IPv6 Readiness Report

uitm.edu.my — uitm.edu.my

Scan to verify

Category: Education • Generated: 02 Nov 2026, 02:59 MYT • Last Checked: 08 Aug 2026, 18:16 MYT • Verification ID: 2fe4dfa9-2e47-465d-8526-c4ea8251e111
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/2fe4dfa9-2e47-465d-8526-c4ea8251e111

✗
Non-Compliant
MGv6C-1.0

45%
No IPv6 Support

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

IPV4 ADDRESSES
202.58.83.122

Network Information (WHOIS / RDAP)

	IPv4 Network
Organization	Universiti Teknologi MARA
Country	MY
ASN	AS24020
ASN Name	UITM-AS-AP - University ITM, Shah Alam, Selangor Malaysia, MY
Network (CIDR)	202.58.80.0/20

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%) — 1 / 5

#	CHECK	RESULT	DETAIL
1	**NS Has AAAA Record**	PASS	Nameserver has IPv6 address.
2	**NS Reachable via IPv6**	FAIL	No nameserver is reachable over IPv6.
3	**NS Answers Queries via IPv6**	FAIL	Nameserver does not answer queries 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%) — 6 / 6

#	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**	PASS	SMTP port 25 responds over IPv6.
4	**STARTTLS over IPv6**	PASS	STARTTLS supported over IPv6.
5	**SPF Record**	PASS	SPF record found.
6	**DKIM Selector**	INFO	DKIM selector found: google._domainkey
7	**DMARC Record**	PASS	DMARC record found.

IPv4 Baseline (15%) — 3 / 3

#	CHECK	RESULT	DETAIL
1	**A Record**	PASS	202.58.83.122
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 60ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 48ms TTFB.

Audit Trail & Evidence Record

Verification ID	2fe4dfa9-2e47-465d-8526-c4ea8251e111
Domain	uitm.edu.my
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:16:01 MYT
Finished	08 Aug 2026, 18:16:21 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/2fe4dfa9-2e47-465d-8526-c4ea8251e111

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	0c9fc88d052d392d577f807aa82ac86ee06143a800f1551fcc52ff4602723271
http_headers	437b754c28efd3fa84062f36f488333e2c07b34b0f9730ee8eddff2bd9b2b888
dns_responses	6ed99a1c51db0e299e47d3a774172b629e77cf7be90f9ac7e2ea1be306c39ea5
tls_handshake	0a23e6e19b1001e1dd9d4a848d0e6d4013ddbcf73a5a62f028694d32c05ffbbe
connectivity_log	e0ada1d0a672ec3daa1fe2818dc2651f01b46c2cceb47d9366ab0dc28e3bf5a2
dns_resolution_times	8bdc99c8e76369ce3215703567a41141c95bc93eecac4a11007b64e832aa5156

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	18.38	24.92	22.77	31.18	+4.4
Google	IPv4	42.49	49.33	49.31	171.22	+6.8
Google	IPv6	38.9	44.25	45.68	158.23	+6.8
Cloudflare	IPv4	24.79	30.77	28.29	40.92	+3.5
Cloudflare	IPv6	12.65	26.34	43.26	44.6	+30.6

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 6058
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
uitm.edu.my.□□300□IN□A□202.58.83.122
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 47400
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
edu.my.□□□3549□IN□SOA□e.nic.my. hostmaster.nic.my. 2026062857 1800 900 604800 3600
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 20114
;; flags: qr rd ra; QUERY: 1, ANSWER: 5, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
uitm.edu.my.□□300□IN□MX□5 ALT1.ASPMX.L.GOOGLE.COM.
uitm.edu.my.□□300□IN□MX□10 ASPMX3.GOOGLEMAIL.COM.
uitm.edu.my.□□300□IN□MX□5 ALT2.ASPMX.L.GOOGLE.COM.
uitm.edu.my.□□300□IN□MX□1 ASPMX.L.GOOGLE.COM.
uitm.edu.my.□□300□IN□MX□10 ASPMX2.GOOGLEMAIL.COM.
```

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 51323
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 7

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
uitm.edu.my.□□300□IN□NS□ns1.uitm.edu.my.
uitm.edu.my.□□300□IN□NS□ns3.uitm.edu.my.
uitm.edu.my.□□300□IN□NS□ns2.uitm.edu.my.
```

TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 2593
;; flags: qr rd ra; QUERY: 1, ANSWER: 12, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
uitm.edu.my.□□300□IN□TXT□"adobe-idp-site-verification=fb1f5c68-f32b-487f-97a4-6b8fc1165137"
uitm.edu.my.□□300□IN□TXT□"v=spf1 ip4:202.58.82.126 ip4:202.58.84.87 ip4:202.58.84.88 ip4:202.58.84.89 include:_spf.google.com ~all"
uitm.edu.my.□□300□IN□TXT□"adobe-idp-site-verification=fb1f5c68f32b487f97a46b8fc1165137"
uitm.edu.my.□□300□IN□TXT□"google-site-verification=xIRyiQ_3uhwBg40vH5E1e0NtQFnu0vAnObS3JmxTat0"
uitm.edu.my.□□300□IN□TXT□"google-site-verification=LZdOqS4AHNX2QTpJ1BfuXxBIHQ9ZpxOeS4WsFVhkf0w"
uitm.edu.my.□□300□IN□TXT□"google-site-verification=gDQWcC9MPRNwkms2RVZcBmLjgYjPK6LtkfAvoEvB9O4"
uitm.edu.my.□□300□IN□TXT□"cisco-ci-domain-verification=3d24323685c864adbc7c8dcee2dedefc509618b0e54472a5c086f20d8d077508"
uitm.edu.my.□□300□IN□TXT□"google-site-verification=50USztdHYiKcdPt7BYK_udFk4zkaTMDxtdnaYliwCMI"
uitm.edu.my.□□300□IN□TXT□"google-site-verification=HxBt7lOcRdNOjB4fYPF4mwvccKNifO_NoqC5QbCbbVY"
uitm.edu.my.□□300□IN□TXT□"google-site-verification=LLOYl3gt-FWinOQShi17N_lUVmPFWoOAtayuI8dFsS8"
uitm.edu.my.□□300□IN□TXT□"MS=ms99834528"
uitm.edu.my.□□300□IN□TXT□"google-site-verification=K2CodNStu6F-cYSenDcqVTgwo4Q2wMc0vA7sC7sJK4g"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 30854
```

```
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
uitm.edu.my.□□298□IN□SOA□ns1.uitm.edu.my. postmaster.salam.uitm.edu.my. 2026080701 14400 3600 1209600 3600
```

RRSIG

```
ns1.uitm.edu.my. postmaster.salam.uitm.edu.my. 2026080701 14400 3600 1209600 3600
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 30773
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
uitm.edu.my.□□298□IN□SOA□ns1.uitm.edu.my. postmaster.salam.uitm.edu.my. 2026080701 14400 3600 1209600 3600
```

DNSSEC_VALIDATION

```
; unsigned answer
uitm.edu.my.□□297□IN□SOA□ns1.uitm.edu.my. postmaster.salam.uitm.edu.my. 2026080701 14400 3600 1209600 3600
```

TLS Handshake Evidence

IPV4 Connection

IP Used	202.58.83.122
IP Version	4

```
depth=2 C = US, O = SSL Corporation, CN = SSL.com TLS RSA Root CA 2022
verify return:1
depth=1 C = US, O = SSL Corporation, CN = SSL.com TLS Issuing RSA CA R1
verify return:1
depth=0 CN = *.uitm.edu.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:CN = *.uitm.edu.my
   i:C = US, O = SSL Corporation, CN = SSL.com TLS Issuing RSA CA R1
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: Jul 27 03:00:51 2026 GMT; NotAfter: Feb  8 09:46:37 2027 GMT
-----BEGIN CERTIFICATE-----
MIIGbTCCBNWgAwIBAgIQQKyvJCHWeqFBjMbkP2kCxTANBgkqhkiG9w0BAQsFADBP
MQswCQYDVQQGEwJVUzEYMBYGA1UECgwPU1NMIENvcnBvcmF0aW9uMSYwJAYDVQQD
DB1TU0wuY29tIFRMUyBJc3N1aW5nIFJTQSBDQSBSMTAeFw0yNjA3MjcwMzAwNTFa
Fw0yNzAyMDgwOTQ2MzdaMBgxFjAUBgNVBAMMDSoudWl0bS5lZHUubXkwggEiMA0G
CSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQDIqUklhC0zpS8qxKCa7Qj+BxXoetwA
OujtgpwzXY7J/JIoHodg12hX46vpLw+BIyFHiY59OJkzucqHUcrCWzKLzPuHP2bX
S/s3n9Uz4cxVVeZhgR/Hm9tpRyb84Zc2TNpnBCN8/d6DWfAuOAngqTZ8fv3AZ9vC
CeXe1RmTvC0BF7+Y2gqsSOdIjcLhaWro4RkZLiyD7Mf3t9Ku0OjkVqeCl6/bamry
SM7Ycn9BmjUq38qhY6ydzBQ3/tolDGB9wriM+PwDelxSmvsdNO1wjPZOEIkCWMWB
fdtY8frfq2vl/Xs6oe/gqDSBwZ7RXLpdexF/Szi4sTG1EAq8YHqb54aRAgMBAAGj
ggL6MIIC9jAMBgNVHRMBAf8EAjAAMB8GA1UdIwQYMBaAFHm6lHegDRndNOY5pPxM
pdJabfWMMGoGCCsGAQUFBwEBBF4wXDA4BggrBgEFBQcwAoYsaHR0cDovL2NlcnQu
c3NsLmNvbS9TU0wuY29tLVRMUy1JLVJTQS1SMS5jZXIwIAYIKwYBBQUHMAGGFGh0
dHA6Ly9vY3Nwcy5zc2wuY29tMCUGA1UdEQQeMByCDSoudWl0bS5lZHUubXmCC3Vp
dG0uZWR1Lm15MCMGA1UdIAQcMBowCAYGZ4EMAQIBMA4GDCsGAQQBgqkwAQMBATAd
BgNVHSUEFjAUBggrBgEFBQcDAgYIKwYBBQUHAwEwPQYDVR0fBDYwNDAyoDCgLoYs
aHR0cDovL2NybHMuc3NsLmNvbS9TU0wuY29tLVRMUy1JLVJTQS1SMS5jcmwwHQYD
VR0OBBYEFOx+Cxu5Y7wa7kL448dieTV1lubkMA4GA1UdDwEB/wQEAwIFoDCCAX4G
CisGAQQB1nkCBAIEggFuBIIBagFoAHYA1tWNqdAXU/NqSqDHV0kCr+vH3CzTjNn3
ZMgMiRkenwIAAAGfoY3OeAAABAMARzBFAiEAm+lZfxUuwVu627xWW9o258BtDfaT
L/bvZ5jRZKuGvS4CICtcCwCdgDaja/MXKbVdUpJHSZY29qp53hDvsaWNe81EAHYA
RqI5Z8YNtkaHxm89+ZmUdpOmphEghFfVVefj0KHZtkYAAAGfoY3OcAAABAMARzBF
AiB9gaLxRLCtMaPGkg1ilTYkJJSy6lfCjOMXLPWZMvEuOQIhAJaSzehn80nUjp6W
9VhkzVefoCOAfIBpoR+IEXtSqEIyAHYAHJ9oLOn68EVpUPgbloqH3dsyENhM5siy
44JSSsTPWZ8AAAGfoY3OjQAABAMARzBFAiAgUHauvKXvXpHqGt0ghj5djjtK/iv/
iQJuqaZNIVzq9wIhAOvexK6f71IRIr/DndGrdzwTVcJNktKagtfGnEitjfxyMA0G
CSqGSIb3DQEBCwUAA4IBgQA2nCZhAK6jfC/a3qw8QTZEzVYx+jIfjupuHem/0axM
CLzXnL8jZInA9iH7gRaH4h1NkxWDxJXQ1OojbBRTjEgBx7NA+Ge2zxO2DyR94iVC
5NuljQw7H/nUAuMFK70kjCcy0seCrHT4y/T9SkgJGKBuyf4ywe5QKT9uiGVm0sO5
3JS6w5ojTrU/69yY/+c7DzWIcVkmybQrHpC3CW7BfT/+Kt0mC5N9/UFxLe/dhyr6
Ngz1Tx0YNJ1pNv3JtA0XxuQk9gWFa2uk+QXmqWGYytyfKHJmKqTUtJtllDO36SxK
Ot03D448xZee3IwChQFW5eTh/arSHD3ssgwBrtEgxd22yDrROHJi9LOyM2Wj7x2D
xNry4F/rvl2CiyzvMmZQGC748UNsQWnO4Mr7GRe6YBV0PbNk2x0szm9rev/in7YU
U8y8tF+ep9JlRuzVEPkbp6eDGGDhNX+bBfs35R62qdGpMzg0S9WyT12otHZCujdu
uXQAQvS10dEm83icykAxAdA=
-----END CERTIFICATE-----
 1 s:C = US, O = SSL Corporation, CN = SSL.com TLS Issuing RSA CA R1
   i:C = US, O = SSL Corporation, CN = SSL.com TLS RSA Root CA 2022
   a:PKEY: rsaEncryption, 3072 (bit); sigalg: RSA-SHA256
   v:NotBefore: Oct 21 17:02:03 2022 GMT; NotAfter: Oct 18 17:02:02 2032 GMT
-----BEGIN CERTIFICATE-----
MIIGAjCCA+qgAwIBAgIQJrn/5Flvph4a8hxj1nJ0ijANBgkqhkiG9w0BAQsFADBO
MQswCQYDVQQGEwJVUzEYMBYGA1UECgwPU1NMIENvcnBvcmF0aW9uMSUwIwYDVQQD
DBxTU0wuY29tIFRMUyBSU0EgUm9vdCBDQSAyMDIyMB4XDTIyMTAyMTE3MDIwM1oX
DTMyMTAxODE3MDIwMlowTzELMAkGA1UEBhMCVVMxGDAWBgNVBAoMD1NTTCBDb3Jw
b3JhdGlvbjEmMCQGA1UEAwwdU1NMLmNvbSBUTFMgSXNzdWluZyBSU0EgQ0EgUjEw
ggGiMA0GCSqGSIb3DQEBAQUAA4IBjwAwggGKAoIBgQCsGwIUQNo72SnktXL5DrWq
zRx7JO52R8ymc5bzpZWCPGfU6XcZUQQl4acAlpxbox7f8MSUjen+gCIf5GjN9JpX
XGrNdhoUuvnHDM/cONSJXx7PjVAuHXglktH5ZXpVw19hjRfUG2a+CZuOEgKnJzL/
0NGJtREtqfrNy6KyoDz0H/a9VidAb4AImHiZOLuRaCBZPn+9Ugj9TWTFTEfdvcX0
or8vFnGaFw1lt6pTrnkstQH9aqYBx+d4CDjVkNaITaoJLbG8HJo1lmZS+RZ2VZZT
Gn28Wg5DdNyplWxzBVMcv+zhu1EKIlqSGuvHnXor2iFRFjBy1bVdi7sR+Vou4PUa
w/EQH4vLRYHHM2rUv/Z5qHcjDxfF+CXHrejES0PaYaA/ELJufScN/IxikaIORWuB
IUrr34pcLj+bFTlyr5CWGFbJFJeWsz5CQFxR3JJa1mkzfHHZiE1JZgojzaLYzKxz
tH2IbivPnMmMlUhLtuIW7h1JNGNeBD9b7pGd+IXPzhsCAwEAAaOCAVkwggFVMBIG
A1UdEwEB/wQIMAYBAf8CAQAwHwYDVR0jBBgwFoAU+y437uOEeicuzRk1sTN8/9RE
QrkwTAYIKwYBBQUHAQEEQDA+MDwGCCsGAQUFBzAChjBodHRwOi8vY2VydC5zc2wu
Y29tL1NTTGNvbS1UTFMtUm9vdC0yMDIyLVJTQS5jZXIwPwYDVR0gBDgwNjA0BgRV
HSAAMCwwKgYIKwYBBQUHAgEWHmh0dHBzOi8vd3d3LnNzbC5jb20vcmVwb3NpdG9y
```

```
eTAdBgNVHSUEFjAUBggrBgEFBQcDAgYIKwYBBQUHAwEwQQYDVR0fBDowODA2oDSg
MoYwaHR0cDovL2NybHMuc3NsLmNvbS9TU0xjb20tVExTLVJvb3QtMjAyMi1SU0Eu
Y3JsMB0GA1UdDgQWBBR5upR3oA0Z3TTmOaT8TKXSWm31jDAOBgNVHQ8BAf8EBAMC
AYYwDQYJKoZIhvcNAQELBQADggIBAKZ9PtxW2JsKR/yncBvfHA05VtQ0kQEqCVSz
2A3X371wf2cI+/aTFaFauBguePcTdIPcYqo7FFJ9GHCc9lN6IY9UEFCUkjtAYJ/J
3FqaS80OGqdp8bqdbeg2vmpV6T8RNj1aaEjOYcOvlzhXp8sgxzEgvSaiUklnx4A4
8vPnVQ/c+QsJ7SsFd1nzSd/+FtAiPRKKJsjLp0EC147g6Z3KHj4ymdiz3wlO+aff
UyfOeqrP+DNcMf7QuuCcNAzYExX6tYxWXdvIs/+2QyH0s3bSnCVl30IIOrbiZlSS
qXQtKYv2/Yc/M1Ws0nTUmprWdexrxlkkh4X8v9mqiQvMMzsB/pTlHICJvu4bE6pd
GG8hqlTryml2tefaMbcPadQIlZfOOHEiTxfEEYghbj3dhi+B1cb1W6TfstH0iRnL
2BZqH1X2NB2XL27lwptGkK+Pi4/edbgY3ZQM4Ylbq+zewYOeUn493lM97h/IApNi
sM6R4N1o61PLnJ88AYKI5NfhhbZAHmDoadbzKwjchqkXfjXtTH57ADcqEw9lfQOg
tqhV11c7AAYo1uqJflCVwoEjkUb1P2381YCDDdnq78XOQWPLYccZoumvkAD5BXj1
+etEwNgrK21W5wi5ZCfJLHhAxUvNxRAwwUswhbVNY/9yxUltpaXsutug019GSlBI
iTZinEPk
-----END CERTIFICATE-----
 2 s:C = US, O = SSL Corporation, CN = SSL.com TLS RSA Root CA 2022
   i:C = US, O = SSL Corporation, CN = SSL.com TLS RSA Root CA 2022
   a:PKEY: rsaEncryption, 4096 (bit); sigalg: RSA-SHA256
   v:NotBefore: Aug 25 16:34:22 2022 GMT; NotAfter: Aug 19 16:34:21 2046 GMT
-----BEGIN CERTIFICATE-----
MIIFiTCCA3GgAwIBAgIQb77arXO9CEDii02+1PdbkTANBgkqhkiG9w0BAQsFADBO
MQswCQYDVQQGEwJVUzEYMBYGA1UECgwPU1NMIENvcnBvcmF0aW9uMSUwIwYDVQQD
DBxTU0wuY29tIFRMUyBSU0EgUm9vdCBDQSAyMDIyMB4XDTIyMDgyNTE2MzQyMloX
DTQ2MDgxOTE2MzQyMVowTjELMAkGA1UEBhMCVVMxGDAWBgNVBAoMD1NTTCBDb3Jw
b3JhdGlvbjElMCMGA1UEAwwcU1NMLmNvbSBUTFMgUlNBIFJvb3QgQ0EgMjAyMjCC
AiIwDQYJKoZIhvcNAQEBBQADggIPADCCAgoCggIBANCkCXJPQIgSYT41I57u9nTP
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	202.58.83.122
Connect Time	11.16 ms
TTFB	64.08 ms
Total Time	64.17 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Content-Type: text/html",
    "2": "Content-length: 0",
    "3": "Connection: Close",
    "4": "Location: https://uitm.edu.my:443/",
    "6": "HTTP/1.1 200 OK",
    "7": "Date: Sat, 08 Aug 2026 10:16:20 GMT",
    "8": "X-Content-Type-Options: nosniff",
    "9": "Content-Type: text/html; charset=UTF-8",
    "10": "X-FRAME-OPTIONS: SAMEORIGIN",
    "11": "Set-Cookie: BNIS_x-bni-jas=dls7vcSw7jznmDKSDCuENWWIoYb7w5C2ihLJTszbYcxgLc73m5VUZuw5UuWoIATFLob8d2+zJtH+Nlgsj4QRgIFgJlSzUTe1lfb2QRqo4GcGoLOUPySksA==;
Path=/",
    "12": "Set-Cookie: 96cf2b6d733363bd0723f19b64e8fb52=c609db7126cffe159723189b26b227ed; path=/; HttpOnly; Secure",
    "13": "Transfer-Encoding: chunked",
    "14": "Strict-Transport-Security:  max-age=31536000"
}
```


IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	202.58.83.122
Connect Time	4.34 ms
TTFB	49.53 ms
Total Time	49.56 ms

Response Headers:


```
[
    "HTTP/1.1 200 OK",
    "Date: Sat, 08 Aug 2026 10:16:20 GMT",
    "X-Content-Type-Options: nosniff",
    "Content-Type: text/html; charset=UTF-8",
    "X-FRAME-OPTIONS: SAMEORIGIN",
    "Set-Cookie: BNIS_x-bni-jas=TFGUMbUe6hxlAKMHO0Gf23kTVwcAZrVrbXuHQh7lYR/bxDg3+NOJgV0O75EEG7G86apHO6h941NZNm+xO6w2lxDUjMeej1osRS4s+xIq4f2Cs8YLLQ13SA==; Path=/",
    "Set-Cookie: 96cf2b6d733363bd0723f19b64e8fb52=675e6257933f1d9936e80cb170602e39; path=/; HttpOnly; Secure",
    "Transfer-Encoding: chunked",
    "Strict-Transport-Security:  max-age=31536000"
]
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.004669 0.010810
TCP Connect IPv4 → port 443	200 0.005248 0.059151

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
```