

FortiGate MAC host check on SSL VPN

215 Les Carr Fri, Aug 31, 2018 [Fortigate UTM](#) 5082

Technical Note: MAC host check on SSL VPN

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Description

This article describes how to configure a MAC host check on SSL VPN.

When a remote client attempts to log in to the portal, the FortiGate unit can be configured to check against the client's MAC address to ensure that only a specific computer or device is connecting to the tunnel. This can ensure better security in case a password is compromised.

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Solution

MAC addresses can be tied to specific portals and can be either the entire MAC address or a subset of it. MAC host checking is configured in the CLI using the commands:

```
conf vpn ssl web portal

    edit portal

        set mac-addr-check enable

        set mac-addr-action allow

        config mac-addr-check-rule

            edit "rule1"

                set mac-addr-list 01:01:01:01:01:01 08:00:27:d4:06:5d

                set mac-addr-mask 48

            end

        end
```

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