What is VPN and

How does a VPN protect you on public Wi-Fi?
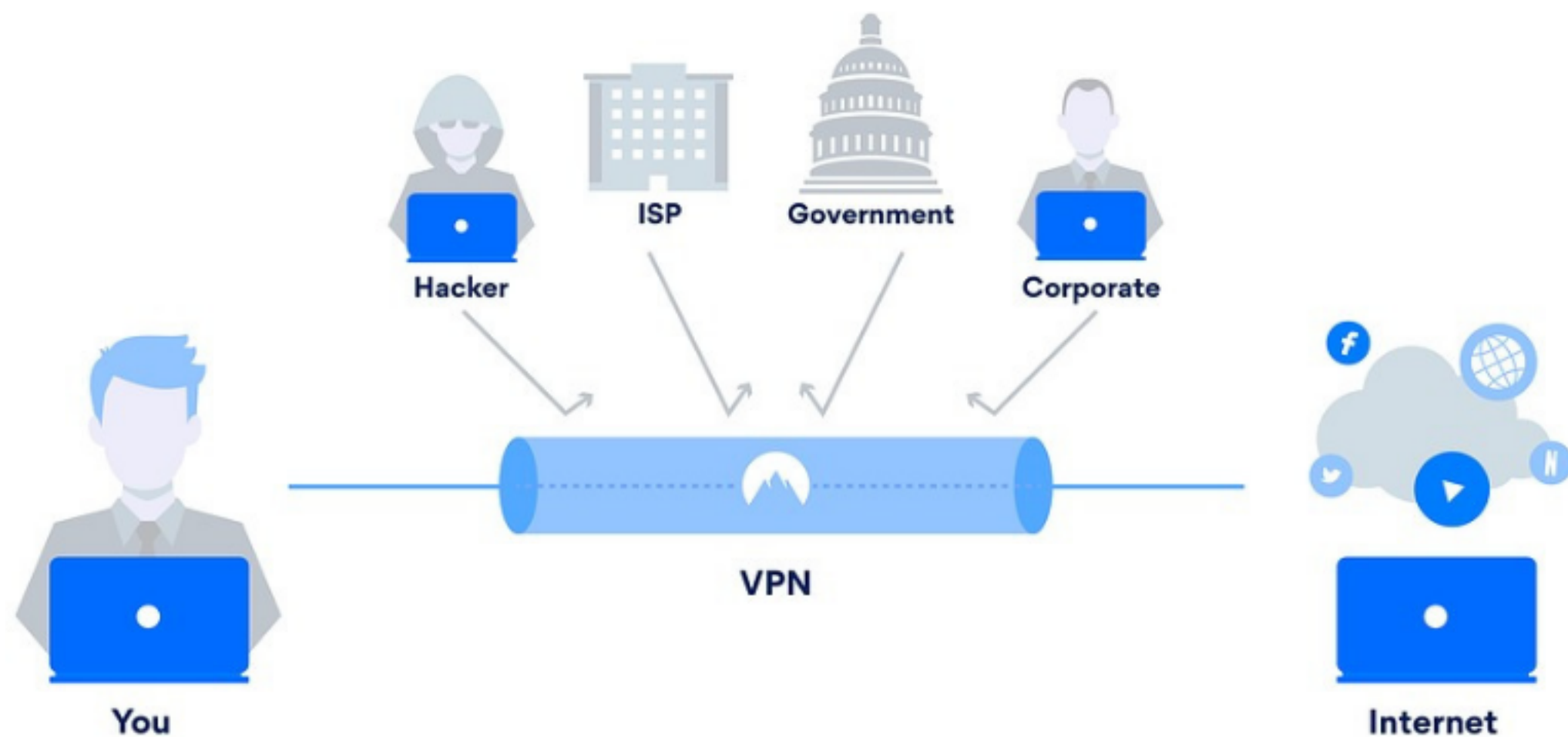
VPN

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What is VPN

VPN stands for "virtual private network" It is a service that protects your internet connection and privacy online.

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Why VPN on Public Wifi?

A VPN encrypts your data so that anyone spying on the network will only see encrypted data. This way, you can always be confident that you are secure when using public Wi-Fi.

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Flow of traffic in VPN

1. VPN software encrypts all outgoing data

2. Data routes to the VPN server

3. Server decrypts the data received

4 .VPN server sends traffic to the correct destination

5. Destination sends data back to the VPN server

6. VPN server encrypts new data

7. Data returns to the original device

8. VPN software decrypts that data

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Use cases of VPN

1. Security on Public Wi-Fi

2. Data privacy from Internet service provider

3. Data privacy from government

4. Access region blocked contents

5. Protection from online threats and protect online transactions

6. Securing data transfer

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