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How to Set Up DNS Lookup in Linux

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Q. How do I setup DNS Lookup under any Linux distribution ?

A. When an application (such as mail client or browser) makes a request which requires a DNS lookup, such programs send a resolution request to the local DNS resolver in the local operating system, which in turn handles the communications required. Under Linux resolver is configured via /etc/resolv.conf file. Open this file as a root user, enter:



[1]

```
# vi /etc/resolv.conf
```

Append or modify as follows into the file:

```
search nixcraft.com
nameserver 4.2.1.1
nameserver 4.2.1.2
nameserver 4.2.1.3
```

Save and close the file. Replace nixcraft.com with your actual domain name. 4.2.1.1 is first name server address. Save and close the file. Test setup, enter:

```
$ host cyberciti.com
$ host -t ns cyberciti.com
```

Sample output:

```
cyberciti.com name server ns2.nixcraft.net.
cyberciti.com name server ns1.nixcraft.net.
cyberciti.com name server ns3.nixcraft.net.
```

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