FortiGate MAC host check on SSL VPN

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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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