



## NTP

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NTP is a networking protocol for clock synchronization.

A manual, one-time synchronization with an NTP server can be carried out in operational mode like this:

```
vyos@vyos-rtr:~$ set date ntp <IP address>
```

Automatic synchronization with NTP server

In order for the system to automatically synchronize its date and time, associations with one or more NTP servers must be created:

```
vyos@vyos-rtr# set system ntp server <IP address or hostname>
```

Show the current status of connections to NTP servers, how often they are being polled and updating the system's clock, an Asterisk (\*) next to a NTP server entry indicates a successful synchronization:

```
vyos@vyos-rtr:~$ show ntp
```

remote	local	st	poll	reach	delay	offset
=====						
==						
=193.219.28.147	192.168.0.1	2	1024	377	0.10153	0.010927
0.12732						
*194.40.240.30	192.168.0.1	2	1024	377	0.03886	0.000217
0.12424						
=213.199.225.30	192.168.0.1	2	1024	377	0.09447	0.004778
0.12447						