

Re: Problems with the Timezone

Source: <http://newsgroups.derkeiler.com/Archive/Comp/comp.protocols.time.ntp/2006-05/msg00115.html>

- *From:* Martin Burnicki <martin.burnicki@xxxxxxxxxxxx>
 - *Date:* Wed, 10 May 2006 22:02:27 +0200
-

Marvin,

Marvin Garcia wrote:

This is what i have en the ntp.conf file.

[...]

Looks OK.

```
Look this again
root@snbntp0201 # date
Wed May 10 21:41:57 GMT 2006
root@snbntp0201 # date -u
Wed May 10 17:42:00 GMT 2006
root@snbntp0201 # echo $TZ
GMT-4
```

if you see my timezone var is set to GMT-4 (this is the one that belongs to me location). the system date (Wed May 10 21:41:57 GMT 2006) should be (Wed May 10 17:42:00 GMT 2006) - 4 = Wed May 10 13:42:00 GMT 2006 not (Wed May 10 17:42:00 GMT 2006)+ 4 = Wed May 10 21:41:57 GMT 2006, because my GMT is set to GMT-4.

As already mentioned in my other post, the old TZ thing works exactly the other way round. If your local time is GMT - 4 hours (or let's better call it UTC - 4 hours) then you must set the TZ environment variable to GMT4 because the definition is UTC = local time + TZ value. Just try:

```
date -u # returns UTC time
TZ=GMT4 date # displays UTC time - 4 hours
```

On my system is looks like this:

```
# date -u
Wed May 10 19:57:38 UTC 2006
# TZ=GMT4 date
Wed May 10 15:57:40 GMT 2006
```

Re: Problems with the Timezone

I think the result is what you expect. However, "GMT" is a poor choice for the abbreviation of the time zone name since it implies that the displayed time is GMT, which in fact it isn't. Better use a abbreviation which is associated to what you call your local time zone.

Anyway, using TZ this way is outdated and you should preferably configure your time zone maybe as "America/Santo_Domingo", as Richard B. Gilbert proposed in one of his posts.

Martin

—

Martin Burnicki

Meinberg Funkuhren
Bad Pyrmont
Germany

.