGAQUFBzABhhdodHRwOi8vb2Nz
cC5zZWN0aWdvLmNvbTAnBgNVHREEIDAegg4qLmtlZGFoLmdvdi5teYIMa2VkYWgu
Z292Lm15MIIBewYKKwYBBAHWeQIEAgSCAWsEggFnAWUAdQDYCVU7lE96/8gWGW+U
T4WrsPj8XodVJg8V0S5yu0VLFAAAAZjIHsOdAAAEAwBGMEQCIEJTmHzxvkhMWJF0
ZZUxG3gpomUmFcw0/XzEGjNmvzh2AiAn6FrjPhAH/HxlRfvwWDq0scAQNvQ9gSpu
1jRxJFOb+AB1AKyrMHBs6+yEMfQT0vSRXxEeQiRDsfKmjE88KzunHgLDAAABmMge
wzoAAAQDAEYwRAIgYw3cRbK3GioCkavCQ8+cUNUh68FJhUffgTEfjW08MWECIFRq
VmUGEhPGDG/yBjF/c6kCpldw/adFaL4hImGTrI9oAHUA1219ENGn9XfCx+lf1wC/
+YLJM1pl4dCzAXMXwMjFaXcAAAGYyB7DNwAABAMARjBEAiAiBnAlruksvxFT7E+A
RtX4A36Z7SEfJluZGgbOjiJFggIgLDwR+eNXcpKIHR3GQycLjUxMsz0ia943LEbK
fiJowjEwDQYJKoZIhvcNAQELBQADggGBACG4BROwdTz3q+3g/WrAI12IVMK6as/O
9rBmCIyXIHV+ShoWDBYraATycFwlWU+j6b4egJ5J8CbCB+N9ClLV9mNM5NFVL5Qo
V3cGcOHhz+WJbKIg2Zzrwjqg1rNNdBauya0G00fytbTp/A3JAEPJmU3S6twdZmR0
CL38wTw2nKHB96E0pLQFNzLJ6hWDNz+jf6PTVMOoMOYNMgQRH78z3nc4gZO9EyKp
1PR8fixYF9epXHCZcOXBv/n8zBe3jnPCWtrBLlV6RZ+rND1jxmnOt3jIfbunIA0T
i675Nc2iz7g6lELQ8jP+bGGiXzkMuRZQZnp8llfg2PHXGabE2KPKqTCZY0thC+eu
+FWgU9E6jmHHXTEz80LeuS+i10em+xFUYKRyjAmcnV7GSkkYnEsyZ3d/C+o343eY
ImltuGJKW4fNZecHFaH1iMkaLrodDGU07SoCVJP1Dz5ZiM3OtIaM2GC/8mVgzfhF
AAmgafwVrYCVKBCb9aNiT9Qm7ompwjRCJw==
-----END CERTIFICATE-----
 1 s:C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication CA OV R36
   i:C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication Root R46
   a:PKEY: rsaEncryption, 3072 (bit); sigalg: RSA-SHA384
   v:NotBefore: Mar 22 00:00:00 2021 GMT; NotAfter: Mar 21 23:59:59 2036 GMT
-----BEGIN CERTIFICATE-----
MIIGTDCCBDSgAwIBAgIQLBo8dulD3d3/GRsxiQrtcTANBgkqhkiG9w0BAQwFADBf
MQswCQYDVQQGEwJHQjEYMBYGA1UEChMPU2VjdGlnbyBMaW1pdGVkMTYwNAYDVQQD
Ey1TZWN0aWdvIFB1YmxpYyBTZXJ2ZXIgQXV0aGVudGljYXRpb24gUm9vdCBSNDYw
HhcNMjEwMzIyMDAwMDAwWhcNMzYwMzIxMjM1OTU5WjBgMQswCQYDVQQGEwJHQjEY
MBYGA1UEChMPU2VjdGlnbyBMaW1pdGVkMTcwNQYDVQQDEy5TZWN0aWdvIFB1Ymxp
YyBTZXJ2ZXIgQXV0aGVudGljYXRpb24gQ0EgT1YgUjM2MIIBojANBgkqhkiG9w0B
AQEFAAOCAY8AMIIBigKCAYEApkMtJ3R06jo0fceI0M52B7K+TyMeGcv2BQ5AVc3j
lYt76TvHIu/nNe22W/RJXX9rWUD/2GE6GF5x0V4bsY7K3IeJ8E7+KzG/TGboySfD
u+F52jqQBbY62ofhYjMeiAbLI02+FqwHeM8uIrUtcX8b2RCxF358TB0NHVccAXZc
FYgZndZCeXxjuca7pJJ20LLUnXtgXcjAE1vY4WvbReW0W6mkeZyNGdmpTcFs5Y+s
yy6LtE5Zocji9J9NlNnReox2RWVyEXpA1ChZ4gqN+ZpVSIQ0HBorVFbBKyhdZyEX
gZgNSNtBRwxqwIzJePJhYd4ZUhO1vk+/uP3nwDk0p95q/j7naXNCSvESnrHPypaB
WRK066nKfPRPi9m9kIOhMdYfS8giFRTcdgL24Ycilj7ecAK9Trh0VbjwouJ4WH+x
bt47u68ZFCD/ac55I0DNHkCpaPruj6e9Rmr7K46wZDAYXuEAqB7tGG/jd6JAA+H2
```

```
O44CV98NRsU213f1kScIZntNAgMBAAGjggGBMIIBfTAfBgNVHSMEGDAWgBRWc1hk
lfmSGrASKgRieaFAFYghSTAdBgNVHQ4EFgQU42Z0u3BojSxdTg6mSo+bNyKcgpIw
DgYDVR0PAQH/BAQDAgGGMBIGA1UdEwEB/wQIMAYBAf8CAQAwHQYDVR0lBBYwFAYI
KwYBBQUHAwEGCCsGAQUFBwMCMBsGA1UdIAQUMBIwBgYEVR0gADAIBgZngQwBAgIw
VAYDVR0fBE0wSzBJoEegRYZDaHR0cDovL2NybC5zZWN0aWdvLmNvbS9TZWN0aWdv
UHVibGljU2VydmVyQXV0aGVudGljYXRpb25Sb290UjQ2LmNybDCBhAYIKwYBBQUH
AQEEeDB2ME8GCCsGAQUFBzAChkNodHRwOi8vY3J0LnNlY3RpZ28uY29tL1NlY3Rp
Z29QdWJsaWNTZXJ2ZXJBdXRoZW50aWNhdGlvblJvb3RSNDYucDdjMCMGCCsGAQUF
BzABhhdodHRwOi8vb2NzcC5zZWN0aWdvLmNvbTANBgkqhkiG9w0BAQwFAAOCAgEA
BZXWDHWC3cubb/e1I1kzi8lPFiK/ZUoH09ufmVOrc5ObYH/XKkWUexSPqRkwKFKr
7r8OuG+p7VNB8rifX6uopqKAgsvZtZsq7iAFw04To6vNcxeBt1Eush3cQ4b8nbQR
MQLChgEAqwhuXp9P48T4QEBSksYav7+aFjNySsLYlPzNqVM3RNwvBdvp6vgDtGwc
xlKQZVuuNVIaoYyls8swhxDeSHKpRdxRauTLZ+pl+wGvy0pnrLEJGSz9mOEmfbod
e/XopR2NGqaHJ6bIjyxPu6UtyQGI26En7UAEozACrHz06Nx2jTAY9E6NeB6XuobE
wLK025ZRmvglcURG1BrV24tGHHTgxCe8M3oGlpUSMTKQ2dkgljZVYt+gKdFtWELZ
MuRdi+X3XsrR8LFz+aLUiDRfQqhmw3RxjIyVKvvu9UPYY1nsvxYmFnUSeM+2q1z/
iPUry+xDY9MC6+IhleKT094VKdFVp7LXH42+wvU+17lRolQ2mK2N/nBLVBwaIhib
QXw4VYKwB86Bc6eS6iqsc94KEgD/U4VsjmgfhK+Xp4NM+VYzTTa3QeV3p8xOM0cw
q1p8oZFA+OBcz3FYWpDIe5j0NWKlw9hXsTyPY/HeZUV59akskSOSRSmDfe8wJDPX
58uB9/7lud0G3x0pxQAcffP0ayKavNwDTw4UfJ34cEw=
-----END CERTIFICATE-----
 2 s:C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication Root R46
   i:C = US, ST = New Jersey, L = Jersey City, O = The USERTRUST Network, CN = USERTrust RSA Certification Authority
   a:PKEY: rsaEncryption, 4096 (bit); sigalg: RSA-SHA384
   v:NotBefore: Mar 22 00:00:00 2021 GMT; NotAfter: Jan 18 23:59:59 2038 GMT
-----BEGIN CERTIFICATE-----
MIIGlTCCBH2gAwIBAgIRANJ/u8HeNZ5SFq1hSVhgmcQwDQYJKoZIhvcNAQEMBQAw
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	210.19.105.133
Connect Time	32.53 ms
TTFB	641.46 ms
Total Time	641.62 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Date: Sat, 08 Aug 2026 10:12:45 GMT",
    "2": "Server: Apache",
    "3": "Strict-Transport-Security: max-age=31536000; includeSubDomainsi; preload",
    "4": "X-Content-Type-Options: nosniff",
    "5": "Location: https://kedah.gov.my/",
    "6": "Content-Type: text/html; charset=iso-8859-1",
    "8": "HTTP/1.1 301 Moved Permanently",
    "9": "Date: Sat, 08 Aug 2026 10:12:46 GMT",
    "10": "Server: Apache",
    "11": "Vary: accept,content-type",
    "12": "Permissions-Policy: private-state-token-redemption=(self \"https://www.google.com\" \"https://www.gstatic.com\" \"https://recaptcha.net\"
\"https://challenges.cloudflare.com\" \"https://hcaptcha.com\"), private-state-token-issuance=(self \"https://www.google.com\" \"https://www.gstatic.com\"
\"https://recaptcha.net\" \"https://challenges.cloudflare.com\" \"https://hcaptcha.com\")",
    "13": "X-Redirect-By: WordPress",
    "14": "Strict-Transport-Security: max-age=31536000; includeSubDomainsi; preload",
    "15": "X-Content-Type-Options: nosniff",
    "16": "Location: https://www.kedah.gov.my/",
    "17": "X-Frame-Options: SAMEORIGIN",
    "18": "Content-Type: text/html; charset=UTF-8",
    "20": "HTTP/1.1 200 OK",
    "21": "Date: Sat, 08 Aug 2026 10:12:46 GMT",
    "22": "Server: Apache",
    "23": "Vary: accept,content-type",
    "24": "Permissions-Policy: private-state-token-redemption=(self \"https://www.google.com\" \"https://www.gstatic.com\" \"https://recaptcha.net\"
\"https://challenges.cloudflare.com\" \"https://hcaptcha.com\"), private-state-token-issuance=(self \"https://www.google.com\" \"https://www.gstatic.com\"
\"https://recaptcha.net\" \"https://challenges.cloudflare.com\" \"https://hcaptcha.com\")",
    "25": "Link: <https://www.kedah.gov.my/index.php/wp-json/>; rel=\"https://api.w.org/\", <https://www.kedah.gov.my/index.php/wp-json/wp/v2/pages/807>;
rel=\"alternate\"; title=\"JSON\"; type=\"application/json\", <https://www.kedah.gov.my/>; rel=shortlink",
    "26": "Strict-Transport-Security: max-age=31536000; includeSubDomainsi; preload",
    "27": "X-Content-Type-Options: nosniff",
    "28": "X-Frame-Options: SAMEORIGIN",
    "29": "Content-Type: text/html; charset=UTF-8"
}
```


IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	210.19.105.133
Connect Time	22.77 ms
TTFB	605.6 ms
Total Time	605.69 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Date: Sat, 08 Aug 2026 10:12:46 GMT",
    "2": "Server: Apache",
    "3": "Vary: accept,content-type",
    "4": "Permissions-Policy: private-state-token-redemption=(self \"https://www.google.com\" \"https://www.gstatic.com\" \"https://recaptcha.net\"
\"https://challenges.cloudflare.com\" \"https://hcaptcha.com\"), private-state-token-issuance=(self \"https://www.google.com\" \"https://www.gstatic.com\"
\"https://recaptcha.net\" \"https://challenges.cloudflare.com\" \"https://hcaptcha.com\")",
    "5": "X-Redirect-By: WordPress",
    "6": "Strict-Transport-Security: max-age=31536000; includeSubDomainsi; preload",
    "7": "X-Content-Type-Options: nosniff",
    "8": "Location: https://www.kedah.gov.my/",
    "9": "X-Frame-Options: SAMEORIGIN",
    "10": "Content-Type: text/html; charset=UTF-8",
    "12": "HTTP/1.1 200 OK",
    "13": "Date: Sat, 08 Aug 2026 10:12:46 GMT",
```

```
    "14": "Server: Apache",
    "15": "Vary: accept,content-type",
    "16": "Permissions-Policy: private-state-token-redemption=(self \"https://www.google.com\" \"https://www.gstatic.com\" \"https://recaptcha.net\"
\"https://challenges.cloudflare.com\" \"https://hcaptcha.com\"), private-state-token-issuance=(self \"https://www.google.com\" \"https://www.gstatic.com\"
\"https://recaptcha.net\" \"https://challenges.cloudflare.com\" \"https://hcaptcha.com\")",
    "17": "Link: <https://www.kedah.gov.my/index.php/wp-json/>; rel=\"https://api.w.org/\", <https://www.kedah.gov.my/index.php/wp-json/wp/v2/pages/807>;
rel=\"alternate\"; title=\"JSON\"; type=\"application/json\", <https://www.kedah.gov.my/>; rel=shortlink",
    "18": "Strict-Transport-Security: max-age=31536000; includeSubDomainsi; preload",
    "19": "X-Content-Type-Options: nosniff",
    "20": "X-Frame-Options: SAMEORIGIN",
    "21": "Content-Type: text/html; charset=UTF-8"
}
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.010614 0.036892
TCP Connect IPv4 → port 443	301 0.011264 0.309612

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
fd7a:115c:a1e0::1136:5807 dev tailscale0 proto kernel metric 256 pref medium
fe80::/64 dev eth0 proto kernel metric 256 pref medium
fe80::/64 dev tailscale0 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
```