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Linux / UNIX: Ping a Block of Hosts (netblock)

Posted by Vivek Gite <vivek@nixcraft.com>

Q. How do I ping a block of hosts such as 192.168.1.0/24?

A. You can use ping or fping. The -g option generate a target list from a supplied IP netmask, or a starting and ending IP. Specify the netmask or start/end in the targets portion of the command line.

fping command

[2]   [1]

To ping the class C 192.168.1.0/24, the specified command line could look like either:

```
$ fping -g 192.168.1.0/24
```

OR

```
$ fping -g 192.168.1.0 192.168.1.255
```

ping command

You can also use ping command, enter:

```
for i in {1..254}; do ping -c1 192.168.1.$i; done
```

There are other options like nmap, nbtscan, Windows NT / Server specific loop discussed here [3].

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URLs in this post:

[1] Image: **http://www.cyberciti.biz/faq/category/bash-shell/**
[2] Image: **http://www.cyberciti.biz/faq/category/unix/**
[3] loop discussed here: **http://www.cyberciti.biz/faq/mapping-lan-with-linux-unix-ping-command/**