DNSreport Results for miracletheatre.co.uk

Export Share

Overall Results:

0	7	26	5
FAIL	WARNING	PASS	INFO

PARENT

Status	Test Name	Information
WARN	Parent zone provides NS records	Parent zone does not provide glue for nameservers, which will cause delays in resolving your domain name. The following nameserver addresses were not provided by the parent 'glue' and had to be looked up individually. This is perfectly acceptable behavior per the RFCs. This will usually occur if your DNS servers are not in the same TLD as your domain (for example, a DNS server of "ns1.example.org" for the domain "example.com"). In this case, you can speed up the connections slightly by having NS records that are in the same TLD as your domain. ns1.svr27-speedyservers.com. | No Glue | TTL=172800 ns2.svr27-speedyservers.com. | No Glue | TTL=172800
PASS	Number of nameservers	At least 2 (RFC2182 section 5 recommends at least 3), but fewer than 8 NS records exist (RFC1912 section 2.8 recommends that you have no more than 7). This meets the RFC minimum requirements, but is lower than the upper limits that some domain registrars have on the number of nameservers. A larger number of nameservers reduce the load on each and, since they should be located in different locations, prevent a single point of failure. The NS Records provided are: ns1.svr27-speedyservers.com. | No Glue | TTL=172800 ns2.svr27-speedyservers.com. | No Glue | TTL=172800

NS

Status	Test Name	Information
PASS	Unique nameserver IPs	All nameserver addresses are unique. The Nameservers provided are nameservers that supply answers for your zone, including those responsible for your mailservers or nameservers A records. If any are missing a name (No Name Provided), it is because they did not send an A record when asked for data or were not specifically asked for that data: ns2.ukwebsolutionsdirect.com. | 195.8.196.254 ns1.ukwebsolutionsdirect.com. | 193.189.74.254
PASS	All nameservers respond	All nameservers responded. We were able to get a timely response for NS records from your nameservers, which indicates that they are running correctly and your zone (domain) is valid. The Nameservers provided are nameservers that supply answers for your zone, including those responsible for your mailservers or nameservers A records. If any are missing a name (No Name Provided), it is because they did not send an A record when asked for data or were not specifically asked for that data: ns2.ukwebsolutionsdirect.com. | 195.8.196.254 ns1.ukwebsolutionsdirect.com. | 193.189.74.254
PASS	Open DNS servers	Nameservers do not respond to recursive queries. Your DNS servers do not announce that they are open DNS servers (i.e. answering recursively). Although there is a slight chance that they really are open DNS servers, this is very unlikely. Open DNS servers increase the chances of cache poisoning, can degrade performance of your DNS, and can cause your DNS servers to be used in an attack, so it is imperative that externally facing DNS servers do not recursively answer queries.
PASS	All nameservers authoritative	All nameservers answered authoritatively for the zone. This indicates that the zones for this domain are set up correctly on your nameservers and that we should be able to get good responses to further queries.
PASS	NS list matches parent list	NS list matches list from parent zone. This indicates that your parent nameservers are 'aware' of the correct authoritative nameservers for your domain. This ensures less overhead for DNS queries, because an extra DNS resolution step is not required.
PASS	NS address list matches parent zone	NS addresses matches list from parent zone. This indicates that your parent nameservers are 'aware' of the correct authoritative nameservers for your domain. This ensures less overhead for DNS queries, because an extra DNS resolution step is not required.
WARN	Stealth nameservers	One or more stealth nameservers discovered. This means that one or more nameservers are not listed at both the parent and authoritative nameservers. This can be confusing and can cause delays or other hard to diagnose inconsistencies. The stealth nameservers discovered are: ns2.ukwebsolutionsdirect.com. has nameserver ns2.ukwebsolutionsdirect.com. | 195.8.196.254 listed where other nameservers do not. ns2.ukwebsolutionsdirect.com. has nameserver ns1.ukwebsolutionsdirect.com. | 193.189.74.254 listed where other nameservers do not. ns1.ukwebsolutionsdirect.com. has nameserver ns2.ukwebsolutionsdirect.com. | 195.8.196.254 listed where other nameservers do not. ns1.ukwebsolutionsdirect.com. has nameserver ns1.ukwebsolutionsdirect.com. | 193.189.74.254 listed where other nameservers do not.
PASS	Stealth nameservers respond	All stealth nameservers respond. While having stealth nameservers can be problematic, the ones that exist are responding to queries, which can limit the negative impact of having them in the first place.

Status	Test Name	Information
WARN	TCP allowed	Not all nameservers responded to queries via TCP. This means that queries that require TCP connections will get inconsistent answers, which can cause delays or intermittent failures. The nameservers that failed TCP queries are: `No Name Provided | 207.46.100.42`
PASS	Nameserver software version	Responses from nameservers do not appear to be version numbers. While version information is important internally, DNS version information displayed externally can leave your servers vulnerable to version-specific exploits. Your servers appear to hide this information and are likely safer.
PASS	All nameservers have identical records	All of your nameservers are providing the same list of nameservers.
PASS	All nameserver addresses are public	All of your nameserver addresses are public. If there were any private IPs, they would not be reachable, causing DNS delays.

SOA

Status	Test Name	Information

PASS	SOA record check	All nameservers provided a SOA record for the zone. This is good because your nameservers should be configured in a master slave relationship, which allows uniform updates and agreement of resource record data. The SOA records provided are:
		
		`Primary nameserver: ns1.ukwebsolutionsdirect.com.`
		`Hostmaster E-mail address: servers@ukwsd.com.`
		`Serial #: 2017021500`
		`Refresh: 86400`
		`Retry: 7200`
		`Expire: 3600000`
		`Minimum: 86400`

PASS	SOA serial agreement	All nameserver SOAs agree on the serial number. This means that your nameservers are using the same data (unless you have different sets of data with the same serial number, which would be very bad)!

WARN	SOA field check	One or more SOA fields are outside recommended ranges. Values that are out of specifications could cause delays in record updates or unnecessary network traffic. The SOA fields out of range are:
		
		`refresh | 86400 | REFRESH - expected range should be between 1200 and 43200 seconds.`
		`expire | 3600000 | EXPIRE - RFC1912 suggests a value between 1209600 to 2419200.`

MX

Status	Test Name	Information

PASS	MX records check	Two or more different MX records exist within the zone. This is good and ensures consistent and fail-safe mail deliverability. The MX records are:
		
		`preference = 10 mx1.mailbox-defender.com. [89.238.188.193]`
		`preference = 10 mx2.mailbox-defender.com. [89.238.188.194]`
		`preference = 0 miracletheatre-co-uk.mail.protection.outlook.com. [213.199.154.106]`

PASS	Differing mailserver addresses	All hostnames referenced by MX records resolve to different IP addresses. It is important that you have different IP addresses for your MX records, as it ensures that there is not a single point of failure for mail delivery. The hostname IP addresses are:
		
		`195.8.196.254 has mx1.mailbox-defender.com. | 89.238.188.193 listed.`
		`195.8.196.254 has mx2.mailbox-defender.com. | 89.238.188.194 listed.`
		`195.8.196.254 has miracletheatre-co-uk.mail.protection.outlook.com. | 213.199.154.106 listed.`
		`193.189.74.254 has miracletheatre-co-uk.mail.protection.outlook.com. | 213.199.154.106 listed.`
		`193.189.74.254 has mx1.mailbox-defender.com. | 89.238.188.193 listed.`
		`193.189.74.254 has mx2.mailbox-defender.com. | 89.238.188.194 listed.`

PASS	Reverse DNS entries for MX servers	All addresses referenced by MX records have matching reverse DNS entries. This is good because many mail platforms and spam-prevention schemes require consistency between MX hostnames and IP address PTR records, aka reverse DNS.

MAIL

Status	Test Name	Information
PASS	All IP addresses public	All mailserver IP addresses are public. If there were any private IPs, they would not be reachable.

PASS	Connect to mail server	All connections to Mailservers port 25 are successful. The standard port for SMTP transactions is 25, so your servers should be operating on that port. The Mailserver addresses are:
		
		`89.238.188.193 | connected`
		`89.238.188.194 | connected`
		`213.199.154.106 | connected`

PASS	SMTP banner	All banner greetings comply with SMTP specified format.
		
		`89.238.188.193 | 220 filter1.cp247.net ESMTP Exim 4.86-116167 Mon, 22 May 2017 15:49:46 +0000`
		`89.238.188.194 | 220 filter2.cp247.net ESMTP Exim 4.86-116167 Mon, 22 May 2017 15:49:47 +0000`
		`213.199.154.106 | 220 AM5EUR03FT059.mail.protection.outlook.com Microsoft ESMTP MAIL Service ready at Mon, 22 May 2017 15:49:46 +0000`

Status	Test Name	Information
WARN	SMTP greeting	Malformed greeting or no A records found matching banner text for following servers, and banner is not an address literal. RFC5321 requires one or the other (should not be a CNAME). If this is not set correctly, some mail platforms will reject or delay mail from you, and can cause hard to diagnose issues with deliverability. Mailserver details: 89.238.188.193 | 250-filter1.cp247.net Hello adf-b.dnsstuff.com [74.115.12.14]250-SIZE250-8BITMIME250-STARTTLS250 HELP 89.238.188.194 | 250-filter2.cp247.net Hello adf-b.dnsstuff.com [74.115.12.14]250-SIZE250-8BITMIME250-STARTTLS250 HELP 213.199.154.106 | WARNING: The hostname in the SMTP greeting does not match the reverse DNS (PTR) record for your mail server. This probably won't cause any harm, but may be a technical violation of RFC5321
PASS	Acceptance of NULL sender	Mailserver accepts mail from the null sender address. Mailservers are required to accept mail from a null sender, because this is how delivery status notifications/DSNs are delivered. 89.238.188.193 | 250 OK 89.238.188.194 | 250 OK 213.199.154.106 | 250 2.1.0 Sender OK
WARN	Acceptance of postmaster	Mailserver rejected mail to postmaster. Mailservers are required by RFC822 6.3, RFC1123 5.2.7, and RFC2821 4.5.1 to have a valid postmaster address that is accepting mail. The Mailserver provided is: 89.238.188.193 | unexpected response to [RCPT TO:] | 550 relay not permitted! 89.238.188.194 | unexpected response to [RCPT TO:] | 550 relay not permitted! 213.199.154.106 | 250 2.1.5 Recipient OK
WARN	Acceptance of abuse	Mailserver rejected mail to abuse. Mailservers are required by RFC2142 Section 2 to have a valid abuse address that is accepting mail. 89.238.188.193 | unexpected response to [RCPT TO:] | 550 relay not permitted! 89.238.188.194 | unexpected response to [RCPT TO:] | 550 relay not permitted! 213.199.154.106 | 250 2.1.5 Recipient OK
INFO	Acceptance of address literals	Mailserver rejected mail to address literals. Mailservers are technically required by RFC1123 section 5.2.17 to accept mail to domain literals (i.e. IP addresses instead of domains). This ensures backwards compatibility and can help with delivery in certain non-optimal situations, like a DNS server being down/unresponsive. 89.238.188.193 | unexpected response to [RCPT TO:] | 501 : domain literals not allowed 89.238.188.194 | unexpected response to [RCPT TO:] | 501 : domain literals not allowed 213.199.154.106 | unexpected response to [RCPT TO:] | 550 5.7.64 TenantAttribution; Relay Access Denied [AM5EUR03FT051.eop-EUR03.prod.protection.outlook.com]
PASS	Open relay	Mailserver does not appear to be an open relay. This is good. It is important to make sure that external mail servers do not relay mail for domains they are not authoritative for, so that they cannot be abused by third-parties to send unauthorized mail. 89.238.188.193 | 550 relay not permitted! 89.238.188.194 | 550 relay not permitted! 213.199.154.106 | 501 5.1.5 Recipient address reserved by RFC 2606 [AM5EUR03FT003.eop-EUR03.prod.protection.outlook.com]

WWW

Status	Test Name	Information
INFO	WWW record check	Domain has a WWW hostname provided through one or more CNAME lookups, which will slow down clients attempting to resolve this host. www.miracletheatre.co.uk. | miracletheatre.co.uk. | 14400 miracletheatre.co.uk. | 193.189.74.95 | 14400
PASS	Domain record	The domain literal has an address record, the records found are: miracletheatre.co.uk. | 193.189.74.95 | 14400
PASS	IP Address(es) valid	All addresses are public. If there were any private IPs, they would not be reachable, causing problems reaching your web site.
PASS	WWW enabled	We connected to WWW, the title data found is: 193.189.74.95 : Miracle Theatre | Touring theatre made in Cornwall across the UK since 1979
INFO	SSL enabled	SSL is not enabled. This is ok, but if your website offers online shopping or other private services, you should acquire an SSL cert and enable SSL. SSL will encrypt the data communication between your site and customers, helping to prevent private data from being intercepted and read.

DNSSEC

Status	Test Name	Information
INFO	DNSSEC records check	No DNSSEC records created for this zone. Many major institutions and government agencies are planning to move to DNSSEC. You may want to consider an implementation plan for the zone specified. If you implemented DNSSEC for your zone we would be able to run further tests.

SPF

Status	Test Name	Information
INFO	SPF record check	This domain has an SPF record, or an SPF formatted TXT record. SPF usage may have a negligible impact on spam prevention and if implemented incorrectly cause serious mail delivery problems for remote users. This software does not check the content of your SPF record to test if it is well designed only that it exists. Your SPF record(s) for each nameserver is/are: "v=spf1 +a +mx +ip4:193.189.75.88 +include:spf.emailamp.com +include:spf.emailamp.com +ip4:193.189.74.95 +ip4:89.238.188.250 +ip4:89.238.188.251 +ip4:89.238.188.252 +ip4:89.238.188.253 ~all"

Status	Test Name	Information
PASS	SPF formatted TXT record exists	An SPF formatted TXT record was found. This configuration is in wide use as a verification mechanism. Note: this test does not verify the design of this record only that it exists (listing includes one for each nameserver). "v=spf1 +a +mx +ip4:193.189.75.88 +include:spf.emailamp.com +include:spf.emailamp.com +ip4:193.189.74.95 +ip4:89.238.188.250 +ip4:89.238.188.251 +ip4:89.238.188.252 +ip4:89.238.188.253 ~all"
PASS	SPF value covers incoming mailservers	The SPF value allows mail delivery from all mailservers in the domain. The SPF results are: domain of miracletheatre.co.uk designates 89.238.188.193 as permitted sender domain of miracletheatre.co.uk designates 89.238.188.194 as permitted sender domain of miracletheatre.co.uk designates 213.199.154.106 as permitted sender