

How to: Configure Windows Server to query an external NTP Server

https://community.spiceworks.com/how_to/5765-configure-windows-server-to-query-an-external-ntp-server

Step 1: Info

This is generally performed on DCs in an Active Directory domain. Then all workstations use AD to get time from the DCs. This could also be used on a non-DC windows machine to be your NTP server for your network that you point to for all of your switches/routers and various other devices.

Again, it doesn't have to be a DC, but it makes sense for it to be, as it's not very resource intensive.

Step 2: Elevated prompt

Open the command prompt as administrator.

You could also use a PowerShell prompt instead of command prompt if you want.

Step 3: Stop the time service

```
net stop w32time
```

Step 4: Set the manual peer list external servers

```
w32tm /config /syncfromflags:manual  
/manualpeerlist:0.us.pool.ntp.org,1.us.pool.ntp.org,2.us.pool.ntp.org,3.us.pool.ntp.org
```

Step 5: Set the connection as reliable

```
w32tm /config /reliable:yes
```

Step 6: Start the time service back up

```
net start w32time
```

Step 7: Test the configuration

How to step How to step or type unknown

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```
w32tm /query /configuration
```

and

```
w32tm /query /status
```

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