VPN client was unable to setup IP filtering

Q: VPN client was unable to setup IP filtering

> This article refers to the Cisco AnyConnect VPN. If you're looking for information on the Prisma Access VPN Beta that uses the GobalConnect app, see: Prisma Access VPN Landing Page.
>
> If you're not sure which service you're using, see: [istcontrib:How do I know if I'm using the Cisco AnyConnect VPN or the Prisma Access VPN?]

- When trying to connect to MIT's VPN from my windows computer, the computer cannot connect.
- When connection fails, there is an error box:

> *The VPN client was unable to setup IP filtering. A VPN connection will not be established.*

Context

- Using Cisco AnyConnect VPN software
- Running Windows

In the Event Viewer (eventvwr.msc), the "Cisco AnyConnect VPN Client", there are log entries like:

```
Function: CChangeRouteHelper::AddRouteChange
File: .\ChangeRouteHelper.cpp
Line: 1295
Invoked Function: AddRouteChange
Return Code: -33095667 (0xFE07000D)
Description: ROUTETABLE_ERROR_CREATEIPFORWARDENTRY_FAILED
```

Answer

- One situation that may cause this is if a Windows component named "Base Filter Engine" (BFE) is not working properly.
- The following Cisco support forum thread has pointers for how to fix the BFE service and registry https://supportforums.cisco.com/thread/2120739