

Turn on / off concurrent connections to both Non-domain network and Domain on Windows 10

Setting 'Prohibit connection to non-domain networks when connected to domain authenticated network' will prevent computers from connecting to both domain and non-domain networks at the same time.

Setting the '**Prohibit connection to non-domain networks when connected to domain authenticated network**' (Preventing **connection to non-domain networks when connected to authenticated domain networks**) will prevent computers from connecting to both domain networks and non-domain at the same time.

If the setting for this policy is enabled, the computer will respond to network attempts automatically and manually based on the following situations:

Automatic connection attempt

1. Once the computer is connected to the domain network, all attempts to connect automatically to non-domain networks are blocked.
2. When the computer is connected to a non-domain network, attempts to automatically connect to the domain network will be blocked.

Manual connection attempt

1. When the computer is connected to a domain or non-domain network without Ethernet and the user tries to make a manual connection to the additional network that violates this policy setting, the current network connection will be disconnected and manually connected. allowed to operate.
2. When the computer is connected to a domain or non-domain network via Ethernet and the user tries to make a manual connection to the additional network that violates this policy setting, the existing Ethernet connection is maintained and manually connected. will be blocked.

If this policy setting is not configured (**Disabled**) or disabled (**Disabled**), the computer is allowed to connect simultaneously to both domain and non-domain networks.

This tutorial will show you how to enable or disable the simultaneous connection to both domain and non-domain networks in Windows 10 and Windows 8.

Note : You must be logged in as an administrator to enable or disable this feature.

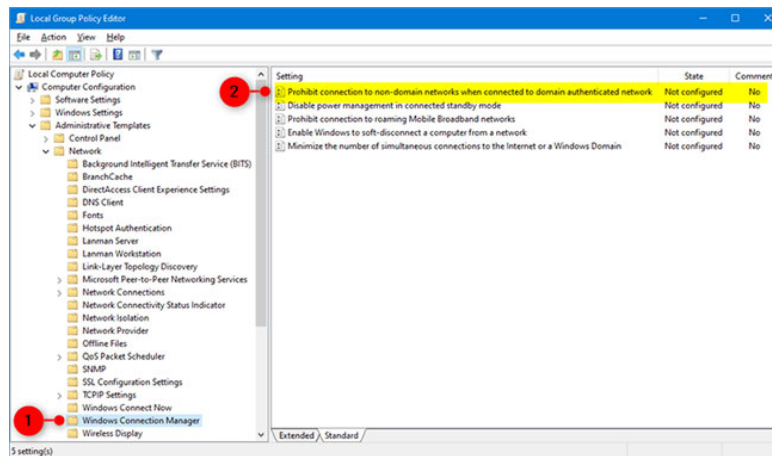
Option 1: Enable or disable the simultaneous connection with both domain and non-domain networks in the Local Group Policy Editor

Note : Local Group Policy Editor is only available in Windows 10 Pro, Enterprise and Education editions.

All versions can use the two options below.

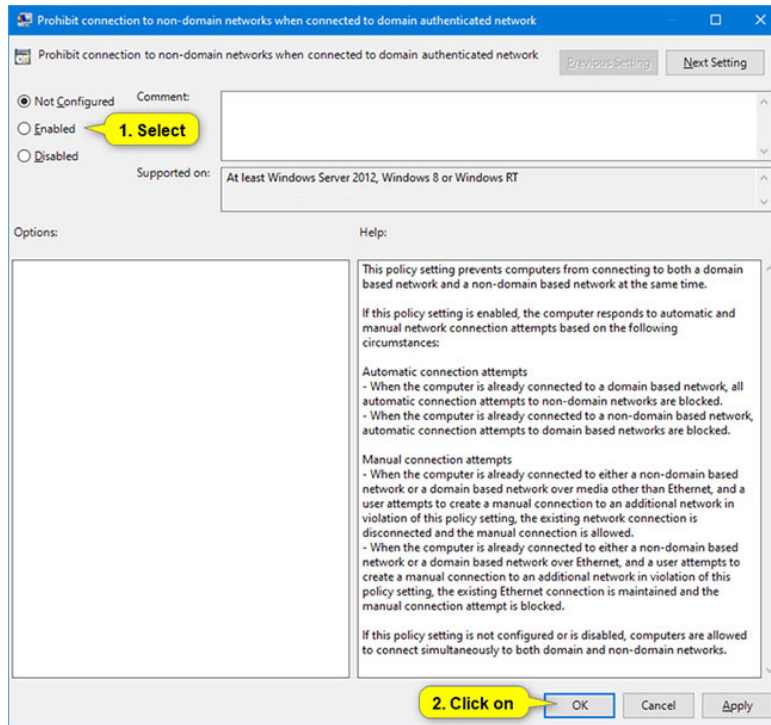
1. Open **Local Group Policy Editor** .
2. Navigate to the key below in the left panel of the **Local Group Policy Editor** .

Computer ConfigurationAdministrative TemplatesNetworkWindows Connection Manager



Navigate to this key in the left panel of the Local Group Policy Editor

3. On the right panel of **Windows Connection Manager** in **Local Group Policy Editor** , double click the **Prohibit** policy to **non-domain networks when connected to domain authenticated network** to edit it.
4. Follow step 5 (to turn on) or step 6 (to turn off) below for what you want to do.
5. To enable simultaneous connection with both domain and non-domain networks, select **Not Configured** or **Disabled** , click **OK** and go to step 7 below.
6. To disable simultaneous connection with both domain and non-domain networks, select **Enabled** , click **OK** and go to step 7 below.



To disable simultaneous connection with both domain and non-domain networks, select Enabled

7. Close **Local Group Policy Editor** .

Option 2: Enable or disable simultaneous connection to both domain and non-domain networks with REG file

The downloadable .reg files below will add and modify the DWORD value in the registry:

```
HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\WcmSvcGroupPolicy
```

1. Follow step 2 (to turn on) or step 3 (to turn off) below for what you want to do.
2. To enable simultaneous connection with both domain and non-domain networks, download this file and go to step 4 below.
3. To disable simultaneous connection with both domain and non-domain networks, download this file and go to step 4 below.
4. Save the .reg file to the desktop.
5. Double click on the downloaded .reg file to merge it.
6. When prompted, click **Run> Yes (UAC)> Yes> OK** to approve the merge.
7. Now, you can delete the downloaded .reg file if you like.

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