IPv6 Readiness Report

petronas.com — petronas.com

Scan to verify

Category: Enterprise • Generated: 02 Nov 2026, 03:05 MYT • Last Checked: 08 Aug 2026, 18:29 MYT • Verification ID: 337e2c49-e353-414a-8c37-a45d1a481b92
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/337e2c49-e353-414a-8c37-a45d1a481b92

✗
Non-Compliant
MGv6C-1.0

43%
No IPv6 Support

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

IPV4 ADDRESSES
`4.144.136.71`

Network Information (WHOIS / RDAP)

	IPv4 Network
Organization	Microsoft Corporation
Country	US
ASN	AS8075
ASN Name	MICROSOFT-CORP-MSN-AS-BLOCK - Microsoft Corporation, US
Network (CIDR)	4.144.0.0/12

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%) — 3 / 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**	FAIL	DNSSEC validation failed or zone is unsigned.
5	**Reverse DNS (PTR)**	FAIL	No PTR record found.
6	**DS Record at Parent**	FAIL	No DS record at parent.
7	**RRSIG Valid**	FAIL	No valid RRSIG found.

#	CHECK	RESULT	DETAIL
8	**Signing Algorithm**	INFO	No DNSKEY record found.

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	DKIM selector found: selector1._domainkey
7	**DMARC Record**	PASS	DMARC record found.

IPv4 Baseline (15%) — 3 / 3

#	CHECK	RESULT	DETAIL
1	**A Record**	PASS	4.144.136.71
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 105ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 95ms TTFB.

Audit Trail & Evidence Record

Verification ID	337e2c49-e353-414a-8c37-a45d1a481b92
Domain	petronas.com
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:28:58 MYT
Finished	08 Aug 2026, 18:29:07 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/337e2c49-e353-414a-8c37-a45d1a481b92

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	e087418c8b9de454dded4dbac8df55bc91dfc92e0ca2ba44bc1673b4017f2d3d
http_headers	b5a5dad1c60e844cae36d589c7a0a712f787ac8a53b618bc1a557b6d8ba38e73
dns_responses	c8f3b5432f06bbc9bb35da21b751196d5d061e59e761d5d642fa5ba0d766788c
tls_handshake	e77056f7e33a4f89fc98a7eea4e83a28dbd9cc99cb5fcbc21ecf74f02a5d0652
connectivity_log	a0e4d61db3735e5a708650564299b0cdc3a6519b782f4859f62e1f38ae83beb2
dns_resolution_times	69efdaf4ba0068598a7f7c19a43f3beb4c76dd30908aa05a6a39cdc021628679

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	22.6	22.63	22.59	23.39	-0
Google	IPv4	23.56	78.22	143.21	155.72	+119.7
Google	IPv6	60	64.14	83.15	148.05	+23.2
Cloudflare	IPv4	22.09	22.62	24.43	25.41	+2.3
Cloudflare	IPv6	40.6	51.95	39.48	59.17	-1.1

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 10197
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
petronas.com.□□3600□IN□A□4.144.136.71
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 30518
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.□□□898□IN□SOA□a.gtld-servers.net. nstld.verisign-grs.com. 1786184904 1800 900 604800 900
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 28732
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
petronas.com.□□3600□IN□MX□10 petronas-com.mail.protection.outlook.com.
```

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 64705
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
petronas.com.□□3600□IN□NS□ns1.a1.impervasecuredns.net.
petronas.com.□□3600□IN□NS□ns1.a0.impervasecuredns.net.
```

TXT

```
;; Truncated, retrying in TCP mode.
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 50078
;; flags: qr rd ra; QUERY: 1, ANSWER: 17, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
petronas.com.□□3600□IN□TXT□"dtm-domain-verification=n_8QBd3-I96Td6ssTCTEfRVndUrVfrSyuPmZn7ciXlI"
petronas.com.□□3600□IN□TXT□"apple-domain-verification=ZxTixvtMz4XnoXDR"
petronas.com.□□3600□IN□TXT□"sitecore-domain-verification=994e932a01874b18b2ee43b2efdd2b05"
petronas.com.□□3600□IN□TXT□"sitecore-domain-verification=3458c1e18aa246b4bafa41823f00856e"
petronas.com.□□3600□IN□TXT□"_qb8tx3tx86m16y3mi86e6f1dqc3n0g6"
petronas.com.□□3600□IN□TXT□"ms-domain-verification=8d4379ee-8d16-4902-9279-9bba623b85df"
petronas.com.□□3600□IN□TXT□"MS=ms47820606"
petronas.com.□□3600□IN□TXT□"gk6-g5f-ar2"
petronas.com.□□3600□IN□TXT□"7pHss+hSJSIK9bqxPmx0Cv+pYbKW875qYw1lAXPjvrByLY9+2FAnXztJ4MRF00IzybZZKEljDqBD+Wnj+SB2Ew=="
petronas.com.□□3600□IN□TXT□"ptsg-1cmsdb01.azurewebsites.net"
petronas.com.□□3600□IN□TXT□"miro-verification=a7fdc7b8f3aead47187e1bb8014ad6c84cbe5040"
petronas.com.□□3600□IN□TXT□"docusign=c63e3df6-5d91-4ece-b12e-036f340d851e"
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petronas.com.□□3600□IN□TXT□"PSWB6WFU7ZH151MC7TL8U1NG4X07RWLFEWG7QSUO"
petronas.com.□□3600□IN□TXT□"google-site-verification=NPfMRjJ5Vz9Rm2vinjKYBa7ufHUMOIRjmMCHfaTao-o"
petronas.com.□□3600□IN□TXT□"google-site-verification=9-6x9rz5SXDQGSo80T6q0_gflY9oWKZjHIeUrWuMRJo"
petronas.com.□□3600□IN□TXT□"v=spf1 include:spfint.petronas.com include:spfext.petronas.com include:spf.protection.outlook.com include:spf_c.oraclecloud.com
include:ap.rp.oracleemaildelivery.com include:spf.mailjet.com -all"
```

AAAA

```
;; Got answer:
```

```
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 35946
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
petronas.com.□□3598□IN□SOA□ns1.a0.impervasecuredns.net. sysadmin.petronas.com. 2013056947 10800 3600 604800 86400
```

RRSIG

```
ns1.a0.impervasecuredns.net. sysadmin.petronas.com. 2013056947 10800 3600 604800 86400
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 52812
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
petronas.com.□□3598□IN□SOA□ns1.a0.impervasecuredns.net. sysadmin.petronas.com. 2013056947 10800 3600 604800 86400
```

DNSSEC_VALIDATION

```
; unsigned answer
petronas.com.□□3598□IN□SOA□ns1.a0.impervasecuredns.net. sysadmin.petronas.com. 2013056947 10800 3600 604800 86400
```

TLS Handshake Evidence

IPV4 Connection

IP Used	4.144.136.71
IP Version	4

```
depth=2 C = US, O = DigiCert Inc, OU = www.digicert.com, CN = DigiCert Global Root G2
verify return:1
depth=1 C = US, O = DigiCert Inc, CN = DigiCert Global G2 TLS RSA SHA256 2020 CA1
verify return:1
depth=0 C = MY, L = Kuala Lumpur, O = PETROLIAM NASIONAL BERHAD (PETRONAS), CN = www.petronas.com
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:C = MY, L = Kuala Lumpur, O = PETROLIAM NASIONAL BERHAD (PETRONAS), CN = www.petronas.com
   i:C = US, O = DigiCert Inc, CN = DigiCert Global G2 TLS RSA SHA256 2020 CA1
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: Oct 22 00:00:00 2025 GMT; NotAfter: Oct 21 23:59:59 2026 GMT
-----BEGIN CERTIFICATE-----
MIIG5jCCBc6gAwIBAgIQDbK2HIuOJAXBDUrmEXycrjANBgkqhkiG9w0BAQsFADBZ
MQswCQYDVQQGEwJVUzEVMBMGA1UEChMMRGlnaUNlcnQgSW5jMTMwMQYDVQQDEypE
aWdpQ2VydCBHbG9iYWwgRzIgVExTIFJTQSBTSEEyNTYgMjAyMCBDQTEwHhcNMjUx
MDIyMDAwMDAwWhcNMjYxMDIxMjM1OTU5WjBuMQswCQYDVQQGEwJNWTEVMBMGA1UE
BxMMS3VhbGEgTHVtcHVyMS0wKwYDVQQKEyRQRVRST0xJQU0gTkFTU9OQUwgQkVS
SEFEIChQRVRST05BUykxGTAXBgNVBAMTEHd3dy5wZXRyb25hcy5jb20wggEiMA0G
CSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQCwx9aP0CbSCduIlYI2MSLyby2v29/Q
hUwawP6BWt6P8cbVUdm7iaTeQW67RE+SVZHe9cmnLMEqJdClFfQv8kDRM9Xz0V/C
rLZhLXcz3AW6so3OA1LZxv7uHJAKsu2f/1WG5FTUpesQiEcuh03EdJxY57ro4eOx
zwkJLhHDbNof1CK5vxLupV9L7Ec4eT9nQuoMok0P7YanDjI38Lh9mvQyTWZSKMNY
244XY7MojbRlnnbfpxsz+v66OcrrPTDNAAdkaq6gEp1wrEFkgMc/j4d0b2bhZiXa
hDJ0a7QKQ8nHWQB8e03B3bmarHVaVNdv2jmZSeGz9EHqME3dTQOSFZXVAgMBAAGj
ggOTMIIDjzAfBgNVHSMEGDAWgBR0hYDAZsffN97PvSk3qgMdvu3NFzAdBgNVHQ4E
FgQUleDwAsgiKxCsrSxJ7eN3bGb7+sMwKQYDVR0RBCIwIIIQd3d3LnBldHJvbmFz
LmNvbYIMcGV0cm9uYXMuY29tMD4GA1UdIAQ3MDUwMwYGZ4EMAQICMCkwJwYIKwYB
BQUHAgEWG2h0dHA6Ly93d3cuZGlnaWNlcnQuY29tL0NQUzAOBgNVHQ8BAf8EBAMC
BaAwEwYDVR0lBAwwCgYIKwYBBQUHAwEwgZ8GA1UdHwSBlzCBlDBIoEagRIZCaHR0
cDovL2NybDMuZGlnaWNlcnQuY29tL0RpZ2lDZXJ0R2xvYmFsRzJUTFNSU0FTSEEy
NTYyMDIwQ0ExLTEuY3JsMEigRqBEhkJodHRwOi8vY3JsNC5kaWdpY2VydC5jb20v
RGlnaUNlcnRHbG9iYWxHMlRMU1JTQVNIQTI1NjIwMjBDQTEtMS5jcmwwgYcGCCsG
AQUFBwEBBHswTAkBggrBgEFBQcwAYYYaHR0cDovL29jc3AuZGlnaWNlcnQuY29t
MFEGCCsGAQUFBzAChkVodHRwOi8vY2FjZXJ0cy5kaWdpY2VydC5jb20vRGlnaUNl
cnRHbG9iYWxHMlRMU1JTQVNIQTI1NjIwMjBDQTEtMS5jcnQwDAYDVR0TAQH/BAIw
ADCCAYEGCisGAQQB1nkCBAIEggFxBIIBbQFrAHcA1219ENGn9XfCx+lf1wC/+YLJ
M1pl4dCzAXMXwMjFaXcAAAGaC1zcIQAABAMASDBGAiEAnbyUeNzRTwimgx+XWkvS
E8xC1LFf5pQRbKJZ14ZYbDoCIQD6C1sUVgQA3srR9wM9r17mOOkIUIFhwOi/0vXW
2rgmKQB3AMIxfldFGaNF7n843rKQQevHwiFaIr9/1bWtdprZDlLNAAABmgtc3F8A
AAQDAEgwRgIhAI72Flc5SNSmEdXLOYQNERdouqo/nyU0oUWsk4ZoF1CgAiEAiR8Y
9JW8MFyi/iC/wP1TRwcu3HcW94S6jVX2xPNKOSAAdwCUTkOH+uzB74HzGSQmqBhl
AcfTXzgCAT9yZ31VNy4Z2AAAAZoLXNx8AAAEAwBIMEYCIQCiYxr8kkwDMv1TnrbY
HQvoqi5iAo17bMLPOTquEegi1AIhAPYMSRjhzIvBKOIlr0VbaBC85sO2vKk1lvcD
ONnkeGjKMA0GCSqGSIb3DQEBCwUAA4IBAQAq9N91FH+WrZZ/+pd59saClsXK/Fwn
TXC2Hk3QY+8K1oudulS1HvkwJ/1BhUKA2H8eb25wPhQ61RBtpTMYaINTHxkvY7P7
XqhkTgS1cjJPib3tvy0C07mnqdJL1QyOa979ivf0a1YVC6zCg5T5DCQA9aw7zeyC
ubNxKRG8vxjFIDoKTRz88sMb4gksa6wsHuT29r344DOwerQ8x20QveiN7BEPf2uf
BNSgNOxthc6dmsovzAFytJgzJtrV2MTVn6ycLQNQPzpxD0HGUVr23UzBO1BXsDzX
f3R7bsQvwtTYp4P6CNl7KSLhBYdO2/G2sJQaUE2ZSCtvta/FI2bVUiNh
-----END CERTIFICATE-----
 1 s:C = US, O = DigiCert Inc, CN = DigiCert Global G2 TLS RSA SHA256 2020 CA1
   i:C = US, O = DigiCert Inc, OU = www.digicert.com, CN = DigiCert Global Root G2
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: Mar 30 00:00:00 2021 GMT; NotAfter: Mar 29 23:59:59 2031 GMT
-----BEGIN CERTIFICATE-----
MIIEyDCCA7CgAwIBAgIQDPW9BitWAvR6uFAsI8zwZjANBgkqhkiG9w0BAQsFADBh
MQswCQYDVQQGEwJVUzEVMBMGA1UEChMMRGlnaUNlcnQgSW5jMRkwFwYDVQQLExB3
d3cuZGlnaWNlcnQuY29tMSAwHgYDVQQDExdEaWdpQ2VydCBHbG9iYWwgUm9vdCBH
MjAeFw0yMTAzMzAwMDAwMDBaFw0zMTAzMjkyMzU5NTlaMFkxCzAJBgNVBAYTAlVT
MRUwEwYDVQQKEwxEaWdpQ2VydCBJbmMxMzAxBgNVBAMTKkRpZ2lDZXJ0IEdsb2Jh
bCBHMiBUTFMgUlNBIFNIQTI1NiAyMDIwIENBMTCCASIwDQYJKoZIhvcNAQEBBQAD
ggEPADCCAQoCggEBAMz3EGJPprtjb+2QUlbFbSd7ehJWivH0+dbn4Y+9lavyYEEV
cNsSAPonCrVXOFt9slGTcZUOakGUWzUb+nv6u8W+JDD+Vu/E832X4xT1FE3LpxDy
FuqrIvAxIhFhaZAmunjZlx/jfWardUSVc8is/+9dCopZQ+GssjoP80j812s3wWPc
3kbW20X+fSP9kOhRBx5Ro1/tSUZUfyyIxfQTnJcVPAPooTncaQwywa8WV0yUR0J8
osicfebUTVSvQpmowQTCd5zWSOTOEeAqgJnwQ3DPP3Zr0UxJqyRewg2C/Uaoq2yT
zGJSQnWS+Jr6Xl6ysGHlHx+5fwmY6D36g39HaaECAwEAAaOCAYIwggF+MBIGA1Ud
EwEB/wQIMAYBAf8CAQAwHQYDVR0OBBYEFHSFgMBmx9833s+9KTeqAx2+7c0XMB8G
A1UdIwQYMBaAFE4iVCAYlebjbuYP+vq5Eu0GF485MA4GA1UdDwEB/wQEAwIBhjAd
BgNVHSUEFjAUBggrBgEFBQcDAQYIKwYBBQUHAwIwdgYIKwYBBQUHAQEEajBoMCQG
CCsGAQUFBzABhhhodHRwOi8vb2NzcC5kaWdpY2VydC5jb20wQAYIKwYBBQUHMAKG
```

```
NGh0dHA6Ly9jYWNlcnRzLmRpZ2ljZXJ0LmNvbS9EaWdpQ2VydEdsb2JhbFJvb3RH
Mi5jcnQwQgYDVR0fBDswOTA3oDWgM4YxaHR0cDovL2NybDMuZGlnaWNlcnQuY29t
L0RpZ2lDZXJ0R2xvYmFsUm9vdEcyLmNybDA9BgNVHSAENjA0MAsGCWCGSAGG/WwC
ATAHBgVngQwBATAIBgZngQwBAgEwCAYGZ4EMAQICMAgGBmeBDAECAzANBgkqhkiG
9w0BAQsFAAOCAQEAkPFwyyiXaZd8dP3A+iZ7U6utzWX9upwGnIrXWkOH7U1MVl+t
wcW1BSAuWdH/SvWgKtiwla3JLko7l6f2b4gp/DA/JIS7w7d7kwcsr4drdjPtAFVS
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chDYABPPTHPbqjc1qCmBaZx2vN4Ye5DUys/vZwP9BFohFrH/6j/f3IL16/RZkiMN
JCqVJUzKoZHm1Lesh3Sz8W2jmdv51b2EQJ8HmA==
-----END CERTIFICATE-----
 2 s:C = US, O = DigiCert Inc, OU = www.digicert.com, CN = DigiCert Global Root G2
   i:C = US, O = DigiCert Inc, OU = www.digicert.com, CN = DigiCert Global Root G2
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: Aug  1 12:00:00 2013 GMT; NotAfter: Jan 15 12:00:00 2038 GMT
-----BEGIN CERTIFICATE-----
MIIDjjCCAnagAwIBAgIQAzrx5qcRqaC7KGSxHQn65TANBgkqhkiG9w0BAQsFADBh
MQswCQYDVQQGEwJVUzEVMBMGA1UEChMMRGlnaUNlcnQgSW5jMRkwFwYDVQQLExB3
d3cuZGlnaWNlcnQuY29tMSAwHgYDVQQDExdEaWdpQ2VydCBHbG9iYWwgUm9vdCBH
MjAeFw0xMzA4MDExMjAwMDBaFw0zODAxMTUxMjAwMDBaMGExCzAJBgNVBAYTAlVT
MRUwEwYDVQQKEwxEaWdpQ2VydCBJbmMxGTAXBgNVBAsTEHd3dy5kaWdpY2VydC5j
b20xIDAeBgNVBAMTF0RpZ2lDZXJ0IEdsb2JhbCBSb290IEcyMIIBIjANBgkqhkiG
9w0BAQEFAAOCAQ8AMIIBCgKCAQEAuzfNNNx7a8myaJCtSnX/RrohCgiN9RlUyfuI
2/Ou8jqJkTx65qsGGmvPrC3oXgkkRLpimn7Wo6h+4FR1IAWsULecYxpsMNzaHxmx
1x7e/dfgy5SDN67sH0NO3Xss0r0upS/kqbitOtSZpLYl6ZtrAGCSYP9PIUkY92eQ
q2EGnI/yuum06ZIya7XzV+hdG82MHauVBJVJ8zUtluNJbd134/tJS7SsVQepj5Wz
tCO7TG1F8PapspUwtP1MVYwnSlcUfIKdzXOS0xZKBgyMUNGPHgm+F6HmIcr9g+UQ
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	85.211.225.202
Connect Time	28.88 ms
TTFB	107.28 ms
Total Time	107.47 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Server: Microsoft-Azure-Application-Gateway/v2",
    "2": "Date: Sat, 08 Aug 2026 10:29:01 GMT",
    "3": "Content-Type: text/html",
    "4": "Content-Length: 195",
    "5": "Connection: keep-alive",
    "6": "Location: https://petronas.com",
    "8": "HTTP/1.1 301 Moved Permanently",
    "9": "Date: Sat, 08 Aug 2026 10:29:01 GMT",
    "10": "Content-Type: text/html; charset=iso-8859-1",
    "11": "Connection: keep-alive",
    "12": "Server: Apache",
    "13": "Strict-Transport-Security: max-age=31536000; includeSubDomains",
    "14": "X-Frame-Options: SAMEORIGIN",
    "15": "Location: https://www.petronas.com/",
    "17": "HTTP/2 200",
    "18": "date: Sat, 08 Aug 2026 10:28:57 GMT",
    "19": "content-type: text/html; charset=UTF-8",
    "20": "set-cookie: ApplicationGatewayAffinityCORS=7af02ab7b30d9352b45d28fafe65c0c7; Path=/; SameSite=None; Secure",
    "21": "set-cookie: ApplicationGatewayAffinity=7af02ab7b30d9352b45d28fafe65c0c7; Path=/",
    "22": "server: Apache/2.4.62 (Red Hat Enterprise Linux) OpenSSL/3.5.5",
    "23": "strict-transport-security: max-age=31536000;includeSubDomains;preload",
    "24": "x-frame-options: SAMEORIGIN",
    "25": "x-powered-by: PHP/8.0.30",
    "26": "cache-control: max-age=180, public",
    "27": "x-drupal-dynamic-cache: MISS",
    "28": "x-ua-compatible: IE=edge",
    "29": "content-language: en",
    "30": "x-content-type-options: nosniff",
    "31": "permissions-policy: interest-cohort=()",
    "32": "expires: Sun, 19 Nov 1978 05:00:00 GMT",
    "33": "vary: Cookie",
    "34": "x-generator: Drupal 9 (https://www.drupal.org)",
    "35": "content-security-policy: script-src 'self' 'unsafe-inline' 'unsafe-eval' blob: https://cdnjs.cloudflare.com/ https://www.youtube.com/
https://cdn.jsdelivr.net/ https://www.googletagmanager.com/ https://www.google-analytics.com/ https://app-script.monsido.com/ https://cdn-apac.onetrust.com/
https://u.heatmap.it/ https://cdn.yellowmessenger.com/ https://www.google.com/ https://www.gstatic.com/ https://static.elfsight.com/platform/platform.js
https://elfsightcdn.com/platform.js https://www.petronas.com/608242b4-6b3e-4aff-8979-014519414d0c https://app-script.monsido.com/ https://static.elfsight.com/
https://api.swiftype.com/ https://geotargetly-api-1.com/ https://g10498469755.co/ https://code.jquery.com/; object-src 'none'; upgrade-insecure-requests",
    "36": "referrer-policy: strict-origin-when-cross-origin",
    "37": "feature-policy: autoplay *; fullscreen *",
    "38": "x-drupal-cache: HIT",
    "39": "last-modified: Sat, 08 Aug 2026 01:51:00 GMT",
    "40": "etag: \"1786153860\""
}
```


IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	85.211.225.202
Connect Time	5019.45 ms
TTFB	5088.03 ms
Total Time	5088.17 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Date: Sat, 08 Aug 2026 10:29:01 GMT",
    "2": "Content-Type: text/html; charset=iso-8859-1",
    "3": "Connection: keep-alive",
    "4": "Server: Apache",
```

```
    "5": "Strict-Transport-Security: max-age=31536000; includeSubDomains",
    "6": "X-Frame-Options: SAMEORIGIN",
    "7": "Location: https://www.petronas.com/",
    "9": "HTTP/2 200",
    "10": "date: Sat, 08 Aug 2026 10:29:06 GMT",
    "11": "content-type: text/html; charset=UTF-8",
    "12": "set-cookie: ApplicationGatewayAffinityCORS=7af02ab7b30d9352b45d28fafe65c0c7; Path=/; SameSite=None; Secure",
    "13": "set-cookie: ApplicationGatewayAffinity=7af02ab7b30d9352b45d28fafe65c0c7; Path=/",
    "14": "server: Apache/2.4.62 (Red Hat Enterprise Linux) OpenSSL/3.5.5",
    "15": "strict-transport-security: max-age=31536000;includeSubDomains;preload",
    "16": "x-frame-options: SAMEORIGIN",
    "17": "x-powered-by: PHP/8.0.30",
    "18": "cache-control: max-age=180, public",
    "19": "x-drupal-dynamic-cache: MISS",
    "20": "x-ua-compatible: IE=edge",
    "21": "content-language: en",
    "22": "x-content-type-options: nosniff",
    "23": "permissions-policy: interest-cohort=()",
    "24": "expires: Sun, 19 Nov 1978 05:00:00 GMT",
    "25": "vary: Cookie",
    "26": "x-generator: Drupal 9 (https://www.drupal.org)",
    "27": "content-security-policy: script-src 'self' 'unsafe-inline' 'unsafe-eval' blob: https://cdnjs.cloudflare.com/ https://www.youtube.com/
https://cdn.jsdelivr.net/ https://www.googletagmanager.com/ https://www.google-analytics.com/ https://app-script.monsido.com/ https://cdn-apac.onetrust.com/
https://u.heatmap.it/ https://cdn.yellowmessenger.com/ https://www.google.com/ https://www.gstatic.com/ https://static.elfsight.com/platform/platform.js
https://elfsightcdn.com/platform.js https://www.petronas.com/608242b4-6b3e-4aff-8979-014519414d0c https://app-script.monsido.com/ https://static.elfsight.com/
https://api.swiftype.com/ https://geotargetly-api-1.com/ https://g10498469755.co/ https://code.jquery.com/; object-src 'none'; upgrade-insecure-requests",
    "28": "referrer-policy: strict-origin-when-cross-origin",
    "29": "feature-policy: autoplay *; fullscreen *",
    "30": "x-drupal-cache: HIT",
    "31": "last-modified: Sat, 08 Aug 2026 01:51:00 GMT",
    "32": "etag: \"1786153860\""
}
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.008908 0.015906
TCP Connect IPv4 → port 443	301 0.009090 0.055803

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
```