

## FreeNAS - Bug #42749

### Remove NTP alert code that was generating false positives

08/23/2018 12:55 PM - Tim Walter

<b>Status:</b> Done	
<b>Priority:</b> No priority	
<b>Assignee:</b> Vladimir Vinogradenko	
<b>Category:</b> Middleware	
<b>Target version:</b> 11.2-BETA3	
<b>Seen in:</b> Master - FreeNAS Nightlies	<b>Needs Merging:</b> No
<b>Severity:</b> Medium	<b>Needs Automation:</b> No
<b>Reason for Closing:</b>	<b>Support Suite Ticket:</b> n/a
<b>Reason for Blocked:</b>	<b>Hardware Configuration:</b>
<b>Needs QA:</b> No	<b>ChangeLog Required:</b> No
<b>Needs Doc:</b> No	
<b>Description</b>	
AFAIK I've never touched the NTP Server section. I have three entries 0.freebsd.pool.ntp.org, 1.freebsd.pool.ntp.org, 2.freebsd.pool.ntp.org but every time the system boots I get the alert No available NTP Servers	
<b>Related issues:</b>	
Has duplicate FreeNAS - Bug #43536: NTP status: stratum 11 is too large for t... <span style="float: right;">Closed</span>	

#### Associated revisions

##### Revision d62fe176 - 08/26/2018 06:14 AM - Vladimir Vinogradenko

net/ntpstat

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##### Revision d65363ef - 08/26/2018 06:31 AM - Vladimir Vinogradenko

Enable ntpdate on boot

ntpdate\_sync\_on\_start="YES" is not always enough. When system time is much ahead of real time, ntpdate adjusts it correctly but then for some reason assigns .STEP. ref id to all servers. This leads to NTP Alert being false positive. It often happens when using VMs: e.g. hypervisor timezone is UTC and FreeNAS timezone is UTC-5. System will boot with clock set 5 hours ahead of real time, ntpdate will set correct time but will display .STEP. ref id for all servers for 5 hours and NTP Alert code will consider system time as not synchronized.

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##### Revision 454a7dcf - 08/26/2018 07:13 AM - Vladimir Vinogradenko

fix(ntp): Remove overengineered and wordy NTP alert code emitting too many false positives in favor of well-known and widely used ntpstat

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**Revision 2c619f72 - 08/29/2018 01:48 AM - Vladimir Vinogradenko**

fix(ntp): Remove overengineered and wordy NTP alert code emitting too many false positives

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**Revision d26a1fa6 - 08/29/2018 11:47 AM - Vladimir Vinogradenko**

fix(ntp): Remove overengineered and wordy NTP alert code emitting too many false positives

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## History

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**#1 - 08/23/2018 01:32 PM - Dru Lavigne**

- *Private changed from No to Yes*
- *Reason for Blocked set to Need additional information from Author*

Tim: please attach a debug (System -> Advanced -> Save debug) to this ticket.

**#2 - 08/23/2018 01:59 PM - Tim Walter**

- *File debug.tar added*

Tim Walter wrote:

AFAIK I've never touched the NTP Server section. I have three entries 0.freebsd.pool.ntp.org, 1.freebsd.pool.ntp.org, 2.freebsd.pool.ntp.org but every time the system boots I get the alert No available NTP Servers

Apologies, didn't think

**#3 - 08/24/2018 07:45 AM - Dru Lavigne**

- *Category changed from Build system to Middleware*
- *Assignee changed from Release Council to William Grzybowski*
- *Seen in changed from Unspecified to Master - FreeNAS Nightlies*
- *Reason for Blocked deleted (Need additional information from Author)*

**#4 - 08/24/2018 07:54 AM - William Grzybowski**

- *Assignee changed from William Grzybowski to Vladimir Vinogradenko*
- *Target version changed from Backlog to 11.2-RC1*
- *Severity changed from New to Medium*

**#5 - 08/24/2018 09:52 AM - Tim Walter**

Also BTW I get reports of excess jitter FWIW

**#6 - 08/26/2018 07:15 AM - Bug Clerk**

- Status changed from Unscreened to In Progress

**#7 - 08/27/2018 05:52 AM - Dru Lavigne**

- File deleted (debug.tar)

**#8 - 08/27/2018 05:52 AM - Dru Lavigne**

- Target version changed from 11.2-RC1 to 11.2-BETA3

- Private changed from Yes to No

**#9 - 08/29/2018 11:47 AM - William Grzybowski**

- Has duplicate Bug #43536: NTP status: stratum 11 is too large for the normal operations added

**#10 - 08/29/2018 11:47 AM - Bug Clerk**

- Status changed from In Progress to Ready for Testing

PR: <https://github.com/freenas/freenas/pull/1722>

**#11 - 08/29/2018 12:25 PM - Dru Lavigne**

- Subject changed from No available NTP Servers to Remove NTP alert code that was generating false positives

- Needs Doc changed from Yes to No

- Needs Merging changed from Yes to No

**#12 - 09/04/2018 12:36 PM - Bonnie Follweiler**

- Status changed from Ready for Testing to Passed Testing

- Needs QA changed from Yes to No

Test Passed in FreeNAS-11.2-MASTER-201809040858

**#13 - 09/04/2018 12:37 PM - Dru Lavigne**

- Status changed from Passed Testing to Done