

# How To Troubleshoot Basic DNS Issues

This tutorial is operating under the assumption that you are using SSH. Details for how to perform similar steps in a browser will be added later.

- [Step 1. Check the official nameservers for the domain with:](#)
- [Step 2. Check that the DNS records are @ the official nameservers:](#)
- [Step 3. Verify when there may have been a recent change to this domain.](#)
- [Step 4. Check on DNS propagation to see if this appears to be the issue:](#)
- [Other Very Helpful Tools:](#)

## Step 1. Check the official nameservers for the domain with:

```
whois domain.com
```

## Step 2. Check that the DNS records are @ the official nameservers:

```
dig +short @[nameserver] domain.com type  
ex. dig +short @ns1.west-datacenter.net ifurniss.whsites.net
```

## Step 3. Verify when there may have been a recent change to this domain.

## Step 4. Check on DNS propagation to see if this appears to be the issue:

```
http://whatsmydns.net/#A/domain.com  
ex. http://whatsmydns.net/#A/ifurniss.whsites.net/
```

### **\*\*Free Proxy servers\*\***

```
http://zend2.com/  
http://freeproxyserver.net/
```

### **\*\*Sites to check website\*\***

```
http://meormyhost.com/  
http://downforeveryoneorjustme.com/
```

## Other Very Helpful Tools:

```
dig +short @nameserver domain type  
nslookup domain.com  
host domain.com  
host -t mx domain.com  
host ip_address reverse DNS whois domain.com http://whatsmydns.com/#A/domain.com
```