

## DNS Report

View a complete report on the DNS settings for your domain. This tool is designed to assist webmasters and system administrators diagnose DNS related issues. A number of tests are run on your DNS settings with results displayed in an easy to understand manner.

Enter domain

Generate

HTML

JSON

DNS Report for 'ev-bau.ch'

Parent Nameserver Tests

STATUS	TEST CASE	INFORMATION
		Nameserver records returned by the parent servers are:
<div></div>	NS records listed at parent servers	ns-171-c.gandi.net. [NO GLUE] [TTL=3600] ns-186-b.gandi.net. [NO GLUE] [TTL=3600] ns-0-a.gandi.net. [NO GLUE] [TTL=3600]  This information was kindly provided by a.nic.ch.
<div></div>	Domain listed at parent servers	Good! The parent servers have information on your domain. Some other domains (like .co.us) do not have a DNS zone at the parent servers.
<div></div>	NS records listed at parent servers	Good! The parent servers have your NS records listed. If they didn't, people wouldn't be able to find your domain!
<div></div>	Parent servers return glue	OK. The TLD of your domain (ch) differs from that of your nameservers (net). As such, the parent servers are not required to send glue.
<div></div>	A record for each NS at parent	OK. The parent servers don't need to have A records for your nameservers since the TLD of your domain (ch) differs from that of your nameservers (net).

Local Nameserver Tests

STATUS	TEST CASE	INFORMATION
		NS records retrieved from your local nameservers were:
<div></div>	NS records at your local servers	ns-0-a.gandi.net. [NO GLUE] [TTL=10800] ns-171-c.gandi.net. [NO GLUE] [TTL=10800] ns-186-b.gandi.net. [NO GLUE] [TTL=10800]
<div></div>	Glue at local nameservers	Oops! Your local nameservers don't return IP addresses (glue) along with your NS records! This isn't a fatal error but means an extra lookup needs to be performed increasing the load time to your site. You can fix this by adding A records for each of the nameservers listed above.
<div></div>	Same glue at local and parent servers	OK. Since the GTLD for your domain (ch) differs from that of your nameservers (net), the result of this test is irrelevant since the parent servers aren't even required to hold the A records for your nameservers.
<div></div>	Same NS records at each local nameserver	Good! All your local nameservers have identical NS records for your domain.
<div></div>	Check that all nameservers respond	Good! All of your nameservers listed at the parent servers responded.
<div></div>	Check all nameservers are valid	Good! All of your nameservers appear to be valid (e.g. are not IP addresses or partial domain names).
<div></div>	Number of nameservers	Good! You have at least 2 nameservers. Whilst RFC218 section 2.5 specifies a minimum of 3, as long as you have 2 or more, you should be ok!
<div></div>	Local nameservers answer authoritatively	Good! All your nameservers answer authoritatively for your domain.
<div></div>	Missing NS records at parent servers	Good! The parent servers have all the nameservers listed for your domain as your local nameservers!
<div></div>	Missing NS records at local servers	Good! Your local servers have all the nameservers listed for your domain that are listed at the parent servers!
<div></div>	No CNAME records for domain	Good! No CNAME records are present for 'ev-bau.ch'. RFC1912 section 2.4 and RFC2181 section 10.3 state that there should be no CNAME records if any other records are present for a given domain.
<div></div>	No CNAME records for nameservers	Good! No CNAME records are present for your nameservers. RFC1912 section 2.4 and RFC2181 section 10.3 state that there should be no CNAME records if any other records (e.g. an A record) are present for a nameserver.
<div></div>	Nameservers are on different IP subnets	Good! All your nameservers are in separate class C (/24) subnets.
<div></div>	Nameservers have public IP's	Good! All your NS records have public IP addresses.
<div></div>	Nameservers allow TCP connections	Good! We can establish a TCP connection with each of your nameservers on port 53. Whilst UDP is most commonly used for the DNS protocol, TCP connections are occasionally used.

Start of Authority (SOA) Tests

STATUS	TEST CASE	INFORMATION
		Your Start of Authority (SOA) record is:
<div></div>	SOA Record	Primary nameserver: ns1.gandi.net. Hostmaster E-mail address: hostmaster.gandi.net. Serial number: 1742428800 Refresh: 10800 Retry: 3600 Expire: 604800 Minimum TTL: 10800
<div></div>	All nameservers have same SOA serial number	Good! All your nameservers agree that your SOA serial number is 1742428800
<div></div>	SOA primary nameserver listed at parent	Oops! The primary nameserver listed in your SOA record (ns1.gandi.net.) is not listed at the parent servers! This could suggest a configuration issue with your SOA record.
<div></div>	SOA serial number format	Oops! Your SOA serial number (1742428800) doesn't seem to be in the recommended format (YYYYMMDDnn - where nn is the revision number). This is still OK, however, as long as you are keeping track of your SOA version details.
<div></div>	SOA Refresh value	Good! Your SOA Refresh value (10800) is within the recommended range of 1 hour (3600) to 1 day (86400).
<div></div>	SOA Retry value	Good! Your SOA Retry value (3600) is within the recommended range of 5 minutes (300) to 4 hours (14400).
<div></div>	SOA Expire value	Good! Your SOA Expire value (604800) is within the recommended range of 1 week (604800) to 4 weeks (2419200).
<div></div>	SOA Minimum TTL value	Good! Your SOA Minimum TTL value (10800) is within the recommended range of less than 3 days (259200).

Mail eXchanger (MX) Tests

STATUS	TEST CASE	INFORMATION
<div></div>	MX Records	You don't appear to have any Mail eXchanger (MX) records for your domain. This means you will not be able to receive email at this domain name (e.g. yourname@ev-bau.ch). If you wish to use mail on this domain, you should configure one or more MX records.

WWW Record Tests

STATUS	TEST CASE	INFORMATION
<div></div>	WWW record	www.ev-bau.ch A records are:  www.ev-bau.ch. CNAME s.eu-multiscreensite.com. [TTL=3600]
<div></div>	WWW A record has public IP	Good! The IP address(es) of the A records returned for your WWW record have public IP addresses.
<div></div>	WWW CNAME lookup	Oops! You have a CNAME entry for your WWW record but the A record associated is not returned with it! This means an extra lookup needs to be performed, unnecessarily increasing loading times for your site.