


IPv6 Readiness Report

viewqwest.com.my — viewqwest.com.my

Category: Telco • Generated: 21 Apr 2026, 18:55 MYT • Last Checked: 07 Mar 2026, 01:14 MYT • Verification ID: e5dbd163-e83e-42a6-b545-9ee17f4ae2ca
 Report generated from National IPv6 Readiness Monitor — <https://ipv6.my6.my>
 Audit trail: <https://ipv6.my6.my/audit/e5dbd163-e83e-42a6-b545-9ee17f4ae2ca>

 Non-Compliant <small>MGv6C-1.0</small>	15% No IPv6 Support	IPv6-ONLY READINESS Website: X Not Ready DNS: X Not Ready Email: X Not Ready
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IPv4 ADDRESSES 202.73.56.144
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Network Information (WHOIS / RDAP)

IPv4 Network	
Organization	WIMOBILIZE-NET
Country	SG
ASN	AS18106
ASN Name	VIEWQWEST-SG-AP Viewqwest Pte Ltd, SG
Network (CIDR)	202.73.56.144/28

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%) 0 / 5			
#	CHECK	RESULT	DETAIL
1	NS Has AAAA Record	FAIL	No nameserver has an AAAA record.
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.
8	Signing Algorithm	INFO	No DNSKEY record found.

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	DKIM selector found: selector1_domainkey	
7	DMARC Record	FAIL	No DMARC record found.	

IPv4 Baseline (15%)				3 / 3
#	CHECK	RESULT	DETAIL	
1	A Record	PASS	202.73.56.144	
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 118ms TTFB.	
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 83ms TTFB.	

Audit Trail & Evidence Record

Verification ID	e5dbd163-e83e-42a6-b545-9ee17f4ae2ca
Domain	viewqwest.com.my
Check Mode	Manual
Status	Completed
Started	07 Mar 2026, 01:14:33 MYT
Finished	07 Mar 2026, 01:14:56 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/e5dbd163-e83e-42a6-b545-9ee17f4ae2ca

Integrity Verification

<p>✓ INTEGRITY VERIFIED</p>	
Algorithm	hmac-sha256-v1
Root Hash	6a4c8f36ec09d7c1efafa464960365a1b9e53bc9a1e4f2164bbb3da3b53fd605
http_headers	1d942acfb714b07ef51d283c545a53457beaad33155829a7ce33c00b4d3af73d
dns_responses	a2a82d0418cc2c07addfde6568e91750f2680c5ef92f74c1e3250d67e79b0efd
tls_handshake	eff6628f5e5cc1d6738ee49eaac9c120e3a8137e977405fd9ff6656f97a8940d
connectivity_log	8d6e48f429ca3d4d23a48d6cbf3a11633fa4c9572248050c7c37b10d4c92dde1
dns_resolution_times	91ef4a33687a49f6e955b6563acb6f786583199cd75601fb76138d98c44460fd

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	6.7	6.83	7.97	16.01	+1.3
Google	IPv4	26.79	26.97	15.26	18.82	-11.5
Google	IPv6	27.94	39.4	18.89	19.08	-9.1
Cloudflare	IPv4	8.73	8.97	19.83	20.13	+11.1
Cloudflare	IPv6	21.95	26.88	8.14	9.06	-13.8

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 48213
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
viewqwest.com.my. 600 IN A 202.73.56.144
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 29117
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
com.my. 1795 IN SOA b.nic.my. hostmaster.nic.my. 2026018482 1800 900 604800 3600
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 59484
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
viewqwest.com.my. 1800 IN SOA donald.vqbn.com. helpdesk.light speed.com.sg. 2025101604 14400 3600 1209600 3600
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 29816
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
viewqwest.com.my. 3600 IN IN NS tom.viewqwest.com.my.
viewqwest.com.my. 3600 IN IN NS jerry.viewqwest.com.my.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 33820
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
viewqwest.com.my. 600 IN TXT "MS=ms71368582"
viewqwest.com.my. 600 IN TXT "v=spf1" "include:spf.protection.outlook.com" "include:spf.viewqwest.com" "include:_spf.salesforce.com" "-all"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 32380
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
viewqwest.com.my. 1800 IN SOA donald.vqbn.com. helpdesk.light speed.com.sg. 2025101604 14400 3600 1209600 3600
```

RRSIG

```
donald.vqbn.com. helpdesk.light speed.com.sg. 2025101604 14400 3600 1209600 3600
```

DNSKEY

```
;; Got answer:
```

```
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 53466
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
viewqwest.com.my. 1795 IN SOA donald.vqbn.com. helpdesk.lightspeed.com.sg. 2025101604 14400 3600 1209600 3600
```

DNSSEC_VALIDATION

```
; unsigned answer
viewqwest.com.my. 3600 IN SOA donald.vqbn.com. helpdesk.lightspeed.com.sg. 2025101604 14400 3600 1209600 3600
```



```
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 2455 bytes and written 398 bytes
Verification: OK
---
New, TLSv1.3, Cipher is TLS_AES_256_GCM_SHA384
Server public key is 256 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	104.20.45.148
Connect Time	25.99 ms
TTFB	114.16 ms
Total Time	114.26 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Date: Fri, 06 Mar 2026 09:14:50 GMT",
  "2": "Server: Apache",
  "3": "Location: https://viewqwest.com.my/",
  "4": "Content-Type: text/html; charset=iso-8859-1",
  "6": "HTTP/2 301",
  "7": "strict-transport-security: max-age=31536000",
  "8": "x-content-type-options: nosniff",
  "9": "location: https://viewqwest.com/my/",
  "10": "content-type: text/html; charset=iso-8859-1",
  "11": "date: Fri, 06 Mar 2026 09:14:50 GMT",
  "12": "server: Apache",
  "14": "HTTP/2 200",
  "15": "date: Fri, 06 Mar 2026 09:14:50 GMT",
  "16": "content-type: text/html",
  "17": "strict-transport-security: max-age=63072000",
  "18": "x-content-type-options: nosniff",
  "19": "last-modified: Fri, 06 Mar 2026 07:43:05 GMT",
  "20": "vary: Accept-Encoding",
  "21": "speculation-rules: \"/cdn-cgi/speculation\"",
  "22": "access-control-allow-origin: *",
  "23": "server: cloudflare",
  "24": "cf-cache-status: DYNAMIC",
  "25": "cf-ray: 9d8040a42edaef74-SIN"
}
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	172.66.150.83
Connect Time	18.63 ms
TTFB	98.9 ms
Total Time	98.97 ms

Response Headers:

```
{
  "0": "HTTP/2 301",
  "1": "strict-transport-security: max-age=31536000",
  "2": "x-content-type-options: nosniff",
  "3": "location: https://viewqwest.com/my/",
  "4": "content-type: text/html; charset=iso-8859-1",
  "5": "date: Fri, 06 Mar 2026 09:14:51 GMT",
  "6": "server: Apache",
  "8": "HTTP/2 200",
  "9": "date: Fri, 06 Mar 2026 09:14:51 GMT",
  "10": "content-type: text/html",
  "11": "strict-transport-security: max-age=63072000",
  "12": "x-content-type-options: nosniff",
  "13": "last-modified: Fri, 06 Mar 2026 07:43:05 GMT",
  "14": "vary: Accept-Encoding",
  "15": "speculation-rules: \"/cdn-cgi/speculation\"",
  "16": "access-control-allow-origin: *",
  "17": "server: cloudflare",
  "18": "cf-cache-status: DYNAMIC",
  "19": "cf-ray: 9d8040a55e839cf9-SIN"
}
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	000 0.000000 0.000000
TCP Connect IPv4 → port 443	301 0.008465 0.033221

Test Node Network Evidence

Node Profile	dual stack
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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
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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
```