

How to configure NTP Server and NTP Client in Windows Server 2019

If the computer is an Active Directory Domain Controller, the NTP Server feature is enabled automatically. So, the following example is for a computer that needs to enable NTP Server in a WorkGroup environment.

Configure NTP Server in Windows Server 2019

If the computer is an Active Directory Domain Controller, the NTP Server feature is enabled automatically. So, the following example is for a computer that needs to enable NTP Server in a WorkGroup environment.

Step 1. Run PowerShell with admin rights and configure the following:

```
Windows PowerShell Copyright (C) Microsoft Corporation. All rights reserved. # c
```

Step 2. NTP Server Host also needs time synchronization with other Hosts as the NTP Client.

Configure NTP Client in Windows Server 2019

NTP Client settings are configured with NTP Server [time.windows.com] by default Windows, so if the computer is connected to the Internet, the date and time will be synchronized.

Furthermore, if the computer is in Active Directory Domain, the NTP Client settings are also configured as follows, so generally there is no need to change the settings:

1. Domain Controller synchronizes time with PDC in the domain.
2. The PDCs in a domain time synchronize with the PDCs in the Parent Domain (primary domain) or with other Domain Controllers.
3. The client computers synchronize the time with the Domain Controller on which the client is currently logged on.

In the WorkGroup environment, you can change the default NTP server to other servers as follows.

Step 1. Run PowerShell with admin rights and configure the following:

```
Windows PowerShell Copyright (C) Microsoft Corporation. All rights reserved. # c
```

Step 2. If a computer is in an Active Directory domain environment and is a Forest Root, the synchronization target is usually configured to [Local CMOS Clock] (Hardware Clock). Then, if you want to change the setting from [Local CMOS Clock] to NTP server network, please set as follows:

Windows PowerShell Copyright (C) Microsoft Corporation. All rights reserved. # i

You finished reading the article "**How to configure NTP Server and NTP Client in Windows Server 2019**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.

© 2019 TipsMake.com