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## nslookup / host Dns Client Testing Command Not Found on Debian / Ubuntu Linux

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**Q.** I'm not able to run nslookup or host command under Debian or Ubuntu Linux. In fact, these commands are missing from my installation. How do I install nslookup and related dns client commands?

**A.** You need to install a package called dnsutils - which provide clients such as nslookup, host and other tools. The Berkeley Internet Name Domain (BIND) implements an Internet domain name server. his package delivers various client programs related to DNS that are derived from the BIND source tree.



[1]

## Install dnsutils

Login as the root user and type the following commands:

```
# apt-get update
# apt-get install dnsutils
```

Output:

```
Reading package lists... Done
Building dependency tree... Done
The following extra packages will be installed:
  bind9-host libbind9-0 libdns22 libisc11 libisccc0 libiscfg1 liblwres9
Suggested packages:
  rblcheck
The following NEW packages will be installed:
  bind9-host dnsutils libbind9-0 libdns22 libisc11 libisccc0 libiscfg1 liblwres9
0 upgraded, 8 newly installed, 0 to remove and 28 not upgraded.
Need to get 1339kB of archives.
After unpacking 3183kB of additional disk space will be used.
Do you want to continue [Y/n]? y
Get:1 http://security.debian.org etch/updates/main libisc11 1:9.3.4-2etch1 [169kB]
Get:2 http://security.debian.org etch/updates/main libdns22 1:9.3.4-2etch1 [474kB]
Get:3 http://security.debian.org etch/updates/main libisccc0 1:9.3.4-2etch1 [94.0kB]
Get:4 http://security.debian.org etch/updates/main libiscfg1 1:9.3.4-2etch1 [106kB]
Get:5 http://security.debian.org etch/updates/main libbind9-0 1:9.3.4-2etch1 [94.0kB]
Get:6 http://security.debian.org etch/updates/main liblwres9 1:9.3.4-2etch1 [110kB]
Get:7 http://security.debian.org etch/updates/main bind9-host 1:9.3.4-2etch1 [113kB]
Get:8 http://security.debian.org etch/updates/main dnsutils 1:9.3.4-2etch1 [180kB]
Fetched 1339kB in 58s (22.9kB/s)
Selecting previously deselected package libisc11.
(Reading database ... 14445 files and directories currently installed.)
Unpacking libisc11 (from .../libisc11_1%3a9.3.4-2etch1_i386.deb) ...
Selecting previously deselected package libdns22.
Unpacking libdns22 (from .../libdns22_1%3a9.3.4-2etch1_i386.deb) ...
Selecting previously deselected package libisccc0.
Unpacking libisccc0 (from .../libisccc0_1%3a9.3.4-2etch1_i386.deb) ...
Selecting previously deselected package libiscfg1.
Unpacking libiscfg1 (from .../libiscfg1_1%3a9.3.4-2etch1_i386.deb) ...
Selecting previously deselected package libbind9-0.
Unpacking libbind9-0 (from .../libbind9-0_1%3a9.3.4-2etch1_i386.deb) ...
Selecting previously deselected package liblwres9.
Unpacking liblwres9 (from .../liblwres9_1%3a9.3.4-2etch1_i386.deb) ...
Selecting previously deselected package bind9-host.
Unpacking bind9-host (from .../bind9-host_1%3a9.3.4-2etch1_i386.deb) ...
Selecting previously deselected package dnsutils.
Unpacking dnsutils (from .../dnsutils_1%3a9.3.4-2etch1_i386.deb) ...
Setting up libisc11 (9.3.4-2etch1) ...
```

```
Setting up libdns22 (9.3.4-2etch1) ...  
Setting up libisc0 (9.3.4-2etch1) ...  
Setting up libiscfg1 (9.3.4-2etch1) ...  
Setting up libbind9-0 (9.3.4-2etch1) ...  
Setting up liblwres9 (9.3.4-2etch1) ...  
Setting up bind9-host (9.3.4-2etch1) ...  
Setting up dnstools (9.3.4-2etch1) ...
```

Now you should be able to use dig, host and other tools:

```
$ nslookup google.com  
$ host cyberriti.biz
```

Output:

```
cyberriti.biz has address 74.86.49.130  
cyberriti.biz mail is handled by 10 sun.simplyguide.org.
```

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