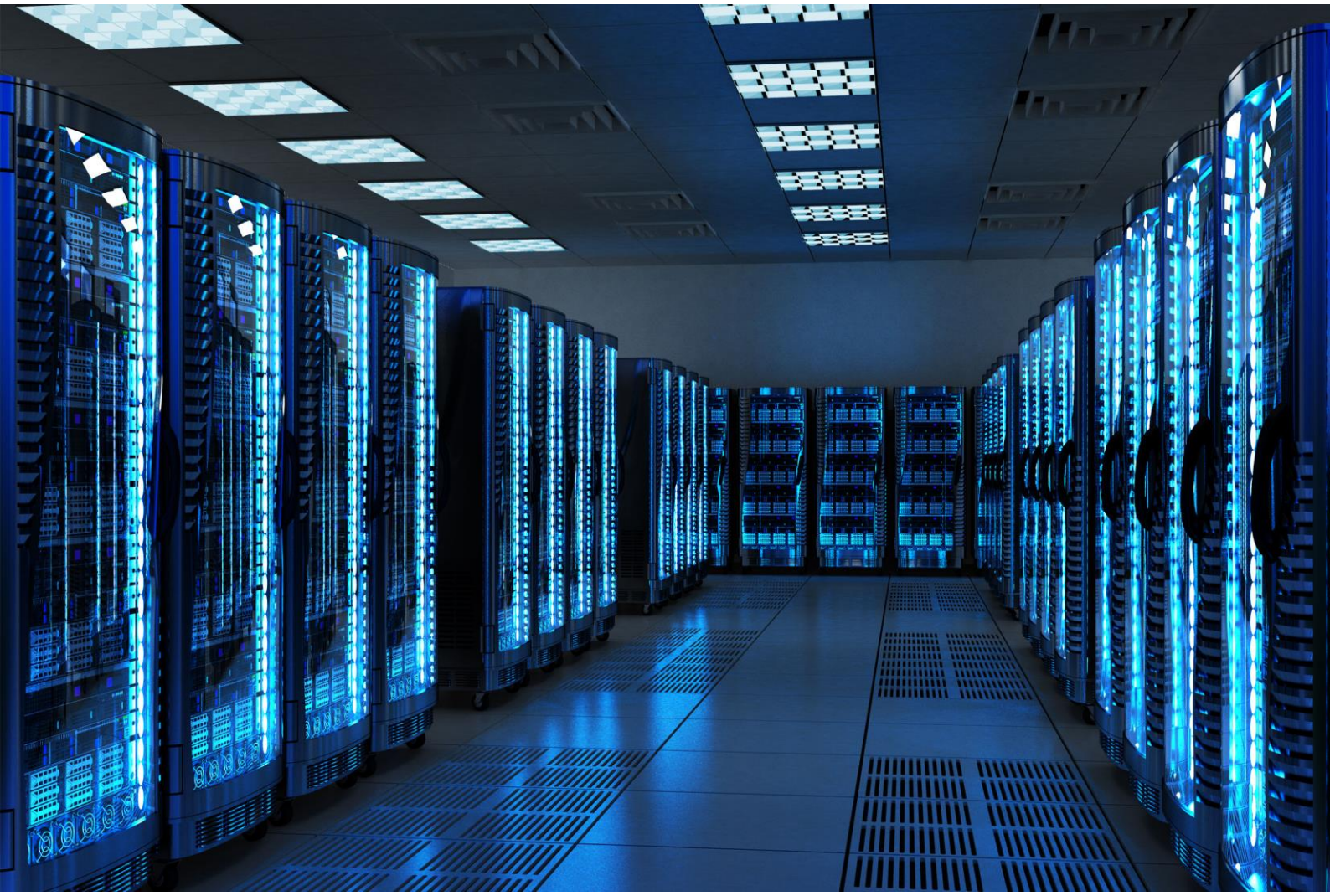
portnox™



INTEGRATION GUIDE

How to Configure Check Point to secure VPN access with Portnox CLEAR

Introduction

This document guides you step by step how to configure your VPN environment using Portnox CLEAR to enable secure and trusted cloud-based RADIUS access with an optional push-to-access MFA.

Preliminary Actions

Before configuring VPN authentication, you need to verify the following:

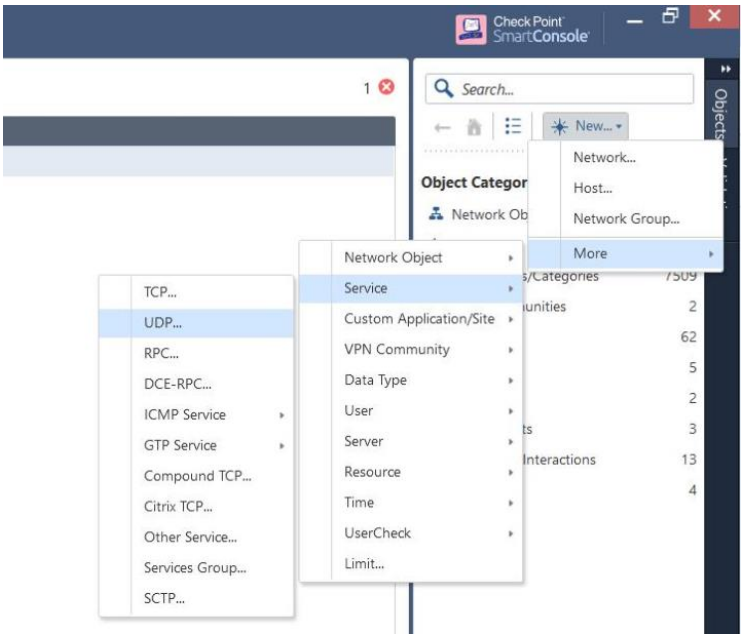
1) Verify your organization is registered on Portnox CLEAR Cloud Services: https://clear.portnox.com/
2) In the CLEAR portal, go to **Settings > Services** and expand **CLEAR RADIUS Service**. Then:
    a. If the **Enable Cloud RADIUS** checkbox is not checked, click **Edit** and check the **Enable Cloud RADIUS** checkbox.
    b. Note the RADIUS server details which you will need when configuring VPN access:
        - **Cloud RADIUS IP** – this is the IP address of the CLEAR RADIUS server
        - **Authentication port**
        - **Accounting port**
        - **Shared Secret** – this is the RADIUS client shared secret
3) In the CLEAR portal, go to **Settings** > **Groups** and create a group for VPN users, or edit an existing one. In the **group settings** > **VPN Access** select the following:
        - Allowed authentication type = credentials.
        - (optional) Multi-Factor Authentication = push-to-access on mobile only.

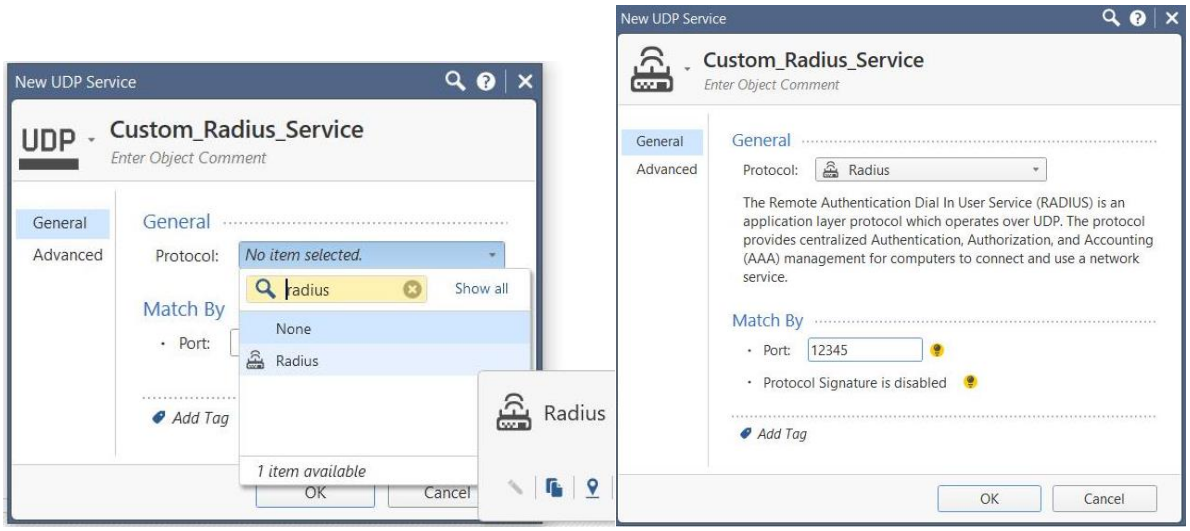
          Note, MFA on mobile devices require AgentP to be enrolled on the mobile device.
        - For implementation with AgentP, check the: validate risk score for all managed devices.

Configuring Check Point SSL VPN

In the following steps, we configure the VPN authentication to be secured and protected based on RADIUS authentication. The following steps should be performed in the Check Point console.

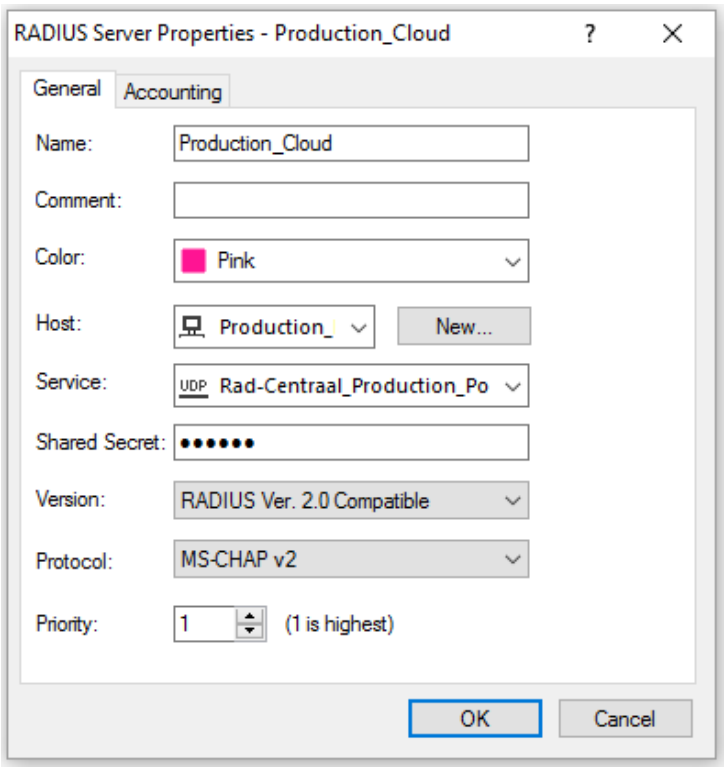
1) Add custom Radius Service:



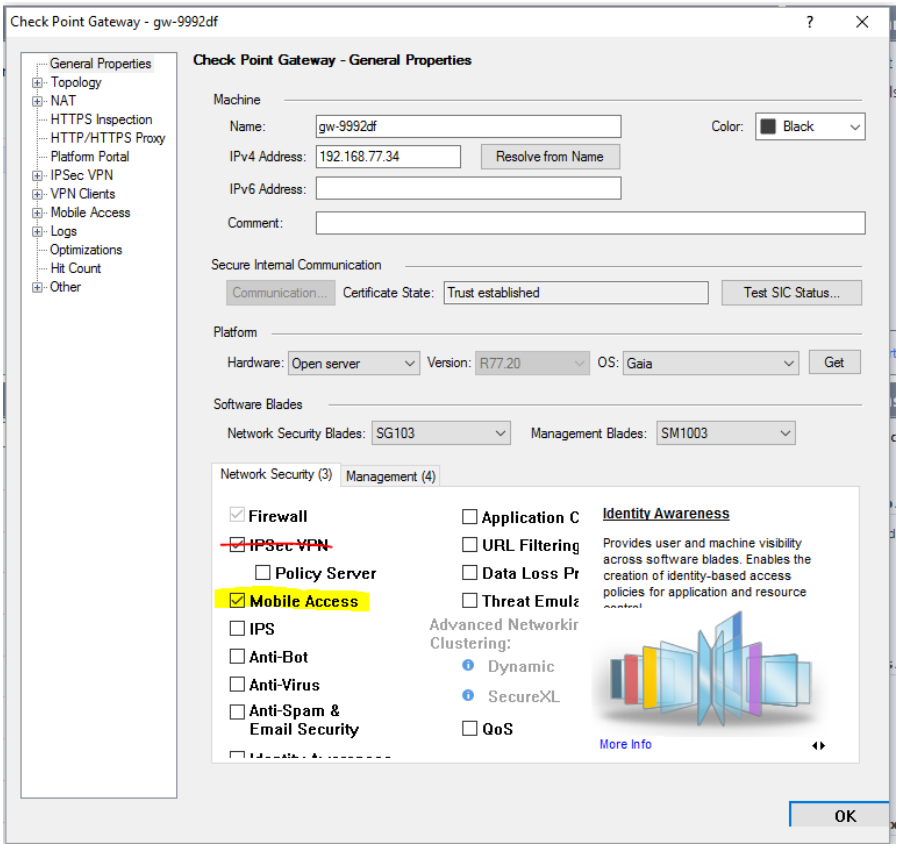


2) Create RADIUS server object to match Portnox CLEAR RADIUS details (Cloud RADIUS IP - > Host, Authentication port ->Service, Shared Secret)

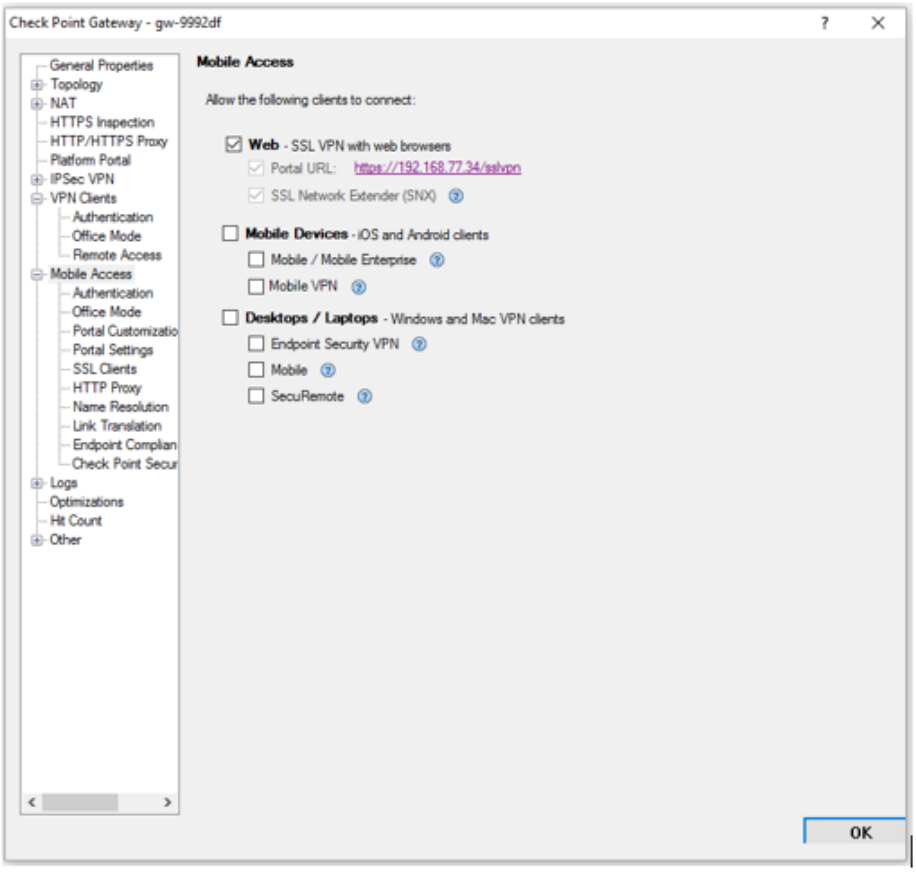
3) Configure Protocol to MS-CHAP v2 and click OK.



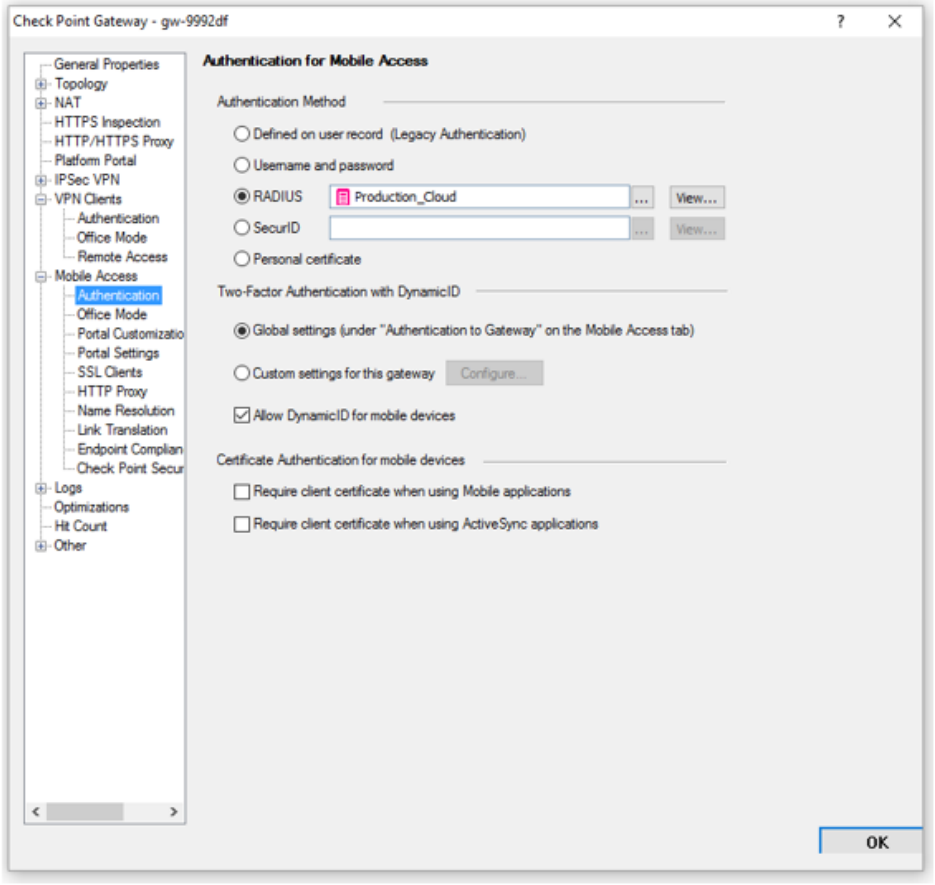
4) Open Checkpoint Gateway object
5) Verify Mobile Access is enabled



6) Under 'Mobile Access' - enable 'Web - SSL VPN with web browsers'



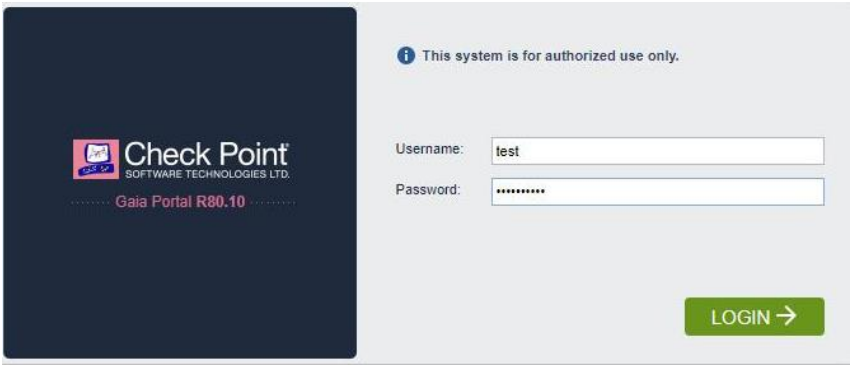
7) Under 'Mobile Access Authentication' – Choose RADIUS authentication method and point to Portnox CLEAR RADIUS object created earlier.



Instructions for Supplying VPN Credentials

Supplying VPN Credentials without MFA

For successful VPN authentication using Portnox CLEAR RADIUS, users are required to provide their username + password:



Supplying VPN Credentials with push-to-access MFA

For successful VPN authentication using Portnox CLEAR RADIUS and push-to-access MFA, users are required to provide their username + password and allow the push notification on their mobile device: