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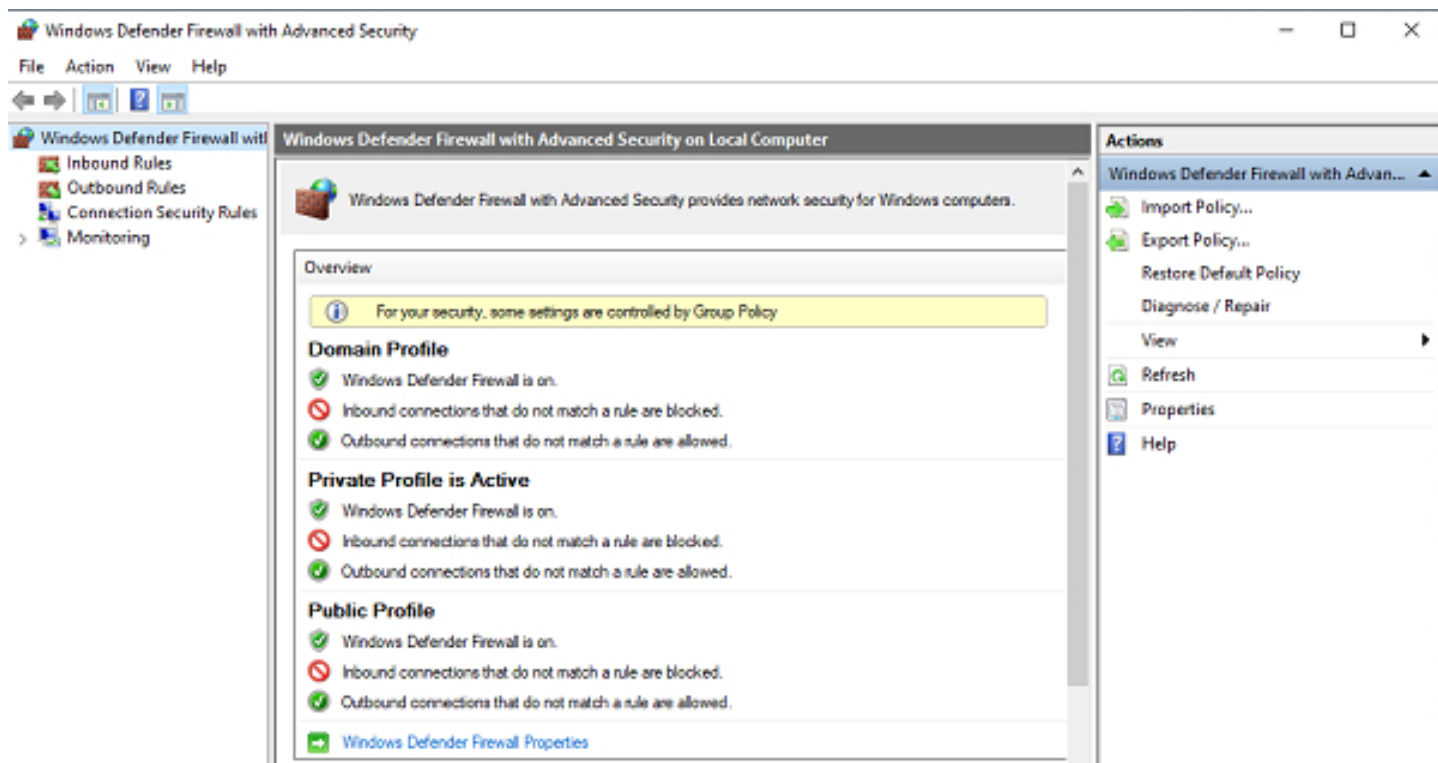
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■ Private profile.

To get the setting using GUI, you need to search in the box **Windows Firewall with Advanced Security** or **Windows Defender Firewall with Advanced Security**. Then you can see in the console that 3 available profiles.



The above same settings can be viewed with the PowerShell **Get-NetFirewallProfile** command.

```
PS C:\> Get-NetFirewallProfile
Name : Domain
Enabled : True
DefaultInboundAction : NotConfigured
DefaultOutboundAction : NotConfigured
AllowInboundRules : NotConfigured
AllowLocalFirewallRules : NotConfigured
AllowLocalIPsecRules : NotConfigured
AllowUserApps : NotConfigured
AllowUserPorts : NotConfigured
AllowUnicastResponseToMulticast : NotConfigured
NotifyOnListen : True
EnableStealthModeForIPsec : NotConfigured
LogFileName : %systemroot%\system32\LogFiles\Firewall\pfirewall.log
LogMaxSizeKilobytes : 4096
LogAllowed : NotConfigured
LogBlocked : NotConfigured
LogIgnored : NotConfigured
DisabledInterfaceAliases : {NotConfigured}
Name : Private
Enabled : True
```

```
DefaultInboundAction : NotConfigured
DefaultOutboundAction : NotConfigured
AllowInboundRules : NotConfigured
AllowLocalFirewallRules : NotConfigured
AllowLocalIPsecRules : NotConfigured
AllowUserApps : NotConfigured
AllowUserPorts : NotConfigured
AllowUnicastResponseToMulticast : NotConfigured
NotifyOnListen : True
EnableStealthModeForIPsec : NotConfigured
LogFileName : %systemroot%\system32\LogFiles\Firewall\pfirewall.log
LogMaxSizeKilobytes : 4096
LogAllowed : NotConfigured
LogBlocked : NotConfigured
LogIgnored : NotConfigured
DisabledInterfaceAliases : {NotConfigured}
Name : Public Enabled : True
DefaultInboundAction : NotConfigured
DefaultOutboundAction : NotConfigured
AllowInboundRules : NotConfigured
AllowLocalFirewallRules : NotConfigured
AllowLocalIPsecRules : NotConfigured
AllowUserApps : NotConfigured
AllowUserPorts : NotConfigured
AllowUnicastResponseToMulticast : NotConfigured
NotifyOnListen : True
EnableStealthModeForIPsec : NotConfigured
LogFileName : %systemroot%\system32\LogFiles\Firewall\pfirewall.log
LogMaxSizeKilobytes : 4096
LogAllowed : NotConfigured
LogBlocked : NotConfigured
LogIgnored : NotConfigured
DisabledInterfaceAliases : {NotConfigured}
```

The output is in the detailed view. If you need to check only Profile names and if they are enabled or not then use the select command.

```
Get-NetFirewallProfile | Select Name, Enabled
```

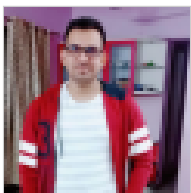
## Output

```
Name Enabled ----- Domain True Private True Public True
```

Similarly, You can filter the different parameters from the above output as per your requirement.

To get the settings on the remote computer, you need to use **Invoke-Command** or **PSSession** because this command doesn't support **-ComputerName** parameter directly.

```
Invoke-Command -ComputerName RemoteServerName -ScriptBlock{ Get-NetFirewallProfile | Select
```



Chirag Nagrekar

Updated on: 28-Sep-2020

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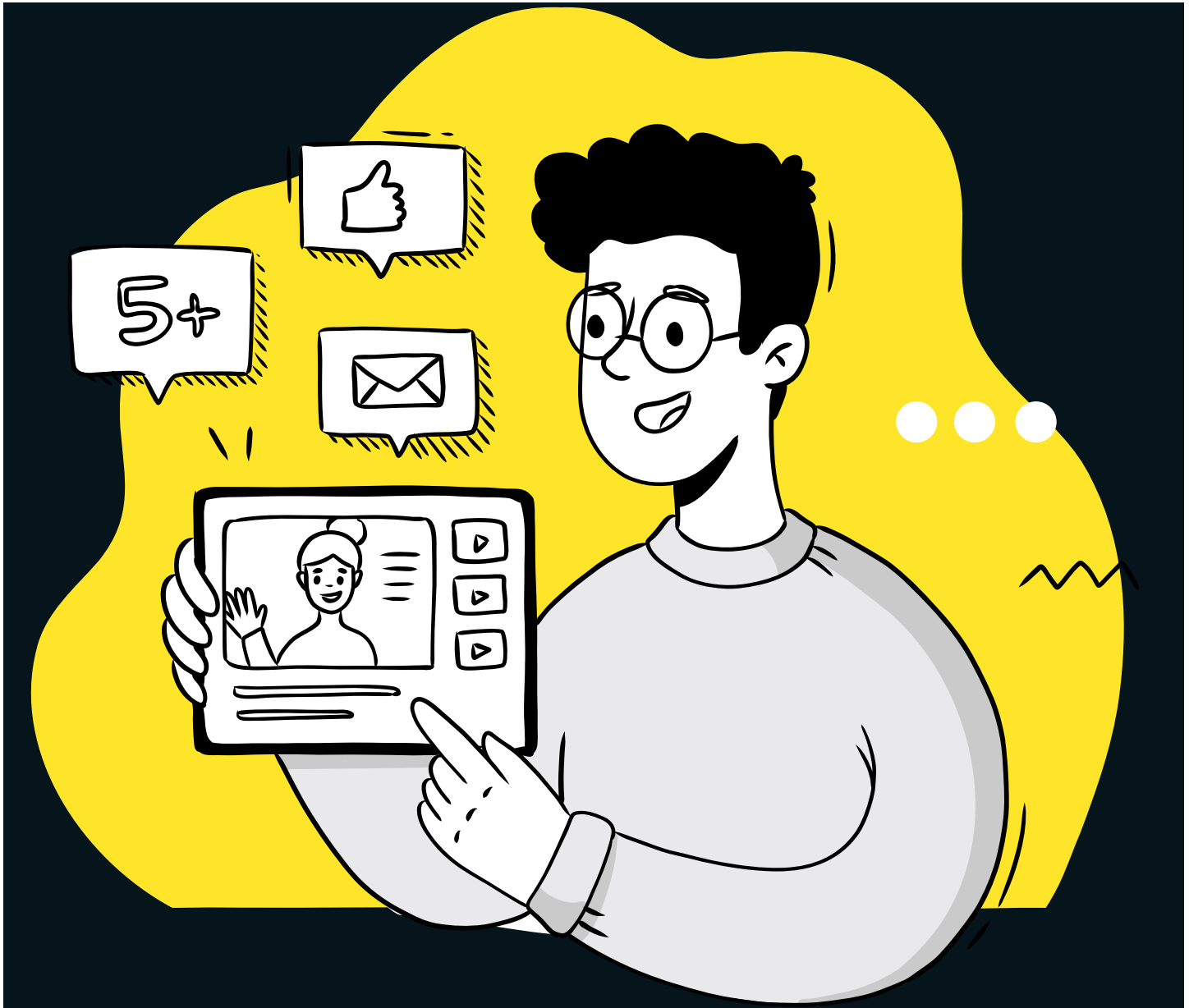
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