Allow and restrict networks for backup

Overview

inSync Cloud can back up data over various network types, such as 4G, 3G, Wi-Fi, and VPN. You can allow inSync to back up the user data over specific data networks. Also, you can restrict backups over data networks that are not compliant with the Internet usage policy of your organization. You can define a unique string name that inSync uses to identify the network that you want to block.

The following table lists the guidelines for setting a unique string name.
### On Windows

- For data cards, the name of the service provider describes the interface. For example, *Photon* describes the data card provided by *Tata Photon*. You might want to use the string *Photon* to indicate a data connection.
- You can use either the **name** or the **device name** of the network to define a unique string. Go to *Network Connections* in *Control Panel* to view the details of your networks that are configured for your device.
- The characters that you use in the string must be a sequential subset of the characters in the interface name. For example, the string *TAP* might best describe "*TAP-Windows Adapter V9 network*".
- Ensure that no two strings are identical.
- Ensure that you separate entries using a semicolon (;) and there is no white space between two entries.

### On Mac

- If you have multiple network interfaces of the same type, you cannot block a specific network. For example, you can block all VPN interfaces but not a specific VPN connection.
- *inSync* uses the string *ppp* to recognize 4G and 3G interfaces and the string *tun* to recognize VPN interfaces.
- Use the string *ppp* to disable backup on all 4G and 3G interfaces and the string *tun* to disable backup on all VPN interfaces.
- Ensure that no two strings are identical.
- Ensure that you separate entries using a semicolon (;) and there is no white space between two entries.
- For VPN connections, there are two adapters - Home network adapter and VPN adapter.
  - If both these networks are unrestricted, then, *inSync* performs the backup through the first available connection.
  - If both the home as well as the VPN network are restricted, then, *inSync* fails to perform any backups.
  - If the VPN adapter name is restricted but the home network is unrestricted, then, *inSync* performs backup through the home network and not through the VPN.

### Procedure

To allow and restrict backups and sync over data networks

1. On the *inSync Management Console* menu bar click  
   ![InSync Settings](https://docs.druva.com/Endpoints/050_Configure_inSync_Settings/Allow_and_restrict_networks/Allow_and_restrict_networks…)
   > **InSync Settings**.
2. Click the **Network** tab.
3. Click **Edit**. The **Network Settings** window appears.
4. In the **Allowed networks for backup/sync** field, type the unique string. For example, **SecureLan;Modem;CORP**.

5. Select **Restrict backup/sync on any other network** checkbox if you do not want inSync to backup user data on any other network other than the networks specified in the **Allowed networks for backup/sync** field.

6. In the **Restricted networks for backup/sync** field, type the unique string. For example, **Public;GUEST;HOTSPOT**.

7. Click **Save**.