IPv6 Readiness Report

jps.gov.my — jps.gov.my

Scan to verify

Category: Government • Generated: 02 Nov 2026, 03:14 MYT • Last Checked: 08 Aug 2026, 18:26 MYT • Verification ID: 2003d46f-9cf9-49c1-afa0-a9d1b047cf58
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/2003d46f-9cf9-49c1-afa0-a9d1b047cf58

✗
Non-Compliant
MGv6C-1.0

35%
No IPv6 Support

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

IPV4 ADDRESSES
110.159.228.144

Network Information (WHOIS / RDAP)

	IPv4 Network
Organization	UNIFI-HOME
Country	MY
ASN	AS4788
ASN Name	TTSSB-MY - TM TECHNOLOGY SERVICES SDN. BHD., MY
Network (CIDR)	110.159.224.0/19

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	RSASHA256

Email Services (25%) 0 / 6

#	CHECK	RESULT	DETAIL
1	**MX Record Exists**	FAIL	No MX record found in DNS.
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**	FAIL	No SPF record found.
6	**DKIM Selector**	INFO	No common DKIM selector found.
7	**DMARC Record**	FAIL	No DMARC record found.

IPv4 Baseline (15%) 3 / 3

#	CHECK	RESULT	DETAIL
1	**A Record**	PASS	110.159.228.144
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 213ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 159ms TTFB.

Audit Trail & Evidence Record

Verification ID	2003d46f-9cf9-49c1-afa0-a9d1b047cf58
Domain	jps.gov.my
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:25:55 MYT
Finished	08 Aug 2026, 18:26:04 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/2003d46f-9cf9-49c1-afa0-a9d1b047cf58

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	1aafe6d6d2f6a141b1522df7729cfa0c16e0789f24acd721977c6fd639a8bda2
http_headers	03f8c743a5c547b57b1e27ef6f82340408b5010ed3e14693f34a620a4d7c4c2b
dns_responses	557936972141f47a839e474e84440f995bbec861a78bd57715631ec4505f426d
tls_handshake	7f9f6de38fe59071b996e7906cf81c497bc219f7e459e7d4660c7702641dae43
connectivity_log	2b9a6d86bf4d024296ca8175832fdbe0a68be9649c478ad5d2e5c362df72677e
dns_resolution_times	99e8fbaf3116e68cefc63b318360c507436d41de197763cd3ce2441827b6ea98

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	23.13	23.78	22.06	25.26	-1.1
Google	IPv4	47.68	155.81	56.03	168.96	+8.4
Google	IPv6	177.89	241.75	161.69	172.31	-16.2
Cloudflare	IPv4	22.62	24.82	24.23	29.29	+1.6
Cloudflare	IPv6	24.47	47.18	56.67	58.5	+32.2

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 10095
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
jps.gov.my.□□11378□IN□A□110.159.228.144
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 65337
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
jps.gov.my.□□59375□IN□DS□23125 8 2 E2833F13377F4F56621DB53E5AABC28BE6E7BE867F59F0553E1ECB76 B378F7FA
jps.gov.my.□□59375□IN□DS□23125 8 1 A00E946A62B2395D225EC4E13D31C4B556E33079
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 21570
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
jps.gov.my.□□3600□IN□SOA□dns1.gitn.net.my. root.dns1.gitn.net.my. 2022101012 10800 3600 604800 38400
```

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 8731
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
jps.gov.my.□□11378□IN□NS□dns1.gitn.net.my.
jps.gov.my.□□11378□IN□NS□dns2.gitn.net.my.
```

TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 48183
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
jps.gov.my.□□3600□IN□SOA□dns1.gitn.net.my. root.dns1.gitn.net.my. 2022101012 10800 3600 604800 38400
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 34740
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
jps.gov.my.□□3600□IN□SOA□dns1.gitn.net.my. root.dns1.gitn.net.my. 2022101012 10800 3600 604800 38400
```

RRSIG

```
dns1.gitn.net.my. root.dns1.gitn.net.my. 2022101012 10800 3600 604800 38400
SOA 8 3 38400 20260821231838 20260722221838 20826 jps.gov.my. n69bC8C64R8KsUUHvtLkLJTr+3NFQuMt7ExTjuaPXwbgkfDYrWoyDqeu
o7E/yiRIkRR7EWaBaqcvjwvPUT/HfcBlVkomfcNVa74kWl1TGAIdlbaT aHtkwL3Mdkramj4QvNbm6g/G6D8x729Hxh+a2SlDFwFumu8jX81v+BYB c4Q=
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 35161
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
jps.gov.my.□□11376□IN□DNSKEY□256 3 8 AwEAAbM5/QQR3zBHFYZEfOoNqZW0fvceyA/xrRkdbzeGCsVnQmX4SskW txUqOtc6X8iCO3smNoKWzCbz7BPBL7SUcAIPhID0xJS7r9gU10igughA
GmlFo0UaPS+t1IBYMsyNl2VQ8ChxOKUiUeSV4c6m+uaC5elNYoEHE5CD 3EpOwmkN
jps.gov.my.□□11376□IN□DNSKEY□257 3 8 AwEAAdbCiiB8rHt9EQCw3jWN8A3MbtqtXSiTh/eXSKY/3evyeRJjCQsq BG5nvtXKzVBNxo/hAe7W4YDnjixKfGyIjw4ed0TWy2wxJL4qG03h8DAx
iV9Q3sQCg4abMzwJtg8YKjR6xh+05jfE97whuu85ioeNGUelZ6C0H98Z GBfYKY+pL+dc3XVHE5t572xa59mAdAygib3dPSoFpPhdHQVPO5j9cUWi
gvjGH3FbtORF4SHQNcK4YBHS81TWd6LiiVmhHF2VXIkBPYSnMVXnxVGS qpJL10esWYHE1AFEocDlY40Mi1iNsa9Igs5STnDueMbXsy551cno2VPy uDWjQLuYZmU=
```

DNSSEC_VALIDATION

```
; fully validated
jps.gov.my.□□11375□IN□SOA□dns1.gitn.net.my. root.dns1.gitn.net.my. 2022101012 10800 3600 604800 38400
jps.gov.my.□□11375□IN□RRSIG□SOA 8 3 38400 20260821231838 20260722221838 20826 jps.gov.my. n69bC8C64R8KsUUHvtLkLJTr+3NFQuMt7ExTjuaPXwbgkfDYrWoyDqeu
o7E/yiRIkRR7EWaBaqcvjwvPUT/HfcBlVkomfcNVa74kWl1TGAIdlbaT aHtkwL3Mdkramj4QvNbm6g/G6D8x729Hxh+a2SlDFwFumu8jX81v+BYB c4Q=
```

TLS Handshake Evidence

IPV4 Connection

IP Used	110.159.228.144
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, OU = www.digicert.com, CN = GeoTrust TLS ECC CA G1
verify return:1
depth=0 C = MY, ST = Selangor, L = Cyberjaya, O = JABATAN PENGAIRAN DAN SALIRAN, CN = *.water.gov.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:C = MY, ST = Selangor, L = Cyberjaya, O = JABATAN PENGAIRAN DAN SALIRAN, CN = *.water.gov.my
   i:C = US, O = DigiCert Inc, OU = www.digicert.com, CN = GeoTrust TLS ECC CA G1
   a:PKEY: id-ecPublicKey, 384 (bit); sigalg: ecdsa-with-SHA256
   v:NotBefore: Jun 12 00:00:00 2026 GMT; NotAfter: Dec 27 23:59:59 2026 GMT
-----BEGIN CERTIFICATE-----
MIIFCTCCBK6gAwIBAgIQBR2iFEVMxKfU/FSuxk6DnTAKBggqhkjOPQQDAjBgMQsw
CQYDVQQGEwJVUzEVMBMGA1UEChMMRGlnaUNlcnQgSW5jMRkwFwYDVQQLExB3d3cu
ZGlnaWNlcnQuY29tMR8wHQYDVQQDExZHZW9UcnVzdCBUTFMgRUNDIENBIEcxMB4X
DTI2MDYxMjAwMDAwMFoXDTI2MTIyNzIzNTk1OVowdTELMAkGA1UEBhMCTVkxETAP
BgNVBAgTCFNlbGFuZ29yMRIwEAYDVQQHEwlDeWJlcmpheWExJjAkBgNVBAoTHUpB
QkFUQU4gUEVOR0FJUkFOIERBTiBTQUxJUkFOMRcwFQYDVQQDDA4qLndhdGVyLmdv
di5teTB2MBAGByqGSM49AgEGBSuBBAAiA2IABE2+zo+vo6a1K/UAZMdsBZIy2RJC
dBTCkjT9ADEYgTkOEsOx51fw2L7XfBr7fxoGojPPw7NKfzn1f0e9uTKqap3HiTNX
ONjfC6Msn5RnCVCI7ldpQn/dSX9EpM8MBo1qJaOCAxYwggMSMB8GA1UdIwQYMBaA
FL2Cz0d7Howihf6MqB/D4bLf/aaZMB0GA1UdDgQWBBR+A+eTMufqs/d+pm91em4W
ScyKvTAZBgNVHREEEjAQgg4qLndhdGVyLmdvdi5teTA+BgNVHSAENzA1MDMGBmeB
DAECAjApMCcGCCsGAQUFBwIBFhtodHRwOi8vd3d3LmRpZ2ljZXJ0LmNvbS9DUFMw
DgYDVR0PAQH/BAQDAgOIMB0GA1UdJQQWMBQGCCsGAQUFBwMBBggrBgEFBQcDAjA/
BgNVHR8EODA2MDSgMqAwhi5odHRwOi8vY2RwLmdlb3RydXN0LmNvbS9HZW9UcnVz
dFRMU0VDQ0NBRzEuY3JsMHYGCCsGAQUFBwEBBGowaDAmBggrBgEFBQcwAYYaaHR0
cDovL3N0YXR1cy5nZW90cnVzdC5jb20wPgYIKwYBBQUHMAKGMmh0dHA6Ly9jYWNl
cnRzLmdlb3RydXN0LmNvbS9HZW9UcnVzdFRMU0VDQ0NBRzEuY3J0MAwGA1UdEwEB
/wQCMAAwggF9BgorBgEEAdZ5AgQCBIIBbQSCAWkBZwB2AMIxfldFGaNF7n843rKQ
QevHwiFaIr9/1bWtdprZDlLNAAABnrxtkU0AAAQDAEcwRQIhAK8EgAbSRXnDHgoX
aR7DNd9b5AdtaMcjCPLQXbWrP3KtAiADeIKrgTBS62Cft5ItOaJGPXJpEcYwTduz
yqagN0SntQB1ANdtfRDRp/V3wsfpX9cAv/mCyTNaZeHQswFzF8DIxWl3AAABnrxt
kSMAAAQDAEYwRAIgWyIVvM4Pbwt0RaIQ5/8xbDZtzM+m8VogsLJnP1ivnsYCIBoY
dCJydNg9UwhW1OxGyBUWCSQciwNw2FXHe9jADtaTAHYAlE5Dh/rswe+B8xkkJqgY
ZQHH0184AgE/cmd9VTcuGdgAAAGevG2RYQAABAMARzBFAiA4bua42q9G/1N0jnSo
tN7jjIcqkwhWdtxBKrFcB9zuMAIhAOWCL7KxVBdq59t9R0cmFt8B9w0Ic6T/5TJ2
nL+bhcA0MAoGCCqGSM49BAMCA0kAMEYCIQCqz0/forl6xAhifDIMnhhajl8FGPaR
9Sl90WNps2ltrAIhAKioDQxuUIT+3vQwF7ZniWphBi+k9jspCiFnuM4rV5NM
-----END CERTIFICATE-----
 1 s:C = US, O = DigiCert Inc, OU = www.digicert.com, CN = GeoTrust TLS ECC CA G1
   i:C = US, O = DigiCert Inc, OU = www.digicert.com, CN = DigiCert Global Root G3
   a:PKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA256
   v:NotBefore: Nov  2 12:59:38 2017 GMT; NotAfter: Nov  2 12:59:38 2027 GMT
-----BEGIN CERTIFICATE-----
MIIDIjCCAqegAwIBAgIQA0o/+Ue+OcGZzrgGlh5RbTAKBggqhkjOPQQDAjBhMQsw
CQYDVQQGEwJVUzEVMBMGA1UEChMMRGlnaUNlcnQgSW5jMRkwFwYDVQQLExB3d3cu
ZGlnaWNlcnQuY29tMSAwHgYDVQQDExdEaWdpQ2VydCBHbG9iYWwgUm9vdCBHMzAe
Fw0xNzExMDIxMjU5MzhaFw0yNzExMDIxMjU5MzhaMGAxCzAJBgNVBAYTAlVTMRUw
EwYDVQQKEwxEaWdpQ2VydCBJbmMxGTAXBgNVBAsTEHd3dy5kaWdpY2VydC5jb20x
HzAdBgNVBAMTFkdlb1RydXN0IFRMUyBFQ0MgQ0EgRzEwNTATBgcqhkjOPQIBBggq
hkjOPQMBBwNCAARq1Zj5CUHtNOXYXvkbpA0hbP0z4QRoAVYDNhmA4ZS4c1ZsNCkW
9dRLoGN903ll4C1knoqPlurtQFbE1zZKQgJVo4IBQDCCATwwHQYDVR0OBBYEFL2C
z0d7Howihf6MqB/D4bLf/aaZMB8GA1UdIwQYMBaAFLPbSKT5ocXYrjZBzBFjaWIp
vEvGMA4GA1UdDwEB/wQEAwIBhjAdBgNVHSUEFjAUBggrBgEFBQcDAQYIKwYBBQUH
AwIwEgYDVR0TAQH/BAgwBgEB/wIBADA0BggrBgEFBQcBAQQoMCYwJAYIKwYBBQUH
MAGGGGh0dHA6Ly9vY3NwLmRpZ2ljZXJ0LmNvbTBCBgNVHR8EOzA5MDegNaAzhjFo
dHRwOi8vY3JsMy5kaWdpY2VydC5jb20vRGlnaUNlcnRHbG9iYWxSb290RzMuY3Js
MD0GA1UdIAQ2MDQwMgYEVR0gADAqMCgGCCsGAQUFBwIBFhxodHRwczovL3d3dy5k
aWdpY2VydC5jb20vQ1BTMAoGCCqGSM49BAMCA2kAMGYCMQDi0sZJgYka7acLC8nc
Y9M1bbgvlkAyznRVT+O15a/l7xFVq230VXPrGeiwGZkfdJ0CMQDMWuDYxQNFeogR
QNzAmTaQxOW+mxCdxdmL5dLHLJOQaI8N4TjTct2W3oyvTAaYn20=
-----END CERTIFICATE-----
---
Server certificate
subject=C = MY, ST = Selangor, L = Cyberjaya, O = JABATAN PENGAIRAN DAN SALIRAN, CN = *.water.gov.my
issuer=C = US, O = DigiCert Inc, OU = www.digicert.com, CN = GeoTrust TLS ECC CA G1
---
No client certificate CA names sent
Peer signing digest: SHA384
Peer signature type: ECDSA
```

```
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 2511 bytes and written 392 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	110.159.228.144
Connect Time	36.34 ms
TTFB	194.36 ms
Total Time	194.55 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Server: nginx/1.20.1",
    "2": "Date: Sat, 08 Aug 2026 10:26:01 GMT",
    "3": "Content-Type: text/html",
    "4": "Content-Length: 169",
    "5": "Connection: keep-alive",
    "6": "Location: https://jps.gov.my/",
    "8": "HTTP/2 302",
    "9": "server: nginx/1.20.1",
    "10": "content-type: text/html; charset=utf-8",
    "11": "location: https://siswa.water.gov.my/login",
    "12": "x-powered-by: PHP/8.3.27",
    "13": "cache-control: no-cache, private",
    "14": "date: Sat, 08 Aug 2026 10:26:01 GMT",
    "15": "set-cookie:
siswa_30_session=eyJpdiI6ImNTNGNHN2I5OVdlMFFzTndlcEFncWc9PSIsInZhbHVlIjoiTzlpL0hNNEljdzViVTdLWTIzUnNrWFdadjdRUDNZWTJCKzlZNEV4SzNvdlA0ZGVWbUR1cW0wSWMvdVlzYTVlVzN0ZnVGVGpWamtrcjFPRH
expires=Wed, 02 Sep 2026 10:26:01 GMT; Max-Age=2160000; path=/; secure; httponly; samesite=lax",
    "17": "HTTP/2 200",
    "18": "server: nginx/1.20.1",
    "19": "content-type: text/html; charset=UTF-8",
    "20": "x-powered-by: PHP/8.3.27",
    "21": "cache-control: max-age=0, must-revalidate, no-cache, no-store, private",
    "22": "date: Sat, 08 Aug 2026 10:26:01 GMT",
    "23": "pragma: no-cache",
    "24": "expires: Fri, 01 Jan 1990 00:00:00 GMT",
    "25": "set-cookie: XSRF-
TOKEN=eyJpdiI6IjRmYTBNcXdPMzE4bnc1RnloT2V4NEE9PSIsInZhbHVlIjoic3lvWExKYk1nM0RzQVU0ZWFyOTJ6QVRVQ09qc2llWDNXRVFtUjVlV3dzOGIwbFdXeG1EQXNNTmR6N3NKNGJnVy9aR25VbThORm5iNk5ROTlPcTErYk0wa
expires=Wed, 02 Sep 2026 10:26:01 GMT; Max-Age=2160000; path=/; secure; samesite=lax",
    "26": "set-cookie:
siswa_30_session=eyJpdiI6IlRhU2x4STluQ1huT0REQkhLZWI5cUE9PSIsInZhbHVlIjoiQ3Y3b3czSURnSzEwYmwrcUpaODNIZ1RhVW5EQTBMVHJEMW9jd2o5cUU3dmtyMURpai9XdzJUbWJMQkthbWVQRmdwaWUwb1ljZG1zWWdWY1
expires=Wed, 02 Sep 2026 10:26:01 GMT; Max-Age=2160000; path=/; secure; httponly; samesite=lax"
}
```


IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	110.159.228.144
Connect Time	24.83 ms
TTFB	151.38 ms
Total Time	151.48 ms

Response Headers:


```
{
    "0": "HTTP/2 302",
    "1": "server: nginx/1.20.1",
    "2": "content-type: text/html; charset=utf-8",
    "3": "location: https://siswa.water.gov.my/login",
    "4": "x-powered-by: PHP/8.3.27",
    "5": "cache-control: no-cache, private",
    "6": "date: Sat, 08 Aug 2026 10:26:01 GMT",
    "7": "set-cookie:
siswa_30_session=eyJpdiI6ImhKbnhDNm5LWWdMN3VOTUw5bGQxaGc9PSIsInZhbHVlIjoidmV2aGNNcHg1NldNTm9NM3U2Rk1PWk4vMmVheWtQSmFRUkV6bmJtWk9xOW11cHZIeC80ZmRMeTdqbVBvczhlV2ZUYU5tMXFXTy9LL2pEa1
expires=Wed, 02 Sep 2026 10:26:01 GMT; Max-Age=2160000; path=/; secure; httponly; samesite=lax",
    "9": "HTTP/2 200",
    "10": "server: nginx/1.20.1",
    "11": "content-type: text/html; charset=UTF-8",
    "12": "x-powered-by: PHP/8.3.27",
    "13": "cache-control: max-age=0, must-revalidate, no-cache, no-store, private",
    "14": "date: Sat, 08 Aug 2026 10:26:01 GMT",
    "15": "pragma: no-cache",
```

```
    "16": "expires: Fri, 01 Jan 1990 00:00:00 GMT",
    "17": "set-cookie: XSRF-
TOKEN=eyJpdiI6InlRSU95Qi9oYXEwS3NZanJCVDRrOWc9PSIsInZhbHVlIjoiYjBoZi8xUGplRFpJRGZOM0UwY3dmZVhZS0FCYWlIRFlSbjlMQ3pQS3FRMzluWmIyRHh4RFpBU0ZYYjFiY05qK0F1SGpNdnptOEJLc0hzUFB1cmhrYnM1a
expires=Wed, 02 Sep 2026 10:26:01 GMT; Max-Age=2160000; path=/; secure; samesite=lax",
    "18": "set-cookie:
siswa_30_session=eyJpdiI6IktzRWZhcHFSK052ZEhjY3VIRkJTTGc9PSIsInZhbHVlIjoiUUlheDZqSGsybGoyZUVRZWExRWF3TTRsV3BVWEtmQ0pwVExzSS91WFNjbjZ2NlF3Y1RuUjhBRVp3MFk2QWEzbDZabllidGxqNVBmMWhTNX
expires=Wed, 02 Sep 2026 10:26:01 GMT; Max-Age=2160000; path=/; secure; httponly; samesite=lax"
}
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.009892 0.019572
TCP Connect IPv4 → port 443	000 0.010320 0.000000

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
```