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Modifier ou ajouter un serveur de temps

Contrôle

Je contrôle le temps avec la commande:

```
date
Sat Oct 28 9:50:38 UTC 2023
```

Je contrôle le Time Zone:

```
timedatectl list-timezones
Europe/Rome
```

J'affiche les serveurs NTP présent dans ma machine:

```
ntpq -p
      remote                refid              st t when poll reach  delay  offset
jitter
=====
==
 0.debian.pool.n .POOL.           16 p   -   64    0   0.000  +0.000
0.000
 1.debian.pool.n .POOL.           16 p   -   64    0   0.000  +0.000
0.000
 2.debian.pool.n .POOL.           16 p   -   64    0   0.000  +0.000
0.000
 3.debian.pool.n .POOL.           16 p   -   64    0   0.000  +0.000
0.000
-ns3051461.ip-51 192.162.70.70    3 u   452 1024 377   12.715  +0.853
0.318
-45.128.41.10    192.168.78.236  2 u   536 1024 377   10.144  -51.092
5.361
-82-64-131-93.su 82.64.45.50     2 u   389 1024 377   21.741  -136.10
109.166
-router-ix5.serv 78.194.78.49    3 u   192 1024 377    8.749   -1.142
0.981
*villisika.miuku 85.199.214.98   2 u   221 1024 377    8.075   -1.662
1.130
+time.cloudflare 10.19.13.133    3 u   811 1024 377    7.457   -0.312
0.382
```

```
+blade2.rack1.se 29.88.99.4      2 u 935 1024 377 12.194 +0.150  
0.271
```

Modification

NTP Serveur

J'ajoute des serveurs NTP:

```
nano /etc/ntp.conf  
Ajouter les serveurs français:  
# pool: <http://www.pool.ntp.org/join.html>  
server 0.fr.pool.ntp.org  
server 1.fr.pool.ntp.org  
server 2.fr.pool.ntp.org  
server 3.fr.pool.ntp.org
```

Time Zone

```
sudo timedatectl set-timezone Europe/Paris
```

Ajouter le bon fuseau horaire:

```
Europe/Paris
```

Lister TimeZone

```
timedatectl list-timezones
```

Relancer Service

```
systemctl restart ntp
```

Je contrôle le statut :

```
timedatectl status
```

```
Local time: Sat 2023-10-28 12:16:41 CEST  
Universal time: Sat 2023-10-28 10:16:41 UTC  
RTC time: Sat 2023-10-28 10:16:41  
Time zone: Europe/Paris (CEST, +0200)
```

```
System clock synchronized: yes
                        NTP service: n/a
                        RTC in local TZ: no
```

Aide

```
timedatectl help
```

```
*timedatectl [OPTIONS...] COMMAND ...
```

Query or change system **time** and **date** settings.

Commands:

status	Show current time settings
show	Show properties of systemd-timedated
set-time TIME	Set system time
set-timezone ZONE	Set system time zone
list-timezones	Show known time zones
set-local-rtc BOOL	Control whether RTC is in local time
set-ntp BOOL	Enable or disable network time synchronization

systemd-timesyncd Commands:

timesync-status	Show status of systemd-timesyncd
show-timesync	Show properties of systemd-timesyncd

Options:

-h --help	Show this help message
--version	Show package version
--no-pager	Do not pipe output into a pager
--no-ask-password	Do not prompt for password
-H --host=[USER@]HOST	Operate on remote host
-M --machine=CONTAINER	Operate on local container
--adjust-system-clock	Adjust system clock when changing local RTC mode
--monitor	Monitor status of systemd-timesyncd
-p --property=NAME	Show only properties by this name
-a --all	Show all properties, including empty ones
--value	When showing properties, only print the value

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