IPv6 Readiness Report

jps.gov.my — jps.gov.my

Scan to verify

Category: Government • Generated: 29 Jul 2026, 05:47 MYT • Last Checked: 04 Jul 2026, 03:36 MYT • Verification ID: 69f1bd68-a0d8-4913-bef3-d26529261d48
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/69f1bd68-a0d8-4913-bef3-d26529261d48

✗
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 — 204ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 149ms TTFB.

Audit Trail & Evidence Record

Verification ID	69f1bd68-a0d8-4913-bef3-d26529261d48
Domain	jps.gov.my
Check Mode	Manual
Status	Completed
Started	04 Jul 2026, 03:36:45 MYT
Finished	04 Jul 2026, 03:36:54 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/69f1bd68-a0d8-4913-bef3-d26529261d48

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	9bed21abe29ec07f61eb5c179fdb89204750ef2202aa8d4ca9b72efd46242313
http_headers	2250e4465597da91f8b9644d42600ee4fe98e13d1791c0615a33e6a3dd98845f
dns_responses	77698e984fe1290c526779902cd58ff80151700d2a9cc896c2aa5d92032933bf
tls_handshake	d468e14934f4d7dbecc8ecd06e8859c9749968250523dd56a8ab9685d854a511
connectivity_log	be71cafc919ee1bdcee34ca28a74f4c768782368452910374b3bc31312ef349c
dns_resolution_times	84e4551207a2ef25b6f11722511c5fd9e26c1564e55d97b8d2448997e3c0d7b3

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	9.8	21.02	12.92	20.12	+3.1
Google	IPv4	48.91	54.26	43.87	51.28	-5
Google	IPv6	40.3	59.09	34.02	34.18	-6.3
Cloudflare	IPv4	28.24	28.51	8.92	11.46	-19.3
Cloudflare	IPv6	52.05	635.05	10.25	21.98	-41.8

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 61834
;; 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.□□38400□IN□A□110.159.228.144
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 4853
;; 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.□□86398□IN□DS□23125 8 1 A00E946A62B2395D225EC4E13D31C4B556E33079
jps.gov.my.□□86398□IN□DS□23125 8 2 E2833F13377F4F56621DB53E5AABC28BE6E7BE867F59F0553E1ECB76 B378F7FA
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 30206
;; 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. 2022101007 10800 3600 604800 38400
```

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 52438
;; 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.□□38400□IN□NS□dns2.gitn.net.my.
jps.gov.my.□□38400□IN□NS□dns1.gitn.net.my.
```

TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 52168
;; 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. 2022101007 10800 3600 604800 38400
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 41647
;; 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. 2022101007 10800 3600 604800 38400
```

RRSIG

```
dns1.gitn.net.my. root.dns1.gitn.net.my. 2022101007 10800 3600 604800 38400
SOA 8 3 38400 20260730120121 20260630110121 20826 jps.gov.my. Gz9FeqtgC0D6ZEE5ftaJWukTONXtMFhjPRRpP2O5x6xCHvEZ/fu9hebj
FZDPU2tEusfa0rEwS2R66Svs9Zgk5bsaroHD1K+TTBVRACYbFx+RR2kK fPmTc71N3LJzZfiXfnfTZ5Khcdp33zfZ/p0ddcnHpQFQxeolaBE0roAu p+A=
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 5034
;; 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.□□38398□IN□DNSKEY□256 3 8 AwEAAbM5/QQR3zBHFYZEfOoNqZW0fvceyA/xrRkdbzeGCsVnQmX4SskW txUqOtc6X8iCO3smNoKWzCbz7BPBL7SUcAIPhID0xJS7r9gU10igughA
GmlFo0UaPS+t1IBYMsyNl2VQ8ChxOKUiUeSV4c6m+uaC5elNYoEHE5CD 3EpOwmkN
jps.gov.my.□□38398□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.□□38398□IN□SOA□dns1.gitn.net.my. root.dns1.gitn.net.my. 2022101007 10800 3600 604800 38400
jps.gov.my.□□38398□IN□RRSIG□SOA 8 3 38400 20260730120121 20260630110121 20826 jps.gov.my. Gz9FeqtgC0D6ZEE5ftaJWukTONXtMFhjPRRpP2O5x6xCHvEZ/fu9hebj
FZDPU2tEusfa0rEwS2R66Svs9Zgk5bsaroHD1K+TTBVRACYbFx+RR2kK fPmTc71N3LJzZfiXfnfTZ5Khcdp33zfZ/p0ddcnHpQFQxeolaBE0roAu p+A=
```

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	35.82 ms
TTFB	199.26 ms
Total Time	199.41 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Server: nginx/1.20.1",
    "2": "Date: Fri, 03 Jul 2026 19:36:52 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: Fri, 03 Jul 2026 19:36:52 GMT",
    "15": "set-cookie:
siswa_30_session=eyJpdiI6Ilhhczk2SXRJMlo3MlJld3pNK2NENUE9PSIsInZhbHVlIjoiR1hQc0lHdzd3azNsSjlVTmtLTlhDRWRtNmFKV3FTRGgwSkZKY2NVK3N0R3FFZ1ljSkhyS256WjBNUytkemMvRHpUb2F6MERoOG5iZ3lBeV
expires=Tue, 28 Jul 2026 19:36:52 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: Fri, 03 Jul 2026 19:36:53 GMT",
    "23": "pragma: no-cache",
    "24": "expires: Fri, 01 Jan 1990 00:00:00 GMT",
    "25": "set-cookie: XSRF-
TOKEN=eyJpdiI6Im9kR2RYQUpVN3F5QjRiZ3A0azJleWc9PSIsInZhbHVlIjoiOUNtUFRzWENUQkMxSktacjlCVU9YQTdvb21KR1dsZnJtWDhiSnVmaitBZnE5eWJRdDF0Sk5yR2wxTU9FK3lYZjR3OWVRVG1GdFFuYm5FY1FLQnoxYnNCb
expires=Tue, 28 Jul 2026 19:36:53 GMT; Max-Age=2160000; path=/; secure; samesite=lax",
    "26": "set-cookie:
siswa_30_session=eyJpdiI6ImVtZDYrY0F5QzRTODR4alMvMWV0aGc9PSIsInZhbHVlIjoiaHVTU2dDL0VrOFF3UGx1Y0IxcXVoTXhRNEpYTlBPOHhNVGRMOUtLd1p1NGw4eFdTL3JZdlA4VDVXaEJFK3NCczIzZ2pjTG1CamYrQS9Mar
expires=Tue, 28 Jul 2026 19:36:53 GMT; Max-Age=2160000; path=/; secure; httponly; samesite=lax"
}
```


IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	110.159.228.144
Connect Time	22.73 ms
TTFB	146.79 ms
Total Time	146.88 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: Fri, 03 Jul 2026 19:36:53 GMT",
    "7": "set-cookie:
siswa_30_session=eyJpdiI6ImZjbHY3U2prR3VhTVNLckdSM0Q4cnc9PSIsInZhbHVlIjoibzJQOWMwaUZONjFDVm1zd1pkTjB2UjlxaExlSjZQcCtFMU1PWWdZMHZHbjdPY1NYd21xZGt3cEFJcmtMTnhUNmsxVXlHZFFscFAyVUppY
expires=Tue, 28 Jul 2026 19:36:53 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: Fri, 03 Jul 2026 19:36:53 GMT",
    "15": "pragma: no-cache",
```

```
    "16": "expires: Fri, 01 Jan 1990 00:00:00 GMT",
    "17": "set-cookie: XSRF-
TOKEN=eyJpdiI6IkxPUERXOUlrNXkwWi9PV21EblRTS2c9PSIsInZhbHVlIjoicVFHcmlIM0dqQzNWUENIQ21xU3B2M00yeW9OWXppVE1KTWlvUVdXL3lOTHZiY2d4WGFjS0p3NTBldGMrazU0b3BOWk9UWmR1TTdramZlQUlXbS94Q0hZU
expires=Tue, 28 Jul 2026 19:36:53 GMT; Max-Age=2160000; path=/; secure; samesite=lax",
    "18": "set-cookie:
siswa_30_session=eyJpdiI6IlFmTmhEZExQNEZSbDVDb3h5bThvWEE9PSIsInZhbHVlIjoiNXVxQkdONjRGV1NxcW9qRjhVYnJzUEhKZXRJb1hpZFNLa3BtYXJSVllpem1WTC83UGRaeFo2emVZOGRtY2ZLc3lWV29RVDlBYlV1dlh5T
expires=Tue, 28 Jul 2026 19:36:53 GMT; Max-Age=2160000; path=/; secure; httponly; samesite=lax"
}
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.009742 0.021375
TCP Connect IPv4 → port 443	000 0.010616 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
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
```