


# IPv6 Readiness Report

pendakwah.tech — pendakwah.tech

Category: Enterprise • Generated: 21 Apr 2026, 18:01 MYT • Last Checked: 07 Mar 2026, 08:58 MYT • Verification ID: 85efdadc-13fa-4fe2-9330-75d8258e75b0

Report generated from National IPv6 Readiness Monitor — <https://ipv6.my6.my>

Audit trail: <https://ipv6.my6.my/audit/85efdadc-13fa-4fe2-9330-75d8258e75b0>

 <b>Compliant</b> <small>MGv6C-1.0</small>	<b>95%</b> <b>Fully IPv6 Ready</b>	<b>IPv6-ONLY READINESS</b> Website: <span style="color: green;">✓ Ready</span> DNS: <span style="color: green;">✓ Ready</span> Email: <span style="color: green;">✓ Ready</span>
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<b>IPv6 ADDRESSES</b> 2600:1901::84ef:0:0:0	<b>IPv4 ADDRESSES</b> 34.120.137.41
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## Network Information (WHOIS / RDAP)

	IPv6 Network	IPv4 Network
Organization	Google LLC	Google LLC
Country	US	US
ASN	AS396982	AS396982
ASN Name	GOOGLE-CLOUD-PLATFORM - Google LLC, US	GOOGLE-CLOUD-PLATFORM - Google LLC, US
Network (CIDR)	2600:1900::/28	34.64.0.0/10

Web Services (35%) <span style="float: right;">8 / 8</span>			
#	CHECK	RESULT	DETAIL
1	<b>AAAA Record</b>	PASS	2600:1901::84ef:0:0:0
2	<b>Globally Routable IPv6</b>	PASS	All addresses are globally routable.
3	<b>HTTP over IPv6</b>	PASS	HTTP (port 80) responds over IPv6 — 1081ms TTFB.
4	<b>HTTPS over IPv6</b>	PASS	HTTPS (port 443) responds over IPv6 — 846ms TTFB.
5	<b>IPv6-Only Reachability</b>	PASS	Site is fully reachable via IPv6-only.
6	<b>TLS Certificate Valid (IPv6)</b>	PASS	Certificate valid — issued by C = US, O = Let's Encrypt, CN = E7, expires May 8 06:05:00 2026 GMT
7	<b>Dual-Stack (IPv4 + IPv6)</b>	PASS	Domain has both A and AAAA records.
8	<b>HTTP/3 (QUIC)</b>	PASS	Alt-Svc: h3 header detected.

DNS & DNSSEC (25%) <span style="float: right;">4 / 5</span>			
#	CHECK	RESULT	DETAIL
1	<b>NS Has AAAA Record</b>	PASS	Nameserver has IPv6 address.
2	<b>NS Reachable via IPv6</b>	PASS	Nameserver is reachable via IPv6 on port 53.
3	<b>NS Answers Queries via IPv6</b>	PASS	DNS queries answered over IPv6.
4	<b>DNSSEC Validated</b>	PASS	DNSSEC fully validated.
5	<b>Reverse DNS (PTR)</b>	FAIL	No PTR record found.
6	<b>DS Record at Parent</b>	PASS	DS record found at parent zone.
7	<b>RRSIG Valid</b>	PASS	RRSIG signatures are current and valid.
8	<b>Signing Algorithm</b>	INFO	ECDsap256SHA256

Email Services (25%) <span style="float: right;">6 / 6</span>			
#	CHECK	RESULT	DETAIL
1	<b>MX Record Exists</b>	<b>PASS</b>	MX record found.
2	<b>MX Server Has IPv6</b>	<b>PASS</b>	MX server has AAAA record.
3	<b>SMTP Reachable via IPv6</b>	<b>PASS</b>	SMTP port 25 responds over IPv6.
4	<b>STARTTLS over IPv6</b>	<b>PASS</b>	STARTTLS supported over IPv6.
5	<b>SPF Record</b>	<b>PASS</b>	SPF record found.
6	<b>DKIM Selector</b>	<b>INFO</b>	DKIM selector found: selector1._domainkey
7	<b>DMARC Record</b>	<b>PASS</b>	DMARC record found.

IPv4 Baseline (15%) <span style="float: right;">3 / 3</span>			
#	CHECK	RESULT	DETAIL
1	<b>A Record</b>	<b>PASS</b>	34.120.137.41
2	<b>HTTP over IPv4</b>	<b>PASS</b>	HTTP (port 80) responds over IPv4 — 289ms TTFB.
3	<b>HTTPS over IPv4</b>	<b>PASS</b>	HTTPS (port 443) responds over IPv4 — 55ms TTFB.

### Audit Trail & Evidence Record

Verification ID	85efdadc-13fa-4fe2-9330-75d8258e75b0
Domain	pendakwah.tech
Check Mode	Manual
Status	Completed
Started	07 Mar 2026, 08:57:54 MYT
Finished	07 Mar 2026, 08:58:03 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/85efdadc-13fa-4fe2-9330-75d8258e75b0

### Integrity Verification

<span style="color: green;">✓ INTEGRITY VERIFIED</span>	
Algorithm	hmac-sha256-v1
Root Hash	8f04d3dcdcfc348ad14e2d3dc4253a829754ab1d293984171d39195ad4b66025
http_headers	02c7522402e7f72426822a6e3df29a7cdf4ce4e84fb3a5b0a2155fe010ea4d18
dns_responses	633e3fd35c538f6f252ca15233a7e68f39224bf432b228c7ea88a9fa8a19382c
tls_handshake	06d42b5ddd8af74cadab52260d98524a0135b64a85e7e058c4bff27f55484a7a
connectivity_log	c76c775c9dff0305ea140b765c1d8138a129251e8a1d49d37676783cc55f4763
dns_resolution_times	8a943946640d907051e60b3e5d8ad9c23bd1807c3f2f18517a2ab0a324f2adc9

### Test Node Identity

Os	Linux srv1440888 6.8.0-101-generic #101-Ubuntu SMP PREEMPT_DYNAMIC Mon Feb 9 10:15:05 UTC 2026 x86_64
Hostname	srv1440888
Php Version	8.3.30
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	7.6	16.84	16	17.5	+8.4
Google	IPv4	37.15	40.19	19.08	29.98	-18.1
Google	IPv6	21.04	22.01	29.91	30.35	+8.9
Cloudflare	IPv4	19.05	19.13	20.07	21.15	+1
Cloudflare	IPv6	24.07	39.16	18.84	33.61	-5.2



## DNS Evidence

### A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 38080
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
pendakwah.tech. 3600 IN A 34.120.137.41
```

### DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 54418
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
pendakwah.tech. 3600 IN DS 2371 13 2 F613C22270F4CE20DF7F513F1505BAB8D2C01EB2807455D7E80500A7 09462D13
```

### MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 41129
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
pendakwah.tech. 300 IN MX 0 pendakwah-tech.mail.protection.outlook.com.
```

### NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 17828
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
pendakwah.tech. 21600 IN NS elsa.ns.cloudflare.com.
pendakwah.tech. 21600 IN NS theo.ns.cloudflare.com.
```

### TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 52116
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
pendakwah.tech. 300 IN TXT "google-site-verification=GdE0MBZfYsDMYKqHl0dNo9I2ChM2a_U9ERingiqbje0"
pendakwah.tech. 300 IN TXT "v=spf1 include:spf.protection.outlook.com ~all"
```

### AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 37130
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
pendakwah.tech. 120 IN AAAA 2600:1901:0:84ef::
```

### RRSIG

```
elsa.ns.cloudflare.com. dns.cloudflare.com. 2398242658 10000 2400 604800 1800
SOA 13 2 1800 20260307175757 20260305155757 34505 pendakwah.tech. 8d7zKMRx0KdjKdkicsoMYiHJdlJzjXfTNS85Qckfd8yp42CDASL3z0gU PodfxYnpPm54Y5mk7GpwI3hQAs0dEQ==
```

### DNSKEY

```
;; Got answer:
```

```
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 47303
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
pendakwah.tech. 3596 IN DNSKEY 256 3 13 oJMRESz5E4gYz5/q6XDrvU1qMPYIjCwzJa0au8XNEZeqCYKD5ar0IRd8 KqXXFJkqmVfRvMGpM1x8fGaa2XhSA==
pendakwah.tech. 3596 IN DNSKEY 257 3 13 mdsswUyr3DPW132m0i8V9xESWE8jTo0dxCjjnopKL+GqJxpVXckHAeF+ KkxLbxILfDLUT0rAK9iUzy1L53eKGQ==
```

**DNSSEC\_VALIDATION**

```
; fully validated
pendakwah.tech. 1800 IN SOA elsa.ns.cloudflare.com. dns.cloudflare.com. 2398242658 10000 2400 604800 1800
pendakwah.tech. 1800 IN RRSIG SOA 13 2 1800 20260307175801 20260305155801 34505 pendakwah.tech. KG2xTr40Kj0j+UzbGyZa9ZZ/u5h+axYE8QEnxlznej/tkW+kBCnXE0q
D3vD0qCg359UD0+tDzihCLWX2Mz4Hw==
```



TLS Handshake Evidence

IPV4 Connection

IP Used	34.120.137.41
IP Version	4

```
depth=2 C = US, O = Internet Security Research Group, CN = ISRG Root X1
verify return:1
depth=1 C = US, O = Let's Encrypt, CN = E7
verify return:1
depth=0 CN = pendakwah.tech
verify return:1
CONNECTED(00000010)
...
Certificate chain
 0 s:CN = pendakwah.tech
  i:C = US, O = Let's Encrypt, CN = E7
  a:PKKEY: id-ecPublicKey, 384 (bit); sigalg: ecdsa-with-SHA384
  v:NotBefore: Feb  7 06:05:01 2026 GMT; NotAfter: May  8 06:05:00 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDPjCCAYygAwIBAgISBbQbKA4s9wLGG0CiE5W5EjwHMAoGCCqGSM49BAMDMDIX
CzAJBgNVBAYTALVTMRyWFAyDQoKewIMZQncyBFbmNyeXB0MQswCQYDVQDEwJF
NzAeFw0yNjAyMDcwNjA1MDFaFw0yNjA1MDgwNjA1MDBaMBkxZzAVBgNVBAMTDnBl
bmRha3dhaC50ZWNoMHYwEAYHKOZIzj0CAQYFK4EEACIDYgAEUFR0hi9SoY30cEKs
pM6RXgvgCSMYg1EK0hpti0z5s0YXJoLiOUAQIEBRE6zLFUa+JCzS8mkeFk33o6b
yoxZqUNZsjFdAuf/npQCdBQdFEgNQxqc7JxjzEI0Sz08YLQo4ICHDCCAhgwDgYD
VR0PAQH/BAQDAgeAMB0GA1UdJQQWMBQGCcsGAOUFBwMBBggrrBgEFBQcDAjAMBGNV
HRMBAf8EAjAAMB0GA1UdDgQWBBLVDLaXkFwvzHjy0finVL7rzLTTAfbgNVHSMG
DAWgBSUsJ7chx1EoG/aouVgdAR4wpwAgDAyBggrrBgEFBQcBAQOMCQwIgyIKwYB
BOUHMKGfMh0dHA6Ly9lNy5pLmXlbnM9yZy8wGQYDVR0RBBIwEII0ccGVuZGFr
d2FoLnRlY2gwEwYDVR0gBAwwCjAIBGZngQwBAgEwLAYDVR0FBCUwIzAhoB+gHYyb
aHR0cDovL2U3LmMubGVuY3Iub3JnLnZguY3JsmIIBBQYKwYBBAHwEIQEAgSB9gSB
8wDxAHcaZBEBkQ57KeJHKIClgC8q08oB9QeNser6v7VA8l9zfAAAGcNumzkgAA
BAMASDBGAiEAuurwrZ1MrckHbVNUJMq6rDxoYsWcRyr9JZ6cHkcccCIQDKI5ZB
auMO/gXEq+JTLzLsMkLoEaQ56HFqRhjuNSQ5/gB2AMs49xWJfIShRF9bwd37yW7y
mLnNRppBYWwyxTDFJnAAABnDbps6gAAQDAEcwRQIgf+73HXUIrDLvLmoQPXr
hXV05w5anDapWrL4K9G1x4kIQCLRuhlnf10f4LLkbuDIIitLCX1+2gRXNTYyDDCV
dqw+yTAKBggqhkJOPQDQAwNoADBLAjB1MJNnt1VyuNdS7cB/dmgfDOAUDj9/85j
SMOHcn/7iKuQPNET1f2PKeuMBkzTi8CMQDayy3qDABpj7alwxEI0S5xZrVr7cp
gJI0rXS8f+Zo51Y7HTbrnI+7d7TdqdrPmhI=
-----END CERTIFICATE-----
 1 s:C = US, O = Let's Encrypt, CN = E7
  i:C = US, O = Internet Security Research Group, CN = ISRG Root X1
  a:PKKEY: id-ecPublicKey, 384 (bit); sigalg: RSA-SHA256
  v:NotBefore: Mar 13 00:00:00 2024 GMT; NotAfter: Mar 12 23:59:59 2027 GMT
-----BEGIN CERTIFICATE-----
MIIIEVzCCAj+gAwIBAgIRAKp18eYrjwoiCwbTi7/UuqEwDQYJKoZIhvcNAQELBQAw
TzELMAKGA1UEBhMCMVVMxKTAnBgNVBAoTIEludGVybmV0IFNlY3VyaXR5IFJlc2Vh
cmNoIEIediyb3VwMRUwEwYDQDEwJUIHIFJvb3QwDQYwHhcNMjQwMzEzMDAwMDAw
WhcNMjcwMzEyMjU0U0UwJAYMqswCQYDVQDEwJVVzEwMBQGA1UEChMNTG0J3Mg
RW5jcnlwdDELMAKGA1UEAxMCRTRwdjAQBgcqhkJOPQIBBQYDQYwQAIgNiAARB6AST
CFh/vjcwDMCgQer+VtqEkz7JANurZxLP+U9TCEioL6sp5Z8VRvRbYk4P1INBmbef
QHJFHCxcSjKmwvtgBwpl/9ra8HW0QDsUaJw2qQJqceJ0ZVFT3hbUHiFBM/2jgfgw
gfUwDgYDVR0PAQH/BAQDAgGMB0GA1UdJQQWMBQGCcsGAOUFBwMCBggrrBgEFBQcD
ATASBgNVHRMBAf8ECDAGAQH/AgEAMBA0GA1UdDgQWBBSUsJ7chx1EoG/aouVgdAR4
wpwAgDAfBgNVHSMGDAWgBR5Tfme7b15AFzgaAiIyBpY9umbbjAyBggrrBgEFBQcB
AQOMCQwIgyIKwYBBOUHMKGfMh0dHA6Ly94M55pLmXlbnM9yZy8wEwYDVR0g
BAwwCjAIBGZngQwBAgEwYDVR0FBCAwHjAcoBqggIYwHR0cDovL3gxLmMubGVu
Y3Iub3JnLnZANBgkqhkiG9w0BAQsFAAOCAGEAjx66fDdLk5yWFn3CzA1w1qfyLHUD
aEf0QZpXcJseddJGSfbUu0vbNR9N/QQ16K1LX14VfyhmGXDT5Kdfcr0RvIIVrNxF
h4lqHtRRCP6RBRstqbz2ZURgqkn/Xip0iaQL0IdfHBZr396FgknniRYFckKORPG
yM30Knd66gtMst8I5nkRQlAg/Jb+Gc3egIvuGKwboE1G89NTsN9LTD3PLj0dUmr
0IuqVjLB8pEC6yk9enrlrjqXQgkLEYHxZq7dLafv5VkiG6L0nuuqjqfP0Q1bi1o
yVNAIXe6aUxw92CcgHC9bNsKE01+m52Y5+ofIXLS/SEQbvVYYBLZ5yeigLV6t3S
MGH+vtG0aP9YHzLn/KV0HzG0fXDP7qM5tkf+7diZe7o2fw607IvN6fsQXE0Qj8JT
UXJxv2/uJhcuy/tSDgXwHM8UK34WNBRT7zGTGkQRX0gsbjAea/jYAow0ZvQRwpq
Pe79D/i7Cep8WnA+7AE/3B3S/3dEYmc0lpe1366A/6GEgk3ktr9PEoQrLChs6I
tu3wnNLB2euC8IKGLQFPgt00/2/hiAKjyajaBP25w1jF0Wl8Bbqne3uZ2q1GyPFJ
YRmT7/OXpmOH/FVLtwS+8ng1cAmpCujPwteJZNCdG0sF2n/sc0+SQf49fdyUK0ty
+VUwFj9tmWxyR/M=
-----END CERTIFICATE-----
...
Server certificate
subject=CN = pendakwah.tech
issuer=C = US, O = Let's Encrypt, CN = E7
...
No client certificate CA names sent
Peer signing digest: SHA384
```

```
Peer signature type: ECDSA
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 2487 bytes and written 396 bytes
Verification: OK
---
New, TLSv1.3, Cipher is TLS_AES_256_GCM_SHA384
Server public key is 384 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	2600:1901::84ef:0:0:0:0
IP Version	6

```
depth=2 C = US, O = Internet Security Research Group, CN = ISRG Root X1
verify return:1
depth=1 C = US, O = Let's Encrypt, CN = E7
verify return:1
depth=0 CN = pendakwah.tech
verify return:1
CONNECTED(00000010)
---
Certificate chain
0 s:CN = pendakwah.tech
i:C = US, O = Let's Encrypt, CN = E7
a:PKKEY: id-ecPublicKey, 384 (bit); sigalg: ecdsa-with-SHA384
v:NotBefore: Feb 7 06:05:01 2026 GMT; NotAfter: May 8 06:05:00 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDpjCCAYygAwIBAgISBbQBkA4s9WlGg0CiE5W5EjwHMAoGCCqGSM49BAMDMDIx
CzAJBgNVBAYTALVTMRyWFAYDVoQKEwIMZQncyBFbmNyeXB0MQswCQYDVoQDEwFj
NzAeFw0yNjA1MDcwNjA1MDFaFw0yNjA1MDg0NjA1MDBaMBkxFzAVBGNVBAWMDnBl
bmRha3dhaC50ZWNoMHYwEAYHKoZIzj0CAQYFK4EEACIDYgAEUFR0hi9SoY30cEKs
pM6RXgvgCSMYg1EKQhpt10z5s0YXJoLi0UAQIEBRE6zLFUa+ajCZs8mkeFk33o6b
yoxXZqUNZsjFduF/npQcdBQdFEgNQxc7JxjzEIOsZ08YLQo4ICHDCCAhgwDgYD
VR0PAQH/BAQDAgeAMB0GA1UdJQQWMBQGCcsGAQUFBwMBBggrBgEFBQcDAjAMBGNV
HRMBAF8EAjAAMB0GA1UdDgQWBQLBVDLaXkFWvzHJy0finVL7rzLTtAfBgNVHSME
GDAWgBSU5J7chx1EoG/aoUvGdAR4wpwAgDAyBgggrBgEFBQcBAQQmCQwIgyIKwYB
BQUHMAKGFmh0dHA6Ly9lNy5pLmXlbnNlLnNlLnNlLnNlLnNlLnNlLnNlLnNlLnNlLn
2f0LrNLY2gwEwYDVR0gBAwwCjAIBgZngQwBAgEwLAYDVR0fBFCUwIzAhoB+ghYYb
aHR0cDovL2U3LmMubGvUy3Iub3JnLzguY3J3MIIBBQYKKwYBBAAHQIEAgS89gSB
8wDxAHcAZBHEBkQS7KeJHKICLgC8q080B90eNSer6v7VA8l9zFAAAGcNumzkgAA
BAMASDBGAIEAvurwrZIMrckHbVNuMjMq6rDxo5WcRyr9JZ6cHkcccCIQDKI5ZB
auMO/gXEq+JTLzLsMkLoEaQ56HFqRhjUNSQ5/gB2AMs49xWJfIShRF9bwd37yW7y
mLnNRwppBYWyxTDFJnAAABnDbps6gAAAQDAEcwRQIgf+73HXUIrdLv1moQPPXr
hXV05w5anDAPwrL4K9G1x4kCIQCRLuhlf10f4LLkbuDIITLCX1+2gRXNTYyDDVC
dgmw+yTAKBggqhkJ0PQQDAwNoADBIAjBlMZJnnt1YvUdS7c8/dmgfDOAUDj9/85j
SM0Hcn/7iKuQpPNET1f2PKeuMBkzTI8CMQDayy3qDABpj7aLwxel055xzrVr7cp
gJI0rXS8f+Zo51Y7HTbrnI+7d7dqdrPmhI=
-----END CERTIFICATE-----
1 s:C = US, O = Let's Encrypt, CN = E7
i:C = US, O = Internet Security Research Group, CN = ISRG Root X1
a:PKKEY: id-ecPublicKey, 384 (bit); sigalg: RSA-SHA256
v:NotBefore: Mar 13 00:00:00 2024 GMT; NotAfter: Mar 12 23:59:59 2027 GMT
-----BEGIN CERTIFICATE-----
MIIEvzCCAj+gAwIBAgIRAKp18eYrjwoiCwbTi7/UuqEwDQYJKoZIhvcNAQELBQAw
TzELMAKGA1UEBhMCVVMxKTAnBgNVBAoTIEludGvYbWV0IFNlY3VyaXR5IFJlc2Vh
cmNoIEYdyb3VwMRUwEwYDVoQDEwJUIHIFJvb3QwWDEwHhcnMjQwMzEzMDAwMDAw
WhcnMjcwMzEyMjM1OTU5WjA1MDQwEwYDVoQDEwJUIzEWMBOGA1UEChMNTG03MjMg
RW53cnlwdDELMAGALUEAxMCRtcwdjAQBgcqhkJ0PQIBBgUrgQQAIgNiAARB6AST
CFh/vjcwDMCgQer+VtqEkz7JANurZxLP+U9TCeioL6sp5Z8VRvRbYk4P1INBmbeF
QHJFHxcSjKmwTVGBWpL/9ra8HW0QDsUaJw2qQjceJ0ZVFT3hbUHiFBM/2jgfwD
gfUwDgYDVR0PAQH/BAQDAgGMB0GA1UdJQQWMBQGCcsGAQUFBwMBBggrBgEFBQcD
ATASBgNVHRMBAF8ECDAGAQH/AgEAMB0GA1UdDgQWBBSU5J7chx1EoG/aoUvGdAR4
wpwAgDAFbGNVHSMEDGAWgBR5tFnme7b15AFZgAiiTyBpY9umbbjAyBgggrBgEFBQcB
AQ0mCQwIgyIKwYBBQUHMAKGFmh0dHA6Ly94M5pLmXlbnNlLnNlLnNlLnNlLnNlLnNlLn
BAwwCjAIBgZngQwBAgEwJwYDVR0fBFAwHjAcoBggGIYwAHR0cDovL3g3LmMubGvU
Y3Iub3JnLzguY3J3ANBgkqhkiG9w0BAQsFAAOCAGEAjx66fDdLk5yFn3CzA1w1qfyLH
uDAEF0QZpXcJsedJGSfBU0UvbnR9N/QQ16K1LX14VfYhmGXTD5KdfcR0RvIIVrNxf
h4lHtRRCP6RBRstqbZ2zURgqakn/Xip0iaQL0IdfHBZr396FgknniRYFckKORPG
yM30Knd66gtMt8I5nkRQlAg/Jb+Gc3egIvuGKwBoE1G89NTsN9LTD3PLj0dUMr
0IuqVjLB8pEC6yk9enrlrqjXQgkLEyhXzq7dLaFv5VkiG6G6L0nuuqjfqP001bi1o
```

```
yVNA1Xe6aUXw92CcghC9bNsKE01+m52YY5+ofIXLS/SEQbvVYYBLZ5yeiglV6t3S
M6H+vTG0aP9YHzLn/KV0HzG0fXDP7qM5tkf+7diZe7o2fw607IvN6fsQXEQJ8TJ
UXJxv2/uJhcuy/tSDgXwHM8Uk34wNbRT7zGTGkQRX0gsbjAea/jYAowV0ZvQRwpq
Pe79D/i7Cep8qWnA+7AE/3B3S/3dEEYmc0Lpe1366A/6GEgk3ktr9PEoQrLChs6I
tu3wnNLB2euC8IKGLQFpGt00/2/hiAKjyajaBP25w1jF0wL8Bbqne3uZ2q1GyPFJ
YRmT7/OXpm0H/FVltwS+8ng1cAmpCujPwteJZnCDG0sF2n/sc0+S0f49fdyUK0ty
+VUwFj9tmWxyR/M=
-----END CERTIFICATE-----
---
Server certificate
subject=CN = pendakwah.tech
issuer=C = US, O = Let's Encrypt, CN = E7
---
No client certificate CA names sent
Peer signing digest: SHA384
Peer signature type: ECDSA
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 2488 bytes and written 396 bytes
Verification: OK
---
New, TLSv1.3, Cipher is TLS_AES_256_GCM_SHA384
Server public key is 384 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	34.120.137.41
Connect Time	3.31 ms
TTFB	266.43 ms
Total Time	266.52 ms

#### Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Server: openresty",
  "2": "Date: Fri, 06 Mar 2026 16:58:02 GMT",
  "3": "Content-Type: text/html",
  "4": "Content-Length: 166",
  "5": "Location: https://pendakwah.tech/",
  "6": "X-Hostinger-Datacenter: gcp-uscl",
  "7": "X-Hostinger-Node: gcp-uscl-builder-edge2",
  "8": "Content-Security-Policy: frame-ancestors zyro.com *.zyro.com *.builder-preview.com *.zyro.space *.hostinger.com *.hostinger.io *.hostinger.in *.hostinger.co.uk",
  "9": "Link: <https://assets.zyrosite.com>; rel=preconnect; crossorigin, <https://userapp.zyrosite.com>; rel=preconnect; crossorigin, <https://fonts.googleapis.com>; rel=preconnect; crossorigin, <https://fonts.gstatic.com>; rel=preconnect; crossorigin, <https://cdn.zyrosite.com>; rel=preconnect; crossorigin",
  "10": "Strict-Transport-Security: max-age=63072000; includeSubDomains; preload;",
  "11": "X-Content-Type-Options: nosniff",
  "12": "X-Powered-By: HostingerWebsiteBuilder",
  "13": "platform: hostinger",
  "14": "X-XSS-Protection: 1; mode=block",
  "15": "Via: 1.1 google",
  "17": "HTTP/2 200",
  "18": "server: openresty",
  "19": "date: Fri, 06 Mar 2026 16:58:02 GMT",
  "20": "content-type: text/html",
  "21": "cf-ray: 9d82e726babbf91-SIN",
  "22": "cache-control: max-age=0, no-store",
  "23": "expires: Wed, 04 Mar 2026 05:54:44 GMT",
  "24": "last-modified: Thu, 29 Jan 2026 02:20:43 GMT",
  "25": "cf-cache-status: HIT",
  "26": "age: 212597",
  "27": "accept-ranges: bytes",
  "28": "set-cookie: __cf_bm=6pq0sdGdPSuBmVN_awLMV7bCiZmUxOPLPTpiiW1dY-1772816282-1.0.1.1-MBMqDPl7AR2RNusVg9WXG0WLE_1F19LQRiBsjV905o7r77kxAikVW74oxUJqXnmW1DloxEHBT.LTRomakk80fWoKsnEP71XC1uK4sjLGPo7c; path=/; expires=Fri, 06-Mar-26 17:28:02 GMT; domain=.zyro.com; HttpOnly",
  "29": "alt-svc: h3=\":443\"; ma=86400",
  "30": "x-hostinger-datacenter: gcp-asse1",
  "31": "x-hostinger-node: gcp-asse1-builder-edgel",
  "32": "content-security-policy: frame-ancestors zyro.com *.zyro.com *.builder-preview.com *.zyro.space *.hostinger.com *.hostinger.io *.hostinger.in *.hostinger.co.uk",
  "33": "link: <https://assets.zyrosite.com>; rel=preconnect; crossorigin, <https://userapp.zyrosite.com>; rel=preconnect; crossorigin, <https://fonts.googleapis.com>; rel=preconnect; crossorigin, <https://fonts.gstatic.com>; rel=preconnect; crossorigin, <https://cdn.zyrosite.com>; rel=preconnect; crossorigin",
  "34": "strict-transport-security: max-age=63072000; includeSubDomains; preload;",
  "35": "x-content-type-options: nosniff",
  "36": "x-powered-by: HostingerWebsiteBuilder",
  "37": "platform: hostinger",
  "38": "x-xss-protection: 1; mode=block"
}
```

### IPv6 HTTP (port 80)

HTTP Status	200
Connected IP	2600:1901:0:84ef::
Connect Time	5.06 ms
TTFB	271.73 ms
Total Time	271.83 ms

#### Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
```

```

"1": "Server: openresty",
"2": "Date: Fri, 06 Mar 2026 16:58:02 GMT",
"3": "Content-Type: text/html",
"4": "Content-Length: 166",
"5": "Location: https://pendakwah.tech/",
"6": "X-Hostinger-Datacenter: gcp-uscl",
"7": "X-Hostinger-Node: gcp-uscl-builder-edge3",
"8": "Content-Security-Policy: frame-ancestors zyro.com *.zyro.com *.builder-preview.com *.zyro.space *.hostinger.com *.hostinger.io *.hostinger.in *.hostinger.co.uk",
"9": "Link: <https://assets.zyrosite.com>; rel=preconnect; crossorigin, <https://userapp.zyrosite.com>; rel=preconnect; crossorigin, <https://fonts.googleapis.com>; rel=preconnect; crossorigin, <https://fonts.gstatic.com>; rel=preconnect; crossorigin, <https://cdn.zyrosite.com>; rel=preconnect; crossorigin",
"10": "Strict-Transport-Security: max-age=63072000; includeSubDomains; preload;",
"11": "X-Content-Type-Options: nosniff",
"12": "X-Powered-By: HostingerWebsiteBuilder",
"13": "platform: hostinger",
"14": "X-XSS-Protection: 1; mode=block",
"15": "Via: 1.1 google",
"17": "HTTP/2 200",
"18": "server: openresty",
"19": "date: Fri, 06 Mar 2026 16:58:02 GMT",
"20": "content-type: text/html",
"21": "cf-ray: 9d82e724b945408f-SIN",
"22": "cache-control: max-age=0, no-store",
"23": "expires: Wed, 04 Mar 2026 05:54:44 GMT",
"24": "last-modified: Thu, 29 Jan 2026 02:20:43 GMT",
"25": "cf-cache-status: HIT",
"26": "age: 212597",
"27": "accept-ranges: bytes",
"28": "set-cookie: __cf_bm=ym5ZQmiVkhHgLNOGyKfAdwmaQKnndkM9SI1fpHdUru3k-1772816282-1.0.1.1-5t3z804icLBX_EkuL.tRfj9SHuHwDxnDL5rSSYtAoyPiPLC2E1fJoKlK9EBUkkrVKkxEsRz0SptT3bG2EQNPko5aN4Sip42sXjN88UPaA; path=/; expires=Fri, 06-Mar-26 17:28:02 GMT; domain=.zyro.com; HttpOnly",
"29": "alt-svc: h3=\":443\"; ma=86400",
"30": "x-hostinger-datacenter: gcp-assel",
"31": "x-hostinger-node: gcp-assel-builder-edge3",
"32": "content-security-policy: frame-ancestors zyro.com *.zyro.com *.builder-preview.com *.zyro.space *.hostinger.com *.hostinger.io *.hostinger.in *.hostinger.co.uk",
"33": "link: <https://assets.zyrosite.com>; rel=preconnect; crossorigin, <https://userapp.zyrosite.com>; rel=preconnect; crossorigin, <https://fonts.googleapis.com>; rel=preconnect; crossorigin, <https://fonts.gstatic.com>; rel=preconnect; crossorigin, <https://cdn.zyrosite.com>; rel=preconnect; crossorigin",
"34": "strict-transport-security: max-age=63072000; includeSubDomains; preload;",
"35": "x-content-type-options: nosniff",
"36": "x-powered-by: HostingerWebsiteBuilder",
"37": "platform: hostinger",
"38": "x-xss-protection: 1; mode=block"
}
    
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	34.120.137.41
Connect Time	1.13 ms
TTFB	58.8 ms
Total Time	58.83 ms

Response Headers:

```

[
  "HTTP/2 200",
  "server: openresty",
  "date: Fri, 06 Mar 2026 16:58:02 GMT",
  "content-type: text/html",
  "cf-ray: 9d82e7271cfbf91c-SIN",
  "cache-control: max-age=0, no-store",
  "expires: Wed, 04 Mar 2026 05:54:44 GMT",
  "last-modified: Thu, 29 Jan 2026 02:20:43 GMT",
  "cf-cache-status: HIT",
  "age: 212597",
  "accept-ranges: bytes",
  "set-cookie: __cf_bm=yYSPigcBsw5wt02F5PIBdgU5hXsnKHlo8VYV0FhMwVo-1772816282-1.0.1.1-byNgt8MpmVqL5yIK2dbC63cIj__cm9kR.SlWpODLVA4Ldh9MMnywHuqUaKYR0IeyCuBZKJyay5hn3iK4yPHQ13oRn20p6YUUGi_SpNEMr5o; path=/; expires=Fri, 06-Mar-26 17:28:02 GMT; domain=.zyro.com; HttpOnly",
  "alt-svc: h3=\":443\"; ma=86400",
  "x-hostinger-datacenter: gcp-assel",
  "x-hostinger-node: gcp-assel-builder-edge3",
  "content-security-policy: frame-ancestors zyro.com *.zyro.com *.builder-preview.com *.zyro.space *.hostinger.com *.hostinger.io *.hostinger.in *.hostinger.co.uk",
]
    
```

```
"link: <https://assets.zyrosite.com>; rel=preconnect; crossorigin, <https://userapp.zyrosite.com>; rel=preconnect; crossorigin, <https://fonts.googleapis.com>;
rel=preconnect; crossorigin, <https://fonts.gstatic.com>; rel=preconnect; crossorigin, <https://cdn.zyrosite.com>; rel=preconnect; crossorigin",
"strict-transport-security: max-age=63072000; includeSubDomains; preload;",
"x-content-type-options: nosniff",
"x-powered-by: HostingerWebsiteBuilder",
"platform: hostinger",
"x-xss-protection: 1; mode=block"
]
```

IPv6 HTTPS (port 443)

HTTP Status	200
Connected IP	2600:1901:0:84ef::
Connect Time	0.81 ms
TTFB	48.32 ms
Total Time	48.36 ms

Response Headers:

```
[
"HTTP/2 200",
"server: openresty",
"date: Fri, 06 Mar 2026 16:58:02 GMT",
"content-type: text/html",
"cf-ray: 9d82e72518c6fd1b-SIN",
"cache-control: max-age=0, no-store",
"expires: Wed, 04 Mar 2026 05:54:44 GMT",
"last-modified: Thu, 29 Jan 2026 02:20:43 GMT",
"cf-cache-status: HIT",
"age: 212597",
"accept-ranges: bytes",
"set-cookie: __cf_bm=EleKqTEySACroe7gviYws399t3rSovzmq5D5MHctJqA-1772816282-1.0.1.1-IKXE5oi8iirepFwyM4NuTbK9f48RqVe1GFw9onVzb2qUoFDv0FbFbWH5FiExTfC3WAFd8vr0.zVct7A62pTUuH.0fNeAnmt2fLlc1EMx0hQ; path=/; expires=Fri, 06-Mar-26 17:28:02 GMT; domain=.zyro.com; HttpOnly",
"alt-svc: h3=\":443\"; ma=86400",
"x-hostinger-datacenter: gcp-assel",
"x-hostinger-node: gcp-assel-builder-edge2",
"content-security-policy: frame-ancestors zyro.com *.zyro.com *.builder-preview.com *.zyro.space *.hostinger.com *.hostinger.io *.hostinger.in *.hostinger.co.uk",
"link: <https://assets.zyrosite.com>; rel=preconnect; crossorigin, <https://userapp.zyrosite.com>; rel=preconnect; crossorigin, <https://fonts.googleapis.com>;
rel=preconnect; crossorigin, <https://fonts.gstatic.com>; rel=preconnect; crossorigin, <https://cdn.zyrosite.com>; rel=preconnect; crossorigin",
"strict-transport-security: max-age=63072000; includeSubDomains; preload;",
"x-content-type-options: nosniff",
"x-powered-by: HostingerWebsiteBuilder",
"platform: hostinger",
"x-xss-protection: 1; mode=block"
]
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.001257 0.213970
TCP Connect IPv6 → port 80	301 0.001446 0.210751
TCP Connect IPv4 → port 443	200 0.003240 0.053089
TCP Connect IPv6 → port 443	200 0.001392 0.057049

**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
76.13.221.0/24 dev eth0 proto kernel scope link src 76.13.221.142
```