

IPv6 Readiness Report

genting.com — genting.com



Scan to verify

Category: Enterprise • Generated: 04 Jul 2026, 22:12 MYT • Last Checked: 04 Jul 2026, 03:44 MYT • Verification ID: 3f6bef65-8bf2-4edb-88c9-dd53cafc872a

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

Audit trail: <https://ipv6.my6.my/audit/3f6bef65-8bf2-4edb-88c9-dd53cafc872a>

<p>X</p> <p>Non-Compliant</p> <p>MGv6C-1.0</p>	<p>32%</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>103.246.205.242</p>

Network Information (WHOIS / RDAP)

IPv4 Network	
Organization	IPWTECH
Country	MY
ASN	AS132022
ASN Name	IPWTECH-AS-AP - IP World Technologies Sdn. Bhd., MY
Network (CIDR)	103.246.205.0/24

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.	

#	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	103.246.205.242
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 2020ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 1970ms TTFB.

Audit Trail & Evidence Record

Verification ID	3f6bef65-8bf2-4edb-88c9-dd53cafc872a
Domain	genting.com
Check Mode	Manual
Status	Completed
Started	04 Jul 2026, 03:44:13 MYT
Finished	04 Jul 2026, 03:44:47 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/3f6bef65-8bf2-4edb-88c9-dd53cafc872a

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	01178c84c78076547a7b06580c9fb3e011c5eb76f1ce35edae05aac3fb9ad7f
http_headers	f074215545df6d2bcf5664d24e286ed279f20fbb271e9d4f89f87f6e38e474a6
dns_responses	b6b129b84e401f9630c4cdfc17ca0ed244f9185de2325bfdbe4badb2ccf60b31
tls_handshake	8e2dfc911618847065097f2753844387106dec1f351281c58407b3adb960cf7f
connectivity_log	4ed2b8b1e81a8b06ac2fb77fef3649a83bf8c4ce6d9eeae15b0f9cba60bda6f6
dns_resolution_times	28e188df62c6e4287f356f9ce084d9f162cecff0c91e6b228662ffaf9d9db8cf

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	21.39	21.84	8.89	19.97	-12.5
Google	IPv4	216.76	1025	30.36	33.11	-186.4
Google	IPv6	33.09	44.2	29.18	44.09	-3.9
Cloudflare	IPv4	8.96	9.23	7.99	8.04	-1
Cloudflare	IPv6	10.31	147.9	10.7	32.22	+0.4

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 2377
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
genting.com. 300 IN A 103.246.205.242
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 37642
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com. 870 IN SOA a.gtld-servers.net. nstld.verisign-grs.com. 1783107821 1800 900 604800 900
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 26957
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
genting.com. 300 IN MX 10 genting-com.mail.protection.outlook.com.
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 2772
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 4

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
genting.com. 300 IN NS egns4.genting.com.
genting.com. 300 IN NS egns2.genting.com.
genting.com. 300 IN NS egns1.genting.com.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 57282
;; flags: qr rd ra; QUERY: 1, ANSWER: 7, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
genting.com. 300 IN TXT "v=spf1 mx ip4:182.255.20.6 ip4:182.255.21.6 a:capricorn.genting.com include:spf.protection.outlook.com include:_spf.google.com -all"
genting.com. 300 IN TXT "google-site-verification=HYZWAzvbEVnMBIeuA9PXfZ07FLcqfrluKUs9WjGLsU"
genting.com. 300 IN TXT "google-site-verification=4GuotpkaaUTTMmpAqxrVhXZKosnLocu2HM3ymLSTmo"
genting.com. 300 IN TXT "google-gws-recovery-domain-verification=71144213"
genting.com. 300 IN TXT "b8l17165m319htfxq5llwzgj3ydg00ky"
genting.com. 300 IN TXT "k6fgs5x0fgw9gbgpm9ht8ym5zbsvwwhl"
genting.com. 300 IN TXT "MS=C84D386E41B758C14AE91AD8AAA5CDC2E83E19D1"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 29650
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
genting.com. 300 IN SOA egns1.genting.com. admin.egenting.com. 660 1200 600 1209600 300
```

RRSIG

```
egns1.genting.com. admin.egenting.com. 696 1200 600 1209600 300
```

DNSKEY

```
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 44103
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
genting.com. IN SOA egns1.genting.com. admin.egenting.com. 660 1200 600 1209600 300
```

DNSSEC_VALIDATION

```
; unsigned answer
genting.com. IN SOA egns1.genting.com. admin.egenting.com. 696 1200 600 1209600 300
```



```

b2Nzc5nb2RhZGR5LmNvbS8wNQYDVR0fBC4wLDAQoCigJoYkaHR0cDovL2Nybc5n
b2RhZGR5LmNvbS9nZHJvb3QtZzIuY3JsMEYGA1UdIAQ/MD0wOwYEVROgADAzMDEG
CCsGAQUFBwIBFiVodHRwczovL2NlcnRzLmdvZGFkZHKuY29tL3JlCG9zaXRvcnkv
MA0GCSqGSIb3DQEBwUAA4IBAQAIfmyTEMg4uJapKev/ov9PB09sPpyIBsLQj6Zz
91cxG7685C/b+LrTW+C05+Z5Yg4MotdqY3MxtfWoSKQ7CC2iXZDXtHwLTXFWMMS2
Rj17LJ3LXubvDGqV+QqG+6EnriDfcFDzkSNE3ANKR/0yB0tg2DZ2HKocYQetawi
DsoXiWJYRBurisUBAA/NxBti21G00w9RKpv0vHP8ds42pM3Z2Czqrpv1KrKQ0U11
G1o/ikGQI31bS/6kA11bRrLDYGD+HIQ0c7CoZDDu+8CL9IVV05EFdkKrqeKM+2x
LXY2JtwE65/3YR8V3Idv7kaWKK2hJn0KCacuBKONvPi8BDAB
-----END CERTIFICATE-----
2 s:C = US, ST = Arizona, L = Scottsdale, O = "GoDaddy.com, Inc.", CN = Go Daddy Root Certificate Authority - G2
i:C = US, O = "The Go Daddy Group, Inc.", OU = Go Daddy Class 2 Certification Authority
a:PKKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
v:NotBefore: Jan 1 07:00:00 2014 GMT; NotAfter: May 30 07:00:00 2031 GMT
-----BEGIN CERTIFICATE-----
MIIEFTCCA2WgAwIBAgIDG+cVMA0GCSqGSIb3DQEBwUAMGMxCzAJBgNVBAYTALVT
MSEwHwYDVQKExhUaGUGR28gRGFKZHKgR3JvdXAsIEluYy4xMTAvBgNVBAsTKEdv
IERhZGR5IENsYXNzIDIGQ2VydG1maWNhdG1vb1BBdXRob3JpdHkwHhcNMjAwMTAx
MDcwMDAwHhcnMzEwNTMwMDcwMDAwJzCBgZELMAKGA1UEBhMCMVVMxEDA0BgNVBAGT
B0FyaXpvbmExEzARBgNVBAcTCLNjb3R0c2RhbGUxGjAYBgNVBAoTEUdvRGFKZHKu
Y29tL3JlCG9zaXRvcnkvMA0GCSqGSIb3DQEBwUAA4IBAQAIfmyTEMg4uJapKev/ov9PB09sPpyIBsLQj6Zz
91cxG7685C/b+LrTW+C05+Z5Yg4MotdqY3MxtfWoSKQ7CC2iXZDXtHwLTXFWMMS2
Rj17LJ3LXubvDGqV+QqG+6EnriDfcFDzkSNE3ANKR/0yB0tg2DZ2HKocYQetawi
DsoXiWJYRBurisUBAA/NxBti21G00w9RKpv0vHP8ds42pM3Z2Czqrpv1KrKQ0U11
G1o/ikGQI31bS/6kA11bRrLDYGD+HIQ0c7CoZDDu+8CL9IVV05EFdkKrqeKM+2x
LXY2JtwE65/3YR8V3Idv7kaWKK2hJn0KCacuBKONvPi8BDAB
gPtLXcwy7IViQyU0ALYnAZG003AqP26x6JyIAX2f1PnbU21gnb8s51iruF9G/M7E

```


HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	103.246.205.242
Connect Time	6.01 ms
TTFB	1940.23 ms
Total Time	1940.35 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Date: Fri, 03 Jul 2026 19:44:40 GMT",
  "2": "Server:",
  "3": "Referrer-Policy: origin-when-cross-origin",
  "4": "X-Redirect-By: Permalink Manager",
  "5": "X-Frame-Options: SAMEORIGIN",
  "6": "Location: https://www.genting.com/",
  "7": "Content-Type: text/html; charset=UTF-8",
  "8": "X-XSS-Protection: 1; mode=block",
  "9": "X-Content-Type-Options: nosniff",
  "11": "HTTP/1.1 200 OK",
  "12": "Date: Fri, 03 Jul 2026 19:44:41 GMT",
  "13": "Server:",
  "14": "Referrer-Policy: origin-when-cross-origin",
  "15": "Content-Security-Policy: base-uri 'self'; connect-src 'self' https://www.google-analytics.com https://www.googletagmanager.com https://www.gstatic.com https://www.google.com; default-src 'self'; font-src 'self' data: https://fonts.gstatic.com; frame-src 'self' https://www.insage.com.my https://insage.com.my; img-src 'self' data: https://www.genting.com https://www.gentingplantations.com https://ps.w.org https://secure.gravatar.com; manifest-src 'self'; media-src 'self' https://www.genting.com; object-src 'none'; report-uri 'self'; script-src 'report-sample' 'unsafe-inline' 'unsafe-eval' 'self' https://vjs.zencdn.net/ie8/1.1.2/videojs-ie8.min.js https://cdnjs.cloudflare.com/ajax/libs/gsap/latest/plugins/CSSPlugin.min.js https://cdnjs.cloudflare.com/ajax/libs/gsap/latest/TweenLite.min.js https://cdnjs.cloudflare.com/ajax/libs/morris.js/0.5.1/morris.min.js https://cdnjs.cloudflare.com/ajax/libs/gsap/3.12.5/gsap.min.js https://code.jquery.com/jquery-1.7.0.min.js https://vjs.zencdn.net/7.5.5/video.js https://vjs.zencdn.net/8.17.3/video.min.js https://www.google-analytics.com/analytics.js https://www.googletagmanager.com/gtag/js; style-src 'unsafe-inline' 'report-sample' 'self' https://vjs.zencdn.net/8.17.3/video-js.min.css https://vjs.zencdn.net/7.5.5/video-js.css https://vjs.zencdn.net/8.17.3/video-js.css; style-src-elem 'self' 'unsafe-inline' https://vjs.zencdn.net https://fonts.googleapis.com; worker-src 'self' blob;; form-action 'self';",
  "16": "Link: <https://www.genting.com/>; rel=shortlink",
  "17": "X-Frame-Options: SAMEORIGIN",
  "18": "Content-Type: text/html; charset=UTF-8",
  "19": "X-XSS-Protection: 1; mode=block",
  "20": "X-Content-Type-Options: nosniff",
  "21": "Strict-Transport-Security: max-age=31536000"
}
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	103.246.205.242
Connect Time	5.86 ms
TTFB	1933.41 ms
Total Time	1933.53 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Date: Fri, 03 Jul 2026 19:44:42 GMT",
  "2": "Server:",
  "3": "Referrer-Policy: origin-when-cross-origin",
  "4": "Content-Security-Policy: base-uri 'self'; connect-src 'self' https://www.google-analytics.com https://www.googletagmanager.com https://www.gstatic.com https://www.google.com; default-src 'self'; font-src 'self' data: https://fonts.gstatic.com; frame-src 'self' https://www.insage.com.my https://insage.com.my; img-src 'self' data: https://www.genting.com https://www.gentingplantations.com https://ps.w.org https://secure.gravatar.com; manifest-src 'self'; media-src 'self' https://www.genting.com; object-src 'none'; report-uri 'self'; script-src 'report-sample' 'unsafe-inline' 'unsafe-eval' 'self' https://vjs.zencdn.net/ie8/1.1.2/videojs-ie8.min.js https://cdnjs.cloudflare.com/ajax/libs/gsap/latest/plugins/CSSPlugin.min.js https://cdnjs.cloudflare.com/ajax/libs/gsap/latest/TweenLite.min.js https://cdnjs.cloudflare.com/ajax/libs/morris.js/0.5.1/morris.min.js https://cdnjs.cloudflare.com/ajax/libs/gsap/3.12.5/gsap.min.js https://code.jquery.com/jquery-1.7.0.min.js https://vjs.zencdn.net/7.5.5/video.js https://vjs.zencdn.net/8.17.3/video.min.js https://www.google-analytics.com/analytics.js https://www.googletagmanager.com/gtag/js; style-src 'unsafe-inline' 'report-sample' 'self' https://vjs.zencdn.net/8.17.3/video-js.min.css https://vjs.zencdn.net/7.5.5/video-js.css https://vjs.zencdn.net/8.17.3/video-js.css; style-src-elem 'self' 'unsafe-inline' https://vjs.zencdn.net https://fonts.googleapis.com; worker-src 'self' blob;; form-action 'self';",
  "5": "X-Redirect-By: Permalink Manager",
  "6": "X-Frame-Options: SAMEORIGIN",
}
```

```

"7": "Location: https://www.gending.com/",
"8": "Content-Type: text/html; charset=UTF-8",
"9": "X-XSS-Protection: 1; mode=block",
"10": "X-Content-Type-Options: nosniff",
"11": "Strict-Transport-Security: max-age=31536000",
"13": "HTTP/1.1 200 OK",
"14": "Date: Fri, 03 Jul 2026 19:44:43 GMT",
"15": "Server:",
"16": "Referrer-Policy: origin-when-cross-origin",
"17": "Content-Security-Policy: base-uri 'self'; connect-src 'self' https://www.google-analytics.com https://www.googletagmanager.com https://www.gstatic.com
https://www.google.com; default-src 'self'; font-src 'self' data: https://fonts.gstatic.com; frame-src 'self' https://www.insage.com.my https://insage.com.my; img-
src 'self' data: https://www.gending.com https://www.gendingplantations.com https://ps.w.org https://secure.gravatar.com; manifest-src 'self'; media-src 'self'
https://www.gending.com; object-src 'none'; report-uri 'self'; script-src 'report-sample' 'unsafe-inline' 'unsafe-eval' 'self'
https://vjs.zencdn.net/ie8/1.1.2/videojs-ie8.min.js https://cdnjs.cloudflare.com/ajax/libs/gsap/latest/plugins/CSSPlugin.min.js
https://cdnjs.cloudflare.com/ajax/libs/gsap/latest/TweenLite.min.js https://cdnjs.cloudflare.com/
https://cdnjs.cloudflare.com/ajax/libs/morris.js/0.5.1/morris.min.js https://cdnjs.cloudflare.com/ajax/libs/gsap/3.12.5/gsap.min.js https://code.jquery.com/jquery-
1.7.0.min.js https://vjs.zencdn.net/7.5.5/video.js https://vjs.zencdn.net/8.17.3/video.min.js https://www.google-analytics.com/analytics.js
https://www.googletagmanager.com/gtag/js; style-src 'unsafe-inline' 'report-sample' 'self' https://vjs.zencdn.net/8.17.3/video-js.min.css
https://vjs.zencdn.net/7.5.5/video-js.css https://vjs.zencdn.net/8.17.3/video-js.css; style-src-elem 'self' 'unsafe-inline' https://vjs.zencdn.net
https://fonts.googleapis.com; worker-src 'self' blob; form-action 'self';",
"18": "Link: <https://www.gending.com/>; rel=shortlink",
"19": "X-Frame-Options: SAMEORIGIN",
"20": "Content-Type: text/html; charset=UTF-8",
"21": "X-XSS-Protection: 1; mode=block",
"22": "X-Content-Type-Options: nosniff",
"23": "Strict-Transport-Security: max-age=31536000"
}
    
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.001860 0.961653
TCP Connect IPv4 → port 443	301 0.001574 0.981091

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
    
```