Subject: Re: NTP Server in einer virtuellen Umgebung - SOLVED
Posted by MailingListe on Tue, 13 Dec 2011 08:44:48 GMT
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Zitat von Daniel Bauer <mlist@dsb-gmbh.de>:

> From: <lst_hoe02@kwsoft.de>
>> Zitat von Daniel Bauer <mlist@dsb-gmbh.de>:
>>
>>> From: <lst_hoe02@kwsoft.de>
>>>> Zitat von Daniel Pittman <daniel@rimspace.net>:
>>>>
>>>>> On Sun, Dec 11, 2011 at 07:09, Daniel Bauer <mlist@dsb-gmbh.de>
>>>>> wrote:
>>>>>
>>>>>> I've a VPS for my internal LAN, which should also be used as a NTP
>>>>>> server.
>>>>>> The HN has already syncronized the time by de.pool.ntp.org, so the
>>>>>> time is
>>>>>> also ok inside the VPS.
>>>>>> The NTP server inside the VPS stalled, ntpq -p shows:
>>>>>
>>>>> You don't need NTP inside the container, just on the HN. The VE
>>>>> can't
>>>>> set the time anyhow.
>>>>
>>>> Not really true. You need special capabilities assigned to the VE to
>>>> let it manage your system clock. So if you need ntp inside the VE you
>>>> should do something like "vzctl set <VEID> --capability sys_time:on",
>>>> install ntp inside the VE and deinstall it on the HN.
>>>
>>> But that's not what I want.
>>>
>>> I want the HN to be a NTP client, so that all (HN + VE) have a valid
>>> time.
>>> This works already.
>>>
>>> I want the VE to be a NTP server for the local LAN, without beeing a
>>> NTP Client.
>>> That doesn't work.
>>
>> NTP by default only works as server if it has a valid timesource. By
>> default it does not use the "local clock" because its unreliable. On
>> the other hand NTP always try to adjust the local clock if it has a
>> valid timesource. This does not work in a VE if you don't set the
>> capability to adjust the clock, NTP will even run as "root" if it is
>> not able to adjust the local clock with the intended user.
>>

>> If you insist on your network design your options are:
>> - Let the VE NTP get the time from the HN and let it run as root on the
>> VE
>> - Try to hack NTP use the local clock as timesource and not try to
>> update
>
> the solution was not to take localhost, but
>> server 127.127.1.0
>> fudge 127.127.1.0 stratum 12
> now it works.

But be aware that NTP inside the VE is running as "root" in this case.
Don't every expose it to untrusted networks this way.

Regards

Andreas

File Attachments
1) smime.p7s, downloaded 463 times