

ABC Helpdesk

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Configure NTP Time Synchronization

Chris Booth - 2017-08-24 - Windows Server

Configuring Windows Server 2012 NTP

1) Execute these commands from an elevated Command Prompt

- net stop w32tm
- w32tm /config /manualpeerlist:"0.uk.pool.ntp.org,1.uk.pool.ntp.org" /syncfromflags:MANUAL
- net start w32tm

2) Once complete, use this command to check the result

- w32tm /query /status

3) The screenshot below shows the change from using the server's CMOS clock to the NTP servers

```
C:\Users\Administrator. > w32tm /query /status
Leap Indicator: 0(no warning)
Stratum: 1 (primary reference - synced by radio clock)
Precision: -6 (15.625ms per tick)
Root Delay: 0.00000000s
Root Dispersion: 10.00000000s
ReferenceId: 0x4C4F434C (source name: "LOCL")
Last Successful Sync Time: 24/08/2017 14:57:15
Source: Local CMOS Clock
Poll Interval: 6 (64s)

C:\Users\Administrator. > w32tm /query /status
Leap Indicator: 0(no warning)
Stratum: 3 (secondary reference - synced by (S)NTP)
Precision: -6 (15.625ms per tick)
Root Delay: 0.00000000s
Root Dispersion: 10.00000000s
ReferenceId: 0xBC727401 (source IP: 188.114.116.1)
Last Successful Sync Time: 24/08/2017 15:04:26
Source: 0.uk.pool.ntp.org,1.uk.pool.ntp.org
Poll Interval: 6 (64s)
```