IPv6 Readiness Report

pendakwah.tech — pendakwah.tech

Scan to verify

Category: Enterprise • Generated: 02 Nov 2026, 03:11 MYT • Last Checked: 08 Aug 2026, 18:19 MYT • Verification ID: c45bcfc6-ebae-48d1-9076-fa3f35864934
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/c45bcfc6-ebae-48d1-9076-fa3f35864934

✓
Compliant
MGv6C-1.0

95%
Fully IPv6 Ready

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

IPV6 ADDRESSES
2606:4700:3031::ac43:cabe
2606:4700:3034::6815:553b

IPV4 ADDRESSES
172.67.202.190
104.21.85.59

Network Information (WHOIS / RDAP)

	IPv6 Network	IPv4 Network
Organization	Cloudflare, Inc.	Cloudflare, Inc.
Country	US	US
ASN	AS13335	AS13335
ASN Name	CLOUDFLARENET - Cloudflare, Inc., US	CLOUDFLARENET - Cloudflare, Inc., US
Network (CIDR)	2606:4700::/32	172.64.0.0/13

Web Services (35%) — 8 / 8

#	CHECK	RESULT	DETAIL
1	**AAAA Record**	PASS	2606:4700:3031::ac43:cabe, 2606:4700:3034::6815:553b
2	**Globally Routable IPv6**	PASS	All addresses are globally routable.
3	**HTTP over IPv6**	PASS	HTTP (port 80) responds over IPv6 — 125ms TTFB.
4	**HTTPS over IPv6**	PASS	HTTPS (port 443) responds over IPv6 — 81ms 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 = Google Trust Services, CN = WE1, expires Oct 4 04:12:26 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%) — 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.

#	CHECK	RESULT	DETAIL
7	**RRSIG Valid**	PASS	RRSIG signatures are current and valid.
8	**Signing Algorithm**	INFO	ECDSAP256SHA256

Email Services (25%) — 4 / 4

#	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	172.67.202.190, 104.21.85.59
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 190ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 76ms TTFB.

Audit Trail & Evidence Record

Verification ID	c45bcfc6-ebae-48d1-9076-fa3f35864934
Domain	pendakwah.tech
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:19:29 MYT
Finished	08 Aug 2026, 18:19:53 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/c45bcfc6-ebae-48d1-9076-fa3f35864934

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	428534c72e2aa5a3512f8f846e55b31460321c25c380bffc31fe336d5c49e3b7
http_headers	37cc76c3f8cdc0983e6cc955c7c48d8d1faf0882aa21dbdd7903b7cb3a16d23e
dns_responses	935f1dbed9bbf835b4385e9e35a05827f050d06aaeccdc6ba81a46676eace6a7
tls_handshake	f022adf77b02edbdc414ab700ce1c2d61ed5e32168b0b427ea1bac87ba825c93
connectivity_log	01702c608efc2d49392c729b0664ddeda7eae638cb671bbb8bfc1741d43cad4a
dns_resolution_times	de50802b25c741218dfa26b3be999a66eb361e0a31242640811163e17503ec5f

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	30	33.51	24.33	27.13	-5.7
Google	IPv4	48.3	51.64	39.39	83.11	-8.9
Google	IPv6	59.58	84.23	86.05	97.32	+26.5
Cloudflare	IPv4	23.51	25.13	27.53	28.87	+4
Cloudflare	IPv6	23.96	32.88	31.5	35.15	+7.5

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 29177
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
pendakwah.tech.□□300□IN□A□104.21.85.59
pendakwah.tech.□□300□IN□A□172.67.202.190
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 46279
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
pendakwah.tech.□□882□IN□DS□2371 13 2 F613C22270F4CE20DF7F513F1505BAB8D2C01EB2807455D7E80500A7 09462D13
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 27449
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
pendakwah.tech.□□300□IN□MX□0 pendakwah-tech.mail.protection.outlook.com.
```

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 21555
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
pendakwah.tech.□□86400□IN□NS□elsa.ns.cloudflare.com.
pendakwah.tech.□□86400□IN□NS□theo.ns.cloudflare.com.
```

TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 21650
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
pendakwah.tech.□□300□IN□TXT□"v=spf1 include:spf.protection.outlook.com ~all"
pendakwah.tech.□□300□IN□TXT□"google-site-verification=Xo8O_VA2cO6aI4M64Otw_SXyI4tub895TP_HOjS-gjo"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 48817
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
pendakwah.tech.□□300□IN□AAAA□2606:4700:3034::6815:553b
pendakwah.tech.□□300□IN□AAAA□2606:4700:3031::ac43:cabe
```

RRSIG

```
elsa.ns.cloudflare.com. dns.cloudflare.com. 2411503503 10000 2400 604800 1800
SOA 13 2 1800 20260809111931 20260807091931 34505 pendakwah.tech. RqydP0uC2E2RYM7Z5BBI2E7ZEXONY8zpHXbsT1bYVZB6PO0ruKXa/gcR KbOed7KbomCg9HWOQ95YieCQxKdVtA==
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 25516
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
pendakwah.tech.□□3582□IN□DNSKEY□256 3 13 oJMRESz5E4gYzS/q6XDrvU1qMPYIjCWzJaOau8XNEZeqCYKD5ar0IRd8 KqXXFJkqmVfRvMGPmM1x8fGAa2XhSA==
pendakwah.tech.□□3582□IN□DNSKEY□257 3 13 mdsswUyr3DPW132mOi8V9xESWE8jTo0dxCjjnopKl+GqJxpVXckHAeF+ KkxLbxILfDLUT0rAK9iUzy1L53eKGQ==
```

DNSSEC_VALIDATION

```
; fully validated
pendakwah.tech.□□1782□IN□SOA□elsa.ns.cloudflare.com. dns.cloudflare.com. 2411503503 10000 2400 604800 1800
pendakwah.tech.□□1782□IN□RRSIG□SOA 13 2 1800 20260809111931 20260807091931 34505 pendakwah.tech. RqydP0uC2E2RYM7Z5BBI2E7ZEXONY8zpHXbsT1bYVZB6PO0ruKXa/gcR
KbOed7KbomCg9HWOQ95YieCQxKdVtA==
```

TLS Handshake Evidence

IPV4 Connection

IP Used	172.67.202.190
IP Version	4

```
depth=2 C = US, O = Google Trust Services LLC, CN = GTS Root R4
verify return:1
depth=1 C = US, O = Google Trust Services, CN = WE1
verify return:1
depth=0 CN = pendakwah.tech
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:CN = pendakwah.tech
   i:C = US, O = Google Trust Services, CN = WE1
   a:PKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA256
   v:NotBefore: Jul  6 03:14:06 2026 GMT; NotAfter: Oct  4 04:12:26 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDhTCCAyugAwIBAgIRAOiHAgGet+wODu8Ie0FS4fEwCgYIKoZIzj0EAwIwOzEL
MAkGA1UEBhMCVVMxHjAcBgNVBAoTFUdvb2dsZSBUcnVzdCBTZXJ2aWNlczEMMAoG
A1UEAxMDV0UxMB4XDTI2MDcwNjAzMTQwNloXDTI2MTAwNDA0MTIyNlowGTEXMBUG
A1UEAxMOcGVuZGFrd2FoLnRlY2gwWTATBgcqhkjOPQIBBggqhkjOPQMBBwNCAAQK
zJN6lRG8yRpDTw6NqUsLqaobQ+vzAJeIhI5Ybp/LGeMm4MSoqicQ+SOlwZ3+9coe
b1bW6aOkbUyQ06iqf6nwo4ICMDCCAiwwDgYDVR0PAQH/BAQDAgeAMBMGA1UdJQQM
MAoGCCsGAQUFBwMBMAwGA1UdEwEB/wQCMAAwHQYDVR0OBBYEFOhWTF/DUY1y/KFL
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AQUFBwEBBCkwJzAlBggrBgEFBQcwAoYZaHR0cDovL2kucGtpLmdvb2cvd2UxLmNy
dDArBgNVHREEJDAigg5wZW5kYWt3YWgudGVjaIIQKi5wZW5kYWt3YWgudGVjaDAT
BgNVHSAEDDAKMAgGBmeBDAECATA2BgNVHR8ELzAtMCugKaAnhiVodHRwOi8vYy5w
a2kuZ29vZy93ZTEvcmdlb2tSQV9uLWcuY3JsMIIBBAYKKwYBBAHWeQIEAgSB9QSB
8gDwAHYAwjF+V0UZo0XufzjespBB68fCIVoiv3/Vta12mtkOUs0AAAGfNaIn9wAA
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M1pl4dCzAXMXwMjFaXcAAAGfNaIoCgAABAMARzBFAiEAu+roD2fWy9KJz2jOQwZ+
7bC0obdgwPdWCKQYMT5ApeACIHrNTklY1Z9fxQTWqHgXfxft6M7APHD+Fwperch9
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m/UbzGUVKQIgSjbwVvQm6a8zcPjhTrZ6NjMc1hD+lqKIbxjg/3tVOFE=
-----END CERTIFICATE-----
 1 s:C = US, O = Google Trust Services, CN = WE1
   i:C = US, O = Google Trust Services LLC, CN = GTS Root R4
   a:PKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA384
   v:NotBefore: Dec 13 09:00:00 2023 GMT; NotAfter: Feb 20 14:00:00 2029 GMT
-----BEGIN CERTIFICATE-----
MIICnzCCAiWgAwIBAgIQf/MZd5csIkp2FV0TttaF4zAKBggqhkjOPQQDAzBHMQsw
CQYDVQQGEwJVUzEiMCAGA1UEChMZR29vZ2xlIFRydXN0IFNlcnZpY2VzIExMQzEU
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Y2VzMQwwCgYDVQQDEwNXRTEwWTATBgcqhkjOPQIBBggqhkjOPQMBBwNCAARvzTr+
Z1dHTCEDhUDCR127WEcPQMFcF4XGGTfn1XzthkubgdnXGhOlCgP4mMTG6J7/EFmP
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kHeSNWfE/6jMqeZ72YB5e8yT+TgwHwYDVR0jBBgwFoAUgEzW63T/STaj1dj8tT7F
avCUHYwwNAYIKwYBBQUHAQEEKDAmMCQGCCsGAQUFBzAChhhodHRwOi8vaS5wa2ku
Z29vZy9yNC5jcnQwKwYDVR0fBCQwIjAgoB6gHIYaaHR0cDovL2MucGtpLmdvb2cv
ci9yNC5jcmwwEwYDVR0gBAwwCjAIBgZngQwBAgEwCgYIKoZIzj0EAwMDaAAwZQIx
AOcCq1HW90OVznX+0RGU1cxAQXomvtgM8zItPZCuFQ8jSBJSjz5keROv9aYsAm5V
sQIwJonMaAFi54mrfhfoFNZEfuNMSQ6/bIBiNLiyoX46FohQvKeIoJ99cx7sUkFN
7uJW
-----END CERTIFICATE-----
 2 s:C = US, O = Google Trust Services LLC, CN = GTS Root R4
   i:C = BE, O = GlobalSign nv-sa, OU = Root CA, CN = GlobalSign Root CA
   a:PKEY: id-ecPublicKey, 384 (bit); sigalg: RSA-SHA256
   v:NotBefore: Nov 15 03:43:21 2023 GMT; NotAfter: Jan 28 00:00:42 2028 GMT
-----BEGIN CERTIFICATE-----
MIIDejCCAmKgAwIBAgIQf+UwvzMTQ77dghYQST2KGzANBgkqhkiG9w0BAQsFADBX
MQswCQYDVQQGEwJCRTEZMBcGA1UEChMQR2xvYmFsU2lnbiBudi1zYTEQMA4GA1UE
CxMHUm9vdCBDQTEbMBkGA1UEAxMSR2xvYmFsU2lnbiBSb290IENBMB4XDTIzMTEx
NTAzNDMyMVoXDTI4MDEyODAwMDA0MlowRzELMAkGA1UEBhMCVVMxIjAgBgNVBAoT
GUdvb2dsZSBUcnVzdCBTZXJ2aWNlcyBMTEMxFDASBgNVBAMTC0dUUyBSb290IFI0
MHYwEAYHKoZIzj0CAQYFK4EEACIDYgAE83Rzp2iLYK5DuDXFgTB7S0md+8Fhzube
Rr1r1WEYNa5A3XP3iZEwWus87oV8okB2O6nGuEfYKueSkWpz6bFyOZ8pn6KY019e
WIZlD6GEZQbR3IvJx3PIjGov5cSr0R2Ko4H/MIH8MA4GA1UdDwEB/wQEAwIBhjAd
BgNVHSUEFjAUBggrBgEFBQcDAQYIKwYBBQUHAwIwDwYDVR0TAQH/BAUwAwEB/zAd
BgNVHQ4EFgQUgEzW63T/STaj1dj8tT7FavCUHYwwHwYDVR0jBBgwFoAUYHtmGkUN
l8qJUC99BM00qP/8/UswNgYIKwYBBQUHAQEEKjAoMCYGCCsGAQUFBzAChhpodHRw
Oi8vaS5wa2kuZ29vZy9nc3IxLmNydDAtBgNVHR8EJjAkMCKgIKAehhxodHRwOi8v
```

```
Yy5wa2kuZ29vZy9yL2dzcjEuY3JsMBMGA1UdIAQMMAowCAYGZ4EMAQIBMA0GCSqG
SIb3DQEBCwUAA4IBAQAYQrsPBtYDh5bjP2OBDwmkoWhIDDkic574y04tfzHpn+cJ
odI2D4SseesQ6bDrarZ7C30ddLibZatoKiws3UL9xnELz4ct92vID24FfVbiI1hY
+SW6FoVHkNeWIP0GCbaM4C6uVdF5dTUsMVs/ZbzNnIdCp5Gxmx5ejvEau8otR/Cs
kGN+hr/W5GvT1tMBjgWKZ1i4//emhA1JG1BbPzoLJQvyEotc03lXjTaCzv8mEbep
8RqZ7a2CPsgRbuvTPBwcOMBBmuFeU88+FSBX6+7iP0il8b4Z0QFqIwwMHfs/L6K1
vepuoxtGzi4CZ68zJpiq1UvSqTbFJjtbD4seiMHl
-----END CERTIFICATE-----
---
Server certificate
subject=CN = pendakwah.tech
issuer=C = US, O = Google Trust Services, CN = WE1
---
No client certificate CA names sent
Peer signing digest: SHA256
Peer signature type: ECDSA
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 2793 bytes and written 396 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
```

IPV6 Connection

IP Used	2606:4700:3031::ac43:cabe
IP Version	6

```
depth=2 C = US, O = Google Trust Services LLC, CN = GTS Root R4
verify return:1
depth=1 C = US, O = Google Trust Services, CN = WE1
verify return:1
depth=0 CN = pendakwah.tech
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:CN = pendakwah.tech
   i:C = US, O = Google Trust Services, CN = WE1
   a:PKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA256
   v:NotBefore: Jul  6 03:14:06 2026 GMT; NotAfter: Oct  4 04:12:26 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDhTCCAyugAwIBAgIRAOiHAgGet+wODu8Ie0FS4fEwCgYIKoZIzj0EAwIwOzEL
MAkGA1UEBhMCVVMxHjAcBgNVBAoTFUdvb2dsZSBUcnVzdCBTZXJ2aWNlczEMMAoG
A1UEAxMDV0UxMB4XDTI2MDcwNjAzMTQwNloXDTI2MTAwNDA0MTIyNlowGTEXMBUG
A1UEAxMOcGVuZGFrd2FoLnRlY2gwWTATBgcqhkjOPQIBBggqhkjOPQMBBwNCAAQK
zJN6lRG8yRpDTw6NqUsLqaobQ+vzAJeIhI5Ybp/LGeMm4MSoqicQ+SOlwZ3+9coe
b1bW6aOkbUyQ06iqf6nwo4ICMDCCAiwwDgYDVR0PAQH/BAQDAgeAMBMGA1UdJQQM
MAoGCCsGAQUFBwMBMAwGA1UdEwEB/wQCMAAwHQYDVR0OBBYEFOhWTF/DUY1y/KFL
htq4RDCJr0LaMB8GA1UdIwQYMBaAFJB3kjVnxP+ozKnme9mAeXvMk/k4MDUGCCsG
AQUFBwEBBCkwJzAlBggrBgEFBQcwAoYZaHR0cDovL2kucGtpLmdvb2cvd2UxLmNy
dDArBgNVHREEJDAigg5wZW5kYWt3YWgudGVjaIIQKi5wZW5kYWt3YWgudGVjaDAT
BgNVHSAEDDAKMAgGBmeBDAECATA2BgNVHR8ELzAtMCugKaAnhiVodHRwOi8vYy5w
a2kuZ29vZy93ZTEvcmdlb2tSQV9uLWcuY3JsMIIBBAYKKwYBBAHWeQIEAgSB9QSB
8gDwAHYAwjF+V0UZo0XufzjespBB68fCIVoiv3/Vta12mtkOUs0AAAGfNaIn9wAA
BAMARzBFAiEAwLgUiR+OZZqCgVwQAJZXt4atsSxtEomr/BjsYir1LwUCIBLvOIUe
zqH/fbvBI1ddeq9r/SW9VmPX8rrGn4igmNhWAHYA1219ENGn9XfCx+lf1wC/+YLJ
M1pl4dCzAXMXwMjFaXcAAAGfNaIoCgAABAMARzBFAiEAu+roD2fWy9KJz2jOQwZ+
7bC0obdgwPdWCKQYMT5ApeACIHrNTklY1Z9fxQTWqHgXfxft6M7APHD+Fwperch9
cWR6MAoGCCqGSM49BAMCA0gAMEUCIQCGCLDVJagSUmoXp/0mhN0FIosf1vAHR7ot
m/UbzGUVKQIgSjbwVvQm6a8zcPjhTrZ6NjMc1hD+lqKIbxjg/3tVOFE=
-----END CERTIFICATE-----
 1 s:C = US, O = Google Trust Services, CN = WE1
   i:C = US, O = Google Trust Services LLC, CN = GTS Root R4
   a:PKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA384
   v:NotBefore: Dec 13 09:00:00 2023 GMT; NotAfter: Feb 20 14:00:00 2029 GMT
-----BEGIN CERTIFICATE-----
MIICnzCCAiWgAwIBAgIQf/MZd5csIkp2FV0TttaF4zAKBggqhkjOPQQDAzBHMQsw
CQYDVQQGEwJVUzEiMCAGA1UEChMZR29vZ2xlIFRydXN0IFNlcnZpY2VzIExMQzEU
MBIGA1UEAxMLR1RTIFJvb3QgUjQwHhcNMjMxMjEzMDkwMDAwWhcNMjkwMjIwMTQw
MDAwWjA7MQswCQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2xlIFRydXN0IFNlcnZp
Y2VzMQwwCgYDVQQDEwNXRTEwHTATBgcqhkjOPQIBBggqhkjOPQMBBwNCAARvzTr+
Z1dHTCEDhUDCR127WEcPQMFcF4XGGTfn1XzthkubgdnXGhOlCgP4mMTG6J7/EFmP
```

```
LCaY9eYmJbsPAvpWo4H+MIH7MA4GA1UdDwEB/wQEAwIBhjAdBgNVHSUEFjAUBggr
BgEFBQcDAQYIKwYBBQUHAwIwEgYDVR0TAQH/BAgwBgEB/wIBADAdBgNVHQ4EFgQU
kHeSNWfE/6jMqeZ72YB5e8yT+TgwHwYDVR0jBBgwFoAUgEzW63T/STaj1dj8tT7F
avCUHYwwNAYIKwYBBQUHAQEEKDAmMCQGCCsGAQUFBzAChhhodHRwOi8vaS5wa2ku
Z29vZy9yNC5jcnQwKwYDVR0fBCQwIjAgoB6gHIYaaHR0cDovL2MucGtpLmdvb2cv
ci9yNC5jcmwwEwYDVR0gBAwwCjAIBgZngQwBAgEwCgYIKoZIzj0EAwMDaAAwZQIx
AOcCq1HW90OVznX+0RGU1cxAQXomvtgM8zItPZCuFQ8jSBJSjz5keROv9aYsAm5V
sQIwJonMaAFi54mrfhfoFNZEfuNMSQ6/bIBiNLiyoX46FohQvKeIoJ99cx7sUkFN
7uJW
-----END CERTIFICATE-----
 2 s:C = US, O = Google Trust Services LLC, CN = GTS Root R4
   i:C = BE, O = GlobalSign nv-sa, OU = Root CA, CN = GlobalSign Root CA
   a:PKEY: id-ecPublicKey, 384 (bit); sigalg: RSA-SHA256
   v:NotBefore: Nov 15 03:43:21 2023 GMT; NotAfter: Jan 28 00:00:42 2028 GMT
-----BEGIN CERTIFICATE-----
MIIDejCCAmKgAwIBAgIQf+UwvzMTQ77dghYQST2KGzANBgkqhkiG9w0BAQsFADBX
MQswCQYDVQQGEwJCRTEZMBcGA1UEChMQR2xvYmFsU2lnbiBudi1zYTEQMA4GA1UE
CxMHUm9vdCBDQTEbMBkGA1UEAxMSR2xvYmFsU2lnbiBSb290IENBMB4XDTIzMTEx
NTAzNDMyMVoXDTI4MDEyODAwMDA0MlowRzELMAkGA1UEBhMCVVMxIjAgBgNVBAoT
GUdvb2dsZSBUcnVzdCBTZXJ2aWNlcyBMTEMxFDASBgNVBAMTC0dUUyBSb290IFI0
MHYwEAYHKoZIzj0CAQYFK4EEACIDYgAE83Rzp2iLYK5DuDXFgTB7S0md+8Fhzube
Rr1r1WEYNa5A3XP3iZEwWus87oV8okB2O6nGuEfYKueSkWpz6bFyOZ8pn6KY019e
WIZlD6GEZQbR3IvJx3PIjGov5cSr0R2Ko4H/MIH8MA4GA1UdDwEB/wQEAwIBhjAd
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BgNVHQ4EFgQUgEzW63T/STaj1dj8tT7FavCUHYwwHwYDVR0jBBgwFoAUYHtmGkUN
l8qJUC99BM00qP/8/UswNgYIKwYBBQUHAQEEKjAoMCYGCCsGAQUFBzAChhpodHRw
Oi8vaS5wa2kuZ29vZy9nc3IxLmNydDAtBgNVHR8EJjAkMCKgIKAehhxodHRwOi8v
Yy5wa2kuZ29vZy9yL2dzcjEuY3JsMBMGA1UdIAQMMAowCAYGZ4EMAQIBMA0GCSqG
SIb3DQEBCwUAA4IBAQAYQrsPBtYDh5bjP2OBDwmkoWhIDDkic574y04tfzHpn+cJ
odI2D4SseesQ6bDrarZ7C30ddLibZatoKiws3UL9xnELz4ct92vID24FfVbiI1hY
+SW6FoVHkNeWIP0GCbaM4C6uVdF5dTUsMVs/ZbzNnIdCp5Gxmx5ejvEau8otR/Cs
kGN+hr/W5GvT1tMBjgWKZ1i4//emhA1JG1BbPzoLJQvyEotc03lXjTaCzv8mEbep
8RqZ7a2CPsgRbuvTPBwcOMBBmuFeU88+FSBX6+7iP0il8b4Z0QFqIwwMHfs/L6K1
vepuoxtGzi4CZ68zJpiq1UvSqTbFJjtbD4seiMHl
-----END CERTIFICATE-----
---
Server certificate
subject=CN = pendakwah.tech
issuer=C = US, O = Google Trust Services, CN = WE1
---
No client certificate CA names sent
Peer signing digest: SHA256
Peer signature type: ECDSA
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 2794 bytes and written 396 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
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	104.21.85.59
Connect Time	17.86 ms
TTFB	103.21 ms
Total Time	103.3 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Date: Sat, 08 Aug 2026 10:19:52 GMT",
    "2": "Content-Type: text/html; charset=UTF-8",
    "3": "Connection: keep-alive",
    "4": "Location: https://pendakwah.tech/",
    "5": "Speculation-Rules: \"/cdn-cgi/speculation\"",
    "6": "Report-To: {\"group\":\"cf-
nel\",\"max_age\":604800,\"endpoints\":[{\"url\":\"https://a.nel.cloudflare.com/report/v4?s=MCrPG6Dz30ZvgTuCIbELdmvq75V3pvITziH3OUJkDQUG9DuMCG6vV9pu1KiSiZ14llRLQeLLrwMFdKOvk4m27q
    "7": "Nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "8": "Server: cloudflare",
    "9": "CF-RAY: a27dc905b8ee8b16-SIN",
    "10": "alt-svc: h3=\":443\"; ma=86400",
    "12": "HTTP/2 200",
    "13": "date: Sat, 08 Aug 2026 10:19:52 GMT",
    "14": "content-type: text/html; charset=utf-8",
    "15": "server: cloudflare",
    "16": "last-modified: Wed, 22 Jul 2026 22:03:54 GMT",
    "17": "vary: Accept-Encoding",
    "18": "report-to: {\"group\":\"cf-
nel\",\"max_age\":604800,\"endpoints\":[{\"url\":\"https://a.nel.cloudflare.com/report/v4?s=mXJWpey0G%2BwBfJa2ydQhHgWbAjWTBv6uqJR8Z7XKAvgRxhDt%2FVQKS%2BEebZF8gyIyR9QruO3%2FkrkLgTc
    "19": "x-frame-options: SAMEORIGIN",
    "20": "x-content-type-options: nosniff",
    "21": "x-xss-protection: 0",
    "22": "referrer-policy: strict-origin-when-cross-origin",
    "23": "strict-transport-security: max-age=63072000; includeSubDomains; preload",
    "24": "nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "25": "cf-cache-status: DYNAMIC",
    "26": "speculation-rules: \"/cdn-cgi/speculation\"",
    "27": "cf-ray: a27dc9060c3ff900-SIN",
    "28": "alt-svc: h3=\":443\"; ma=86400"
}
```


IPv6 HTTP (port 80)

HTTP Status	200
Connected IP	2606:4700:3034::6815:553b
Connect Time	17.68 ms
TTFB	109.87 ms
Total Time	109.97 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Date: Sat, 08 Aug 2026 10:19:51 GMT",
    "2": "Content-Type: text/html; charset=UTF-8",
    "3": "Connection: keep-alive",
    "4": "Location: https://pendakwah.tech/",
    "5": "Speculation-Rules: \"/cdn-cgi/speculation\"",
    "6": "Report-To: {\"group\":\"cf-
nel\",\"max_age\":604800,\"endpoints\":[{\"url\":\"https://a.nel.cloudflare.com/report/v4?s=ApcaSyYE4m91UCWTGyHMvWOmvQRjfZ8nSuo9Ojx13gJ48N2FGhEEx6f01hwHx68Xl%2B571%2BasAoxHmfOChY
    "7": "Nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "8": "Server: cloudflare",
    "9": "CF-RAY: a27dc8fdba4dcdf6-SIN",
    "10": "alt-svc: h3=\":443\"; ma=86400",
    "12": "HTTP/2 200",
    "13": "date: Sat, 08 Aug 2026 10:19:51 GMT",
    "14": "content-type: text/html; charset=utf-8",
    "15": "server: cloudflare",
    "16": "last-modified: Wed, 22 Jul 2026 22:03:54 GMT",
```

```
    "17": "vary: Accept-Encoding",
    "18": "report-to: {\"group\":\"cf-
nel\",\"max_age\":604800,\"endpoints\":[{\"url\":\"https://a.nel.cloudflare.com/report/v4?s=O%2BcTZ8t7Bh33ELHNQxZvKpWE9Rbmq5wMjGPcMEAlpaqCBJnrmZ2VaxEe74QAPVm%2BOigQJXtb89ylgr6GiLL
    "19": "x-frame-options: SAMEORIGIN",
    "20": "x-content-type-options: nosniff",
    "21": "x-xss-protection: 0",
    "22": "referrer-policy: strict-origin-when-cross-origin",
    "23": "strict-transport-security: max-age=63072000; includeSubDomains; preload",
    "24": "nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "25": "cf-cache-status: DYNAMIC",
    "26": "speculation-rules: \"/cdn-cgi/speculation\"",
    "27": "cf-ray: a27dc8fe0d111e3f-SIN",
    "28": "alt-svc: h3=\":443\"; ma=86400"
}
```


IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	172.67.202.190
Connect Time	8.09 ms
TTFB	75.07 ms
Total Time	75.12 ms

Response Headers:


```
[
    "HTTP/2 200",
    "date: Sat, 08 Aug 2026 10:19:52 GMT",
    "content-type: text/html; charset=utf-8",
    "server: cloudflare",
    "last-modified: Wed, 22 Jul 2026 22:03:54 GMT",
    "vary: Accept-Encoding",
    "report-to: {\"group\":\"cf-
nel\",\"max_age\":604800,\"endpoints\":[{\"url\":\"https://a.nel.cloudflare.com/report/v4?s=1iFRZNj1Z9bjhRnPFXMQlZIGNSUMjtXk2D92L5YhxKZZ1QA6MoLxuY11Gu%2FkWIiq2r62O0gnlLAwv38T8PjGE
    "x-frame-options: SAMEORIGIN",
    "x-content-type-options: nosniff",
    "x-xss-protection: 0",
    "referrer-policy: strict-origin-when-cross-origin",
    "strict-transport-security: max-age=63072000; includeSubDomains; preload",
    "nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "cf-cache-status: DYNAMIC",
    "speculation-rules: \"/cdn-cgi/speculation\"",
    "cf-ray: a27dc9067b358b16-SIN",
    "alt-svc: h3=\":443\"; ma=86400"
]
```


IPv6 HTTPS (port 443)

HTTP Status	200
Connected IP	2606:4700:3031::ac43:cabe
Connect Time	8.57 ms
TTFB	1171.52 ms
Total Time	1171.59 ms

Response Headers:


```
[
    "HTTP/2 200",
    "date: Sat, 08 Aug 2026 10:19:51 GMT",
    "content-type: text/html; charset=utf-8",
    "server: cloudflare",
    "last-modified: Wed, 22 Jul 2026 22:03:54 GMT",
    "vary: Accept-Encoding",
    "report-to: {\"group\":\"cf-
nel\",\"max_age\":604800,\"endpoints\":[{\"url\":\"https://a.nel.cloudflare.com/report/v4?s=ElvyKDR29jgkFn3Ti%2Bjdg69S8GqfHrOw63%2F75n8wT1cvjsJ5P1Sf%2BTz7Evntyrw08ffpzA%2BsTCG8oG
    "x-frame-options: SAMEORIGIN",
    "x-content-type-options: nosniff",
    "x-xss-protection: 0",
    "referrer-policy: strict-origin-when-cross-origin",
    "strict-transport-security: max-age=63072000; includeSubDomains; preload",
    "nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "cf-cache-status: DYNAMIC",
    "speculation-rules: \"/cdn-cgi/speculation\"",
```

```
    "cf-ray: a27dc9015833b841-SIN",
    "alt-svc: h3=\":443\"; ma=86400"
]
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.006703 0.030017
TCP Connect IPv6 → port 80	301 0.007128 0.036999
TCP Connect IPv4 → port 443	200 0.007154 0.077059
TCP Connect IPv6 → port 443	200 0.007695 0.070613

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
```