IPv6 Readiness Report

sapuraenergy.com — sapuraenergy.com

Scan to verify

Category: Enterprise • Generated: 02 Nov 2026, 03:11 MYT • Last Checked: 08 Aug 2026, 18:31 MYT • Verification ID: 7766e422-596e-4cad-bf0e-508fbed8f0b1
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/7766e422-596e-4cad-bf0e-508fbed8f0b1

✗
Non-Compliant
MGv6C-1.0

55%
No IPv6 Support

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

IPV4 ADDRESSES
128.199.237.84

Network Information (WHOIS / RDAP)

	IPv4 Network
Organization	digitalocean
Country	GB
ASN	AS14061
ASN Name	DIGITALOCEAN-ASN - DigitalOcean, LLC, US
Network (CIDR)	128.199.0.0/16

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%) — 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%) — 4 / 4

#	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	128.199.237.84
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 164ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 167ms TTFB.

Audit Trail & Evidence Record

Verification ID	7766e422-596e-4cad-bf0e-508fbed8f0b1
Domain	sapuraenergy.com
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:30:59 MYT
Finished	08 Aug 2026, 18:31:20 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/7766e422-596e-4cad-bf0e-508fbed8f0b1

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	58df0ab70dfa45e245df118a6479dce3837a91e2f02f413aeefe8c749d7fc77a
http_headers	873472d141897aa0b38a865b10daad3754933848cebb5ab06e57e5859e96c58b
dns_responses	af8785573f20ba7902fe8e8b3b4ab5edd343148bb87a2828a164cd55b2bb948a
tls_handshake	1724a5051d2a8d78500e822f5be10d676530a1068d505caf45cc5e56b357ad83
connectivity_log	1c46601fc473aec1811e087fb3a0c155ab8d6d1b493922063faafa17d0cda812
dns_resolution_times	f99c90427ddd6ba41c2de64b69c89613f01c00bd7175428c82931444a2adc280

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	24.63	28.51	27.3	30.81	+2.7
Google	IPv4	142.79	364.8	79.62	145.92	-63.2
Google	IPv6	128.55	148.18	127.93	139.76	-0.6
Cloudflare	IPv4	23.05	23.2	24.32	24.58	+1.3
Cloudflare	IPv6	31.28	40.7	24.02	30.41	-7.3

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 4647
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
sapuraenergy.com.□3600□IN□A□128.199.237.84
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 9588
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.□□□894□IN□SOA□a.gtld-servers.net. nstld.verisign-grs.com. 1786185039 1800 900 604800 900
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 9825
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

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

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 38532
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
sapuraenergy.com.□3600□IN□NS□ns03.domaincontrol.com.
sapuraenergy.com.□3600□IN□NS□ns04.domaincontrol.com.
```

TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 46077
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
sapuraenergy.com.□1800□IN□TXT□"MS=ms43845273"
sapuraenergy.com.□1800□IN□TXT□"v=spf1 ip4:198.21.3.77 ip4:149.72.80.177 ip4:49.255.189.58 ip4:110.232.151.245 ip4:49.255.221.208/29 include:spf.protection.outlook.com
include:spf.au.exclaimer.net -all"
sapuraenergy.com.□1800□IN□TXT□"successfactors-site-verification=ZmNhMjE1OWY2NWQ4MjY3NDI0YjljNmU1ZjQ0MmY5ZDg5NzVhMWYwYzczOGYxMjg1ZjU0MTkxMGJhZjFlOGRkNA=="
sapuraenergy.com.□1800□IN□TXT□"google-site-verification=hNNyawKYS7TabhHHa_bMYs1TrF6ToPmehls2EkbdNBQ"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 8231
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
sapuraenergy.com.□582□IN□SOA□ns03.domaincontrol.com. dns.jomax.net. 2026062202 28800 7200 604800 600
```

RRSIG

```
ns03.domaincontrol.com. dns.jomax.net. 2026062202 28800 7200 604800 600
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 24919
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
sapuraenergy.com.	582	IN	SOA	ns03.domaincontrol.com. dns.jomax.net. 2026062202 28800 7200 604800 600
```

DNSSEC_VALIDATION

```
; unsigned answer
sapuraenergy.com.	582	IN	SOA	ns03.domaincontrol.com. dns.jomax.net. 2026062202 28800 7200 604800 600
```

TLS Handshake Evidence

IPV4 Connection

IP Used	128.199.237.84
IP Version	4

```
depth=2 C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication Root R46
verify return:1
depth=1 C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication CA DV R36
verify return:1
depth=0 CN = *.sapuraenergy.com
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:CN = *.sapuraenergy.com
   i:C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication CA DV R36
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: Jan 27 00:00:00 2026 GMT; NotAfter: Feb 10 23:59:59 2027 GMT
-----BEGIN CERTIFICATE-----
MIIGlTCCBP2gAwIBAgIQdfWqS4Q4FJQN0VJAxpyq8DANBgkqhkiG9w0BAQsFADBg
MQswCQYDVQQGEwJHQjEYMBYGA1UEChMPU2VjdGlnbyBMaW1pdGVkMTcwNQYDVQQD
Ey5TZWN0aWdvIFB1YmxpYyBTZXJ2ZXIgQXV0aGVudGljYXRpb24gQ0EgRFYgUjM2
MB4XDTI2MDEyNzAwMDAwMFoXDTI3MDIxMDIzNTk1OVowHTEbMBkGA1UEAwwSKi5z
YXB1cmFlbmVyZ3kuY29tMIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEA
pehPWcKGVVs7fW/hSn7cdvvIkWjSs1GHF60z+X4KiJuWvn1wfoM8Tpgs+MqKWs1u
b9BfFjMCba4C1qungp4kdmL/1EOv6D/pC9YmuRDMJCLDWeTIXVJ8b4gYQOcZ4cY8
0xcx2knZUzj2E5LpinLKk9E/txsi8gJXeBblB0l/K0aA3Q1vwOgFy7ctcDz80wtp
x5iP42P2GAiLdlaCMPRunHkzvfyAGPeiS28WF+dfdC16MAFSVw0F7FgZRxX53Pny
iVvmIQzyvcCGrr0M6T78pPf1K4C9pqaLKlMjNYItH97c7vUs28Q6tj9cO9AkXdAS
MrZAyVScGkltVTq8o8B+HwIDAQABo4IDDDCCAwgwHwYDVR0jBBgwFoAUaMASFhgO
r872h6YyV6NGUV3LBycwHQYDVR0OBBYEFDbUchJ0k3Lyso0iQf8q12OEqUYgMA4G
A1UdDwEB/wQEAwIFoDAMBgNVHRMBAf8EAjAAMBMGA1UdJQQMMAoGCCsGAQUFBwMB
MEkGA1UdIARCMEAwNAYLKwYBBAGyMQECAgcwJTAjBggrBgEFBQcCARYXaHR0cHM6
Ly9zZWN0aWdvLmNvbS9DUFMwCAYGZ4EMAQIBMIGEBggrBgEFBQcBAQR4MHYwTwYI
KwYBBQUHMAKGQ2h0dHA6Ly9jcnQuc2VjdGlnby5jb20vU2VjdGlnb1B1YmxpY1Nl
cnZlckF1dGhlbnRpY2F0aW9uQ0FEVlIzNi5jcnQwIwYIKwYBBQUHMAGGF2h0dHA6
Ly9vY3NwLnNlY3RpZ28uY29tMC8GA1UdEQQoMCaCEiouc2FwdXJhZW5lcmd5LmNv
bYIQc2FwdXJhZW5lcmd5LmNvbTCCAY4GCisGAQQB1nkCBAIEggF+BIIBegF4AHYA
HJ9oLOn68EVpUPgbloqH3dsyENhM5siy44JSSsTPWZ8AAAGb/tPvBgAABAMARzBF
AiAKTxmXvsOxUjY/2js7YanNJWykgTY//TK4a65U0CKmqwIhAM42ylgq6OY27AOX
zeMCAscSWn5ppmvQpath8Y3RbupJAH4AjspHC6zeavOiBrCkeoS3Rv4fxr+VPiXm
m07kAkjzxugAAAGb/tPwggAIAAAFAAHzzqQEAwBHMEUCIA/z1Ad35BH7VwG0nGvN
jGRUI6aAFWJELN9pd4+7eadZAiEAgf2DMaU5QWIu78w1rqO0rBCSDDCl4TOaReeY
7+k5nngAfgBZbmwzhpSyWXKiVsig6N2QSnboCD3ahzsBCDgoFDzuWQAAAZv+0+8h
AAgAAAUAABrTRQQDAEcwRQIgMjdW/6pCgpbDYnmVWqABeCHRC8RekVh+b1Nr7Kuy
qTYCIQCQvuuYtpaYKMDrcmnHW0MnwCqffn6uUjwM9Pr/kz4kCzANBgkqhkiG9w0B
AQsFAAOCAYEAX74TwXirvNIqltFkZ6du+F1jAPvyGYSh9WWIWMK5Dl3+OCJTan84
yI4WP9yMfXrar9BpoBoFsNFfVH4jrBtVvs7yV//pEPrvDNykZ9etN7v8rgm6wNbb
AX2v6pjJ4qOnUqndU0Jlttx19gddhh2reJL8RCt5l7tsDUiVk9V3/0OUKkJKvKU9
kv/8cuC815Y9ZUJvVfQpcflpCdfbbFwpj5EvhapaEqR18qCt4bQADdrxhzFLKM/6
NsB8l0zZVH4FY67rx8sFwZfT+deAMZXDBpSowdpR0gYZxmfqZc28X2GG1TCx912C
xQrZKwfXJihuEKkSk47MkSuage4rKanWutrDnV7NOZMF86e2HOd2k+1v0VXw+xfv
07lEegNHttUUMyLn4INVNU44h9Y7umxlgdxnK/a6dQ3mKlN2yz77yfpb4mOj6Jwk
Bq4sA8vtHwqDIzsskndZOf2qyPgRQY7yBacB/RFs9FAahQxqSeV5rSs42+MxoVdVA
gl6W7UuC0OXY
-----END CERTIFICATE-----
 1 s:C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication CA DV R36
   i:C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication Root R46
   a:PKEY: rsaEncryption, 3072 (bit); sigalg: RSA-SHA384
   v:NotBefore: Mar 22 00:00:00 2021 GMT; NotAfter: Mar 21 23:59:59 2036 GMT
-----BEGIN CERTIFICATE-----
MIIGTDCCBDSgAwIBAgIQOXpmzCdWNi4NqofKbqvjsTANBgkqhkiG9w0BAQwFADBf
MQswCQYDVQQGEwJHQjEYMBYGA1UEChMPU2VjdGlnbyBMaW1pdGVkMTYwNAYDVQQD
Ey1TZWN0aWdvIFB1YmxpYyBTZXJ2ZXIgQXV0aGVudGljYXRpb24gUm9vdCBSNDYw
HhcNMjEwMzIyMDAwMDAwWhcNMzYwMzIxMjM1OTU5WjBgMQswCQYDVQQGEwJHQjEY
MBYGA1UEChMPU2VjdGlnbyBMaW1pdGVkMTcwNQYDVQQDEy5TZWN0aWdvIFB1Ymxp
YyBTZXJ2ZXIgQXV0aGVudGljYXRpb24gQ0EgRFYgUjM2MIIBojANBgkqhkiG9w0B
AQEFAAOCAY8AMIIBigKCAYEAljZf2HIz7+SPUPQCQObZYcrxLTHYdf1ZtMRe7Yeq
RPSwygz16qJ9cAWtWNTcuICc++p8Dct7zNGxCpqmEtqifO7NvuB5dEVexXn9RFFH
12Hm+NtPRQgXIFjx6MSJcNWuVO3XGE57L1mHlcQYj+g4hny90aFh2SCZCDEVkAja
EMMfYPKuCjHuuF+bzHFb/9gV8P9+ekcHENF2nR1efGWSKwnfG5RawlkaQDpRtZTm
M64TIsv/r7cyFO4nSjs1jLdXYdz5q3a4L0NoabZfbdxVb+CUEHfB0bpulZQtH1Rv
38e/lIdP7OTTIlZh6OYL6NhxP8So0/sht/4J9mqIGxRFc0/pC8suja+wcIUna0HB
pXKfXTKpzgis+zmXDL06ASJf5E4A2/m+Hp6b84sfPAwQ766rI65mh50S0Di9E3Pn
2WcaJc+PILsBmYpgtmgWTR9eV9otfKRUBfzHUHcVgarub/XluEpRlTtZudU5xbFN
xx/DgMrXLUAPaI60fZ6wA+PTAgMBAAGjggGBMIIBfTAfBgNVHSMEGDAWgBRWc1hk
lfmSGrASKgRieaFAFYghSTAdBgNVHQ4EFgQUaMASFhgOr872h6YyV6NGUV3LBycw
DgYDVR0PAQH/BAQDAgGGMBIGA1UdEwEB/wQIMAYBAf8CAQAwHQYDVR0lBBYwFAYI
```

```
KwYBBQUHAwEGCCsGAQUFBwMCMBsGA1UdIAQUMBIwBgYEVR0gADAIBgZngQwBAgEw
VAYDVR0fBE0wSzBJoEegRYZDaHR0cDovL2NybC5zZWN0aWdvLmNvbS9TZWN0aWdv
UHVibGljU2VydmVyQXV0aGVudGljYXRpb25Sb290UjQ2LmNybDCBhAYIKwYBBQUH
AQEEeDB2ME8GCCsGAQUFBzAChkNodHRwOi8vY3J0LnNlY3RpZ28uY29tL1NlY3Rp
Z29QdWJsaWNTZXJ2ZXJBdXRoZW50aWNhdGlvblJvb3RSNDYucDdjMCMGCCsGAQUF
BzABhhdodHRwOi8vb2NzcC5zZWN0aWdvLmNvbTANBgkqhkiG9w0BAQwFAAOCAgEA
YtOC9Fy+TqECFw40IospI92kLGgoSZGPOSQXMBqmsGWZUQ7rux7cj1du6d9rD6C8
ze1B2eQjkrGkIL/OF1s7vSmgYVafsRoZd/IHUrkoQvX8FZwUsmPu7amgBfaY3g+d
q1x0jNGKb6I6Bzdl6LgMD9qxp+3i7GQOnd9J8LFSietY6Z4jUBzVoOoz8iAU84OF
h2HhAuiPw1ai0VnY38RTI+8kepGWVfGxfBWzwH9uIjeooIeaosVFvE8cmYUB4TSH
5dUyD0jHct2+8ceKEtIoFU/FfHq/mDaVnvcDCZXtIgitdMFQdMZaVehmObyhRdDD
4NQCs0gaI9AAgFj4L9QtkARzhQLNyRf87Kln+YU0lgCGr9HLg3rGO8q+Y4ppLsOd
unQZ6ZxPNGIfOApbPVf5hCe58EZwiWdHIMn9lPP6+F404y8NNugbQixBber+x536
WrZhFZLjEkhp7fFXf9r32rNPfb74X/U90Bdy4lzp3+X1ukh1BuMxA/EEhDoTOS3l
7ABvc7BYSQubQ2490OcdkIzUh3ZwDrakMVrbaTxUM2p24N6dB+ns2zptWCva6jzW
r8IWKIMxzxLPv5Kt3ePKcUdvkBU/smqujSczTzzSjIoR5QqQA6lN1ZRSnuHIWCvh
JEltkYnTAH41QJ6SAWO66GrrUESwN/cgZzL4JLEqz1Y=
-----END CERTIFICATE-----
---
Server certificate
subject=CN = *.sapuraenergy.com
issuer=C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication CA DV R36
---
No client certificate CA names sent
Peer signing digest: SHA256
Peer signature type: RSA-PSS
Server Temp Key: X25519, 253 bits
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	128.199.237.84
Connect Time	17.81 ms
TTFB	150.44 ms
Total Time	150.72 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Date: Sat, 08 Aug 2026 10:31:19 GMT",
    "2": "Server: Apache",
    "3": "Location: https://vantrisenergy.com/",
    "4": "Content-Type: text/html; charset=iso-8859-1",
    "6": "HTTP/1.1 200 OK",
    "7": "Date: Sat, 08 Aug 2026 10:31:19 GMT",
    "8": "Server: Apache",
    "9": "Content-Security-Policy: default-src 'self'; script-src 'self' https://www.googletagmanager.com https://www.google-analytics.com https://s7.addthis.com;
connect-src 'self' https://www.google-analytics.com; img-src 'self' https://www.google-analytics.com data:; style-src 'self' 'unsafe-inline'; frame-ancestors 'self';
object-src 'none'; base-uri 'self'; form-action 'self';",
    "10": "Strict-Transport-Security: max-age=31536000; includeSubDomains; preload",
    "11": "Link: <https://vantrisenergy.com/wp-json/>; rel=\"https://api.w.org/\"",
    "12": "Link: <https://vantrisenergy.com/wp-json/wp/v2/pages/342>; rel=\"alternate\"; title=\"JSON\"; type=\"application/json\"",
    "13": "Link: <https://vantrisenergy.com/>; rel=shortlink",
    "14": "Content-Type: text/html; charset=UTF-8"
}
```


IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	128.199.237.84
Connect Time	17.71 ms
TTFB	163.69 ms
Total Time	163.77 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Date: Sat, 08 Aug 2026 10:31:20 GMT",
    "2": "Server: Apache",
    "3": "X-Frame-Options: SAMEORIGIN",
    "4": "X-Content-Type-Options: nosniff",
    "5": "Referrer-Policy: strict-origin",
    "6": "Strict-Transport-Security: max-age=31536000; includeSubDomains",
    "7": "Permissions-Policy: geolocation=(),midi=(),sync-xhr=(),microphone=(),camera=(),magnetometer=(),gyroscope=(),fullscreen=(self),payment=()",
    "8": "Location: https://vantrisenergy.com/",
    "9": "Content-Type: text/html; charset=iso-8859-1",
    "11": "HTTP/1.1 200 OK",
    "12": "Date: Sat, 08 Aug 2026 10:31:20 GMT",
    "13": "Server: Apache",
    "14": "Content-Security-Policy: default-src 'self'; script-src 'self' https://www.googletagmanager.com https://www.google-analytics.com https://s7.addthis.com;
connect-src 'self' https://www.google-analytics.com; img-src 'self' https://www.google-analytics.com data:; style-src 'self' 'unsafe-inline'; frame-ancestors 'self';
object-src 'none'; base-uri 'self'; form-action 'self';",
    "15": "Strict-Transport-Security: max-age=31536000; includeSubDomains; preload",
    "16": "Link: <https://vantrisenergy.com/wp-json/>; rel=\"https://api.w.org/\"",
    "17": "Link: <https://vantrisenergy.com/wp-json/wp/v2/pages/342>; rel=\"alternate\"; title=\"JSON\"; type=\"application/json\"",
    "18": "Link: <https://vantrisenergy.com/>; rel=shortlink",
    "19": "Content-Type: text/html; charset=UTF-8"
}
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.007574 0.014960
TCP Connect IPv4 → port 443	301 0.008851 0.044370

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
```