

IPv6 Readiness Report

felcra.com.my — felcra.com.my



Scan to verify

Category: Government • Generated: 04 Jul 2026, 22:33 MYT • Last Checked: 04 Jul 2026, 03:36 MYT • Verification ID: 3f645bd4-9bb0-4fbc-b871-ce580283ebcf

Report generated from National IPv6 Readiness Monitor — <https://ipv6.my6.my>

Audit trail: <https://ipv6.my6.my/audit/3f645bd4-9bb0-4fbc-b871-ce580283ebcf>

<p>X</p> <p>Non-Compliant</p> <p>MGv6C-1.0</p>	<p>37%</p> <p>No IPv6 Support</p>	<p>IPv6-ONLY READINESS</p> <p>Website: X Not Ready</p> <p>DNS: X Not Ready</p> <p>Email: X Not Ready</p>
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<p>IPv4 ADDRESSES</p> <p>104.248.98.230</p>
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Network Information (WHOIS / RDAP)

IPv4 Network	
Organization	DigitalOcean, LLC
Country	US
ASN	AS14061
ASN Name	DIGITALOCEAN-ASN - DigitalOcean, LLC, US
Network (CIDR)	104.248.0.0/16

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%) 4 / 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	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	104.248.98.230
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 48ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 28ms TTFB.

Audit Trail & Evidence Record

Verification ID	3f645bd4-9bb0-4fbe-b871-ce580283ebcf
Domain	felcra.com.my
Check Mode	Manual
Status	Completed
Started	04 Jul 2026, 03:35:42 MYT
Finished	04 Jul 2026, 03:36:07 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/3f645bd4-9bb0-4fbe-b871-ce580283ebcf

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	7b9472815beffd61e316e9c0a891d92630c02334450ae20ec9a641218d3019c7
http_headers	131c945245d2d860c07abb406e50f9e7d557789c9b5aab74caa53e545ff127b5
dns_responses	ae6c2cc5906beeb52f2c97dac93a78641e3a60a4fb5538aaa73f80575b7d3caf
tls_handshake	3719e923268ae5a175a646752cb91a0ac7a9d68d7fde560544bcf5c932df691f
connectivity_log	b0fac9b5f72015acc3bd64b75e272fc9c73e172aeb491f3f386693ad7cfabe52
dns_resolution_times	5f22bf0a938d78ae47805d19ae7767dc2cad417f3514359c405b3207171a113b

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	10.09	11.2	9.07	9.2	-1
Google	IPv4	18.14	23.92	40.05	40.46	+21.9
Google	IPv6	41.63	43.49	25.05	40.84	-16.6
Cloudflare	IPv4	20	20.5	10.82	12.86	-9.2
Cloudflare	IPv6	11.48	50.76	79.1	357.15	+67.6

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 12201
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
felcra.com.my. 600 IN A 104.248.98.230
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 55565
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.my. 3161 IN SOA e.nic.my. hostmaster.nic.my. 2026052755 1800 900 604800 3600
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 26101
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

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

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 49417
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
felcra.com.my. 600 IN NS ns4.pltpro.com.
felcra.com.my. 600 IN NS ns3.pltpro.com.
felcra.com.my. 600 IN NS ns5.pltpro.com.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 56275
;; flags: qr rd ra; QUERY: 1, ANSWER: 26, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
felcra.com.my. 600 IN TXT "trfib3u5b1do0o3tv1k3ou69g"
felcra.com.my. 600 IN TXT "m3p7b5cii2utda9148dgu70cfs"
felcra.com.my. 600 IN TXT "noiqcju1vnpe9bsi8g9o158ade"
felcra.com.my. 600 IN TXT "MS=ms86810814"
felcra.com.my. 600 IN TXT "c51qfi6h4vtnsk5gpm5jdh8k"
felcra.com.my. 600 IN TXT "k564t0n3h5mhgjkv27arooq1t8"
felcra.com.my. 600 IN TXT "lpcdcb0ibf1e29rlj5g5bmm5u0"
felcra.com.my. 600 IN TXT "teamviewer-ss0-verification=b9a84af7e70743bf8e12a05f788d659c"
felcra.com.my. 600 IN TXT "ruhanq8qp5j7oksh3miv64nphh"
felcra.com.my. 600 IN TXT "bteio8loj682u01eoe6ir65n0q"
felcra.com.my. 600 IN TXT "dtco2dagf7vuvhkipdpcun9a"
felcra.com.my. 600 IN TXT "lmiaggi44ooj4cnfuv1q1or4lk"
felcra.com.my. 600 IN TXT "99ktgnnvorrdta94c7t5d1v3n9j"
felcra.com.my. 600 IN TXT "blesrg4sbvq420uhoo5vht3kuv"
felcra.com.my. 600 IN TXT "ans99lcvqe0nkp0ikkej573uqj"
felcra.com.my. 600 IN TXT "ho99n01s4dddgut4dh38q4k4sh"
felcra.com.my. 600 IN TXT "v=spf1 ip4:103.6.239.158 ip4:103.6.239.159 include:spf.protection.outlook.com -all"
felcra.com.my. 600 IN TXT "Lerjr5a89acv86su5pkecktbn6"
felcra.com.my. 600 IN TXT "2k9a2hjsf3qdd19jgk0bhpt00l"
felcra.com.my. 600 IN TXT "8314p7uaqof04r35b9m0k69bqm"
felcra.com.my. 600 IN TXT "n71d36jdi0c0u819vrvhdt5d28"
```

```
felcra.com.my.[]600[]IN[]TXT[]"tljre6iepf6kcoh9sn8rfonva3"  
felcra.com.my.[]600[]IN[]TXT[]"n7s92c7ds5b2j1k2p5d2ub3fe5"  
felcra.com.my.[]600[]IN[]TXT[]"a1lkrumtea0c0ltprhne1jtg"  
felcra.com.my.[]600[]IN[]TXT[]"kpordamt284bq9j1dhhudcki5k"  
felcra.com.my.[]600[]IN[]TXT[]"r41behr46h8u0ek815a7jin1kg"
```

AAAA

```
;; Got answer:  
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 19691  
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1  
  
;; OPT PSEUDOSECTION:  
; EDNS: version: 0, flags:; udp: 1232  
;; AUTHORITY SECTION:  
felcra.com.my.[]576[]IN[]SOA[]ns4.pltpro.com. technical_my.pltpro.com. 2026030216 3600 900 604800 43200
```

RRSIG

```
ns4.pltpro.com. technical_my.pltpro.com. 2026030216 3600 900 604800 43200
```

DNSKEY

```
;; Got answer:  
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 31826  
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1  
  
;; OPT PSEUDOSECTION:  
; EDNS: version: 0, flags:; udp: 1232  
;; AUTHORITY SECTION:  
felcra.com.my.[]576[]IN[]SOA[]ns4.pltpro.com. technical_my.pltpro.com. 2026030216 3600 900 604800 43200
```

DNSSEC_VALIDATION

```
; unsigned answer  
felcra.com.my.[]576[]IN[]SOA[]ns4.pltpro.com. technical_my.pltpro.com. 2026030216 3600 900 604800 43200
```


HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	104.248.98.230
Connect Time	18.23 ms
TTFB	48.36 ms
Total Time	48.43 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "date: Fri, 03 Jul 2026 19:36:07 GMT",
  "2": "server: LiteSpeed",
  "3": "location: https://felcra.com.my/",
  "4": "connection: Keep-Alive",
  "6": "HTTP/2 200",
  "7": "content-type: text/html; charset=UTF-8",
  "8": "link: <https://felcra.com.my/wp-json/>; rel=\"https://api.w.org/\"",
  "9": "link: <https://felcra.com.my/wp-json/wp/v2/pages/16>; rel=\"alternate\"; title=\"JSON\"; type=\"application/json\"",
  "10": "link: <https://felcra.com.my/>; rel=shortlink",
  "11": "vary: Accept-Encoding",
  "12": "server: LiteSpeed",
  "13": "strict-transport-security: max-age=31536000; includeSubDomains",
  "14": "content-security-policy: upgrade-insecure-requests;connect-src *",
  "15": "referrer-policy: strict-origin-when-cross-origin",
  "16": "x-frame-options: SAMEORIGIN",
  "17": "x-content-type-options: nosniff",
  "18": "x-xss-protection: 1;mode=block",
  "19": "permissions-policy: geolocation=(self \"\")",
  "20": "x-litespeed-cache: hit",
  "21": "date: Fri, 03 Jul 2026 19:36:07 GMT"
}
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	104.248.98.230
Connect Time	7.63 ms
TTFB	29.2 ms
Total Time	29.23 ms

Response Headers:

```
[
  "HTTP/2 200",
  "content-type: text/html; charset=UTF-8",
  "link: <https://felcra.com.my/wp-json/>; rel=\"https://api.w.org/\"",
  "link: <https://felcra.com.my/wp-json/wp/v2/pages/16>; rel=\"alternate\"; title=\"JSON\"; type=\"application/json\"",
  "link: <https://felcra.com.my/>; rel=shortlink",
  "vary: Accept-Encoding",
  "server: LiteSpeed",
  "strict-transport-security: max-age=31536000; includeSubDomains",
  "content-security-policy: upgrade-insecure-requests;connect-src *",
  "referrer-policy: strict-origin-when-cross-origin",
  "x-frame-options: SAMEORIGIN",
  "x-content-type-options: nosniff",
  "x-xss-protection: 1;mode=block",
  "permissions-policy: geolocation=(self \"\")",
  "x-litespeed-cache: hit",
  "date: Fri, 03 Jul 2026 19:36:07 GMT"
]
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.008662 0.018896
TCP Connect IPv4 → port 443	200 0.008530 0.034159

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
--------------------------------	---

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
```