

Customize Secure Client Icons with Secure Firewall Managed by FMC

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Introduction

This document describes how to deploy Cisco Secure Client Icon customization objects using Cisco Secure Firewall managed by FMC.

Prerequisites

Requirements

Cisco recommends that you have knowledge on these topics:

- Cisco Secure Firewall Management Center (FMC)
- Cisco Secure Firewall (CSF)
- Cisco Secure Client (CSC)

Components Used

The information in this document is based on these software and hardware versions:

- Cisco Secure Firewall Management Center Virtual Appliance Version 7.4.1
- Cisco Secure Firewall Virtual Appliance Version 7.4.1
- Cisco Secure Client Version 5.1.4.74

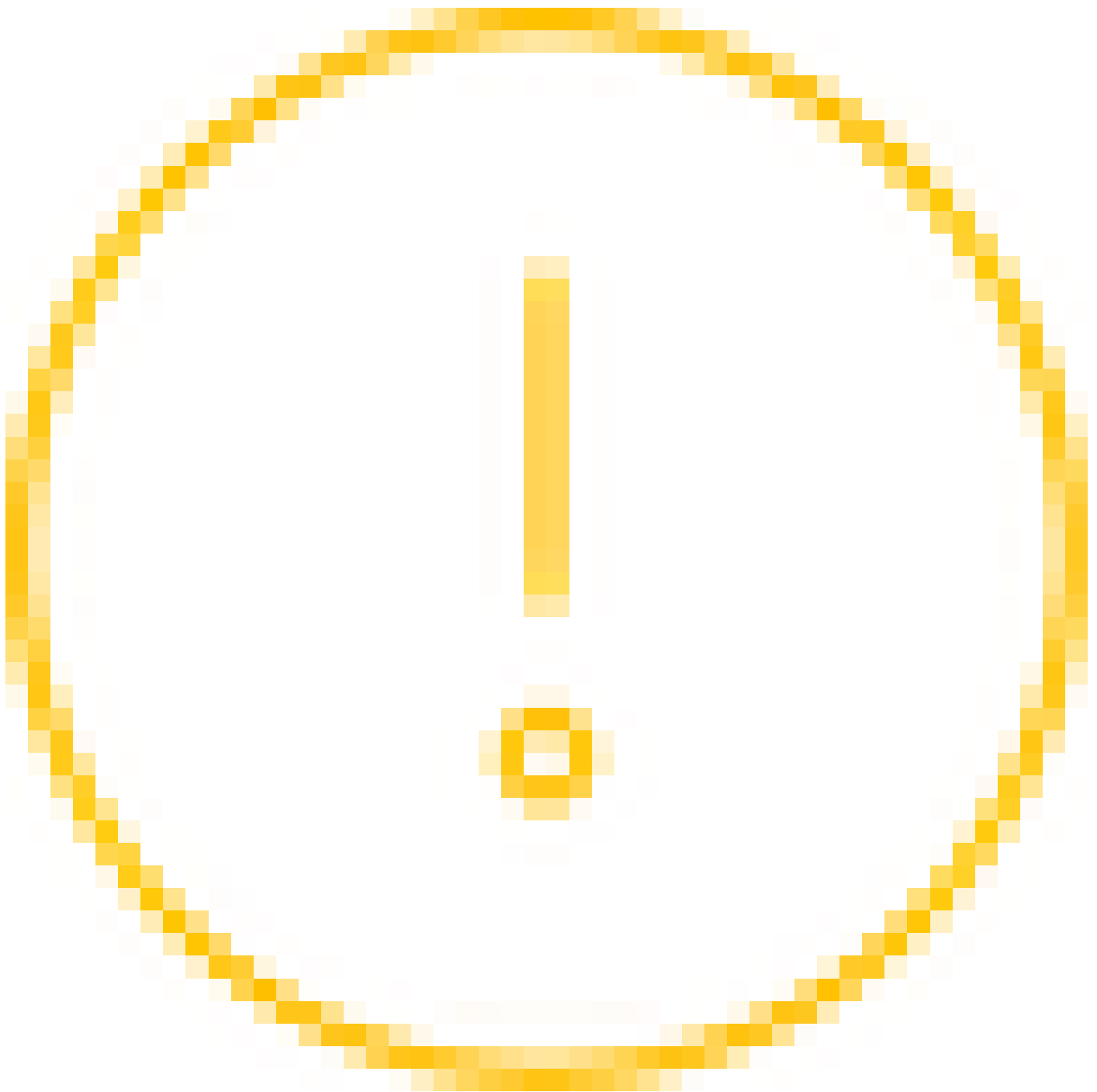
The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

Background Information

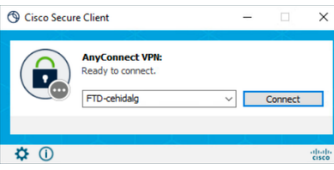
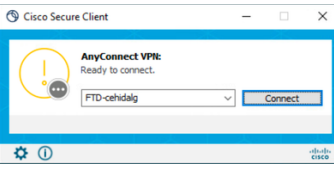
Starting with version 7.4.1 of the FMC, it is now possible to deploy Secure Client GUI customization objects for Windows and Linux. This allows a company to distribute logos to their users to substitute the


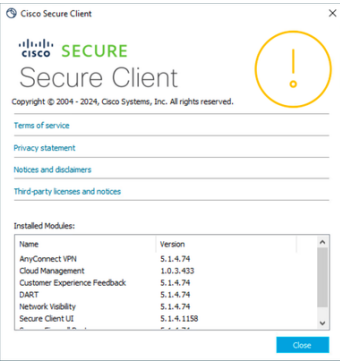
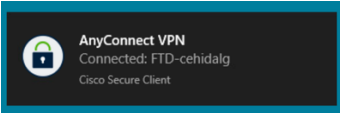
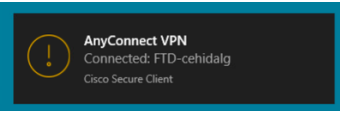
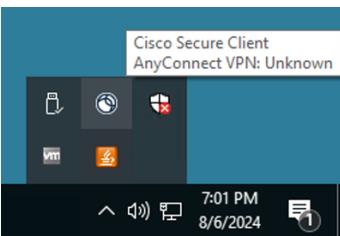
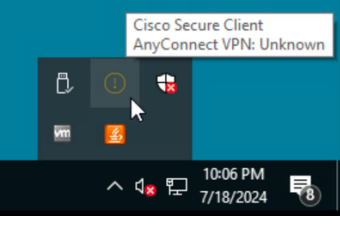
existing default Secure Client theme to create one according to their needs.

This guide displays a basic customization deployment to modify the main screen, about dialog and toast logos as well as the taskbar icon. This symbol is used throughout the guide to customize the original Secure Client icons:



Refer to the table for specifications of each element covered in this guide.

File Name	GUI Before Customization	GUI After Customization	Image Size (Pixels L x H)
vpn_logo_72.png			72x72

app_logo.png			128x128
toast_vpn_info.png			200x200
neutral.ico			16x16

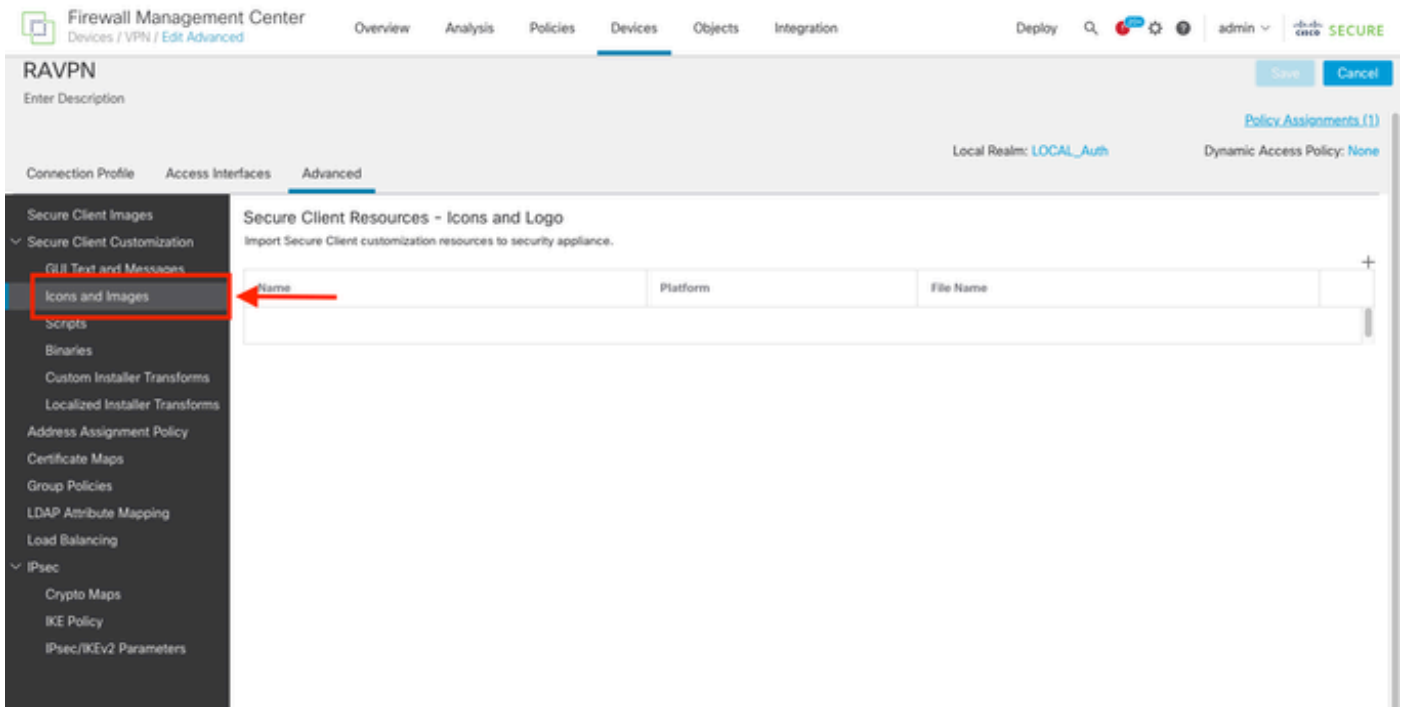
For more customization options, refer to the [Cisco Secure Client Administrator Guide](#).

Configure

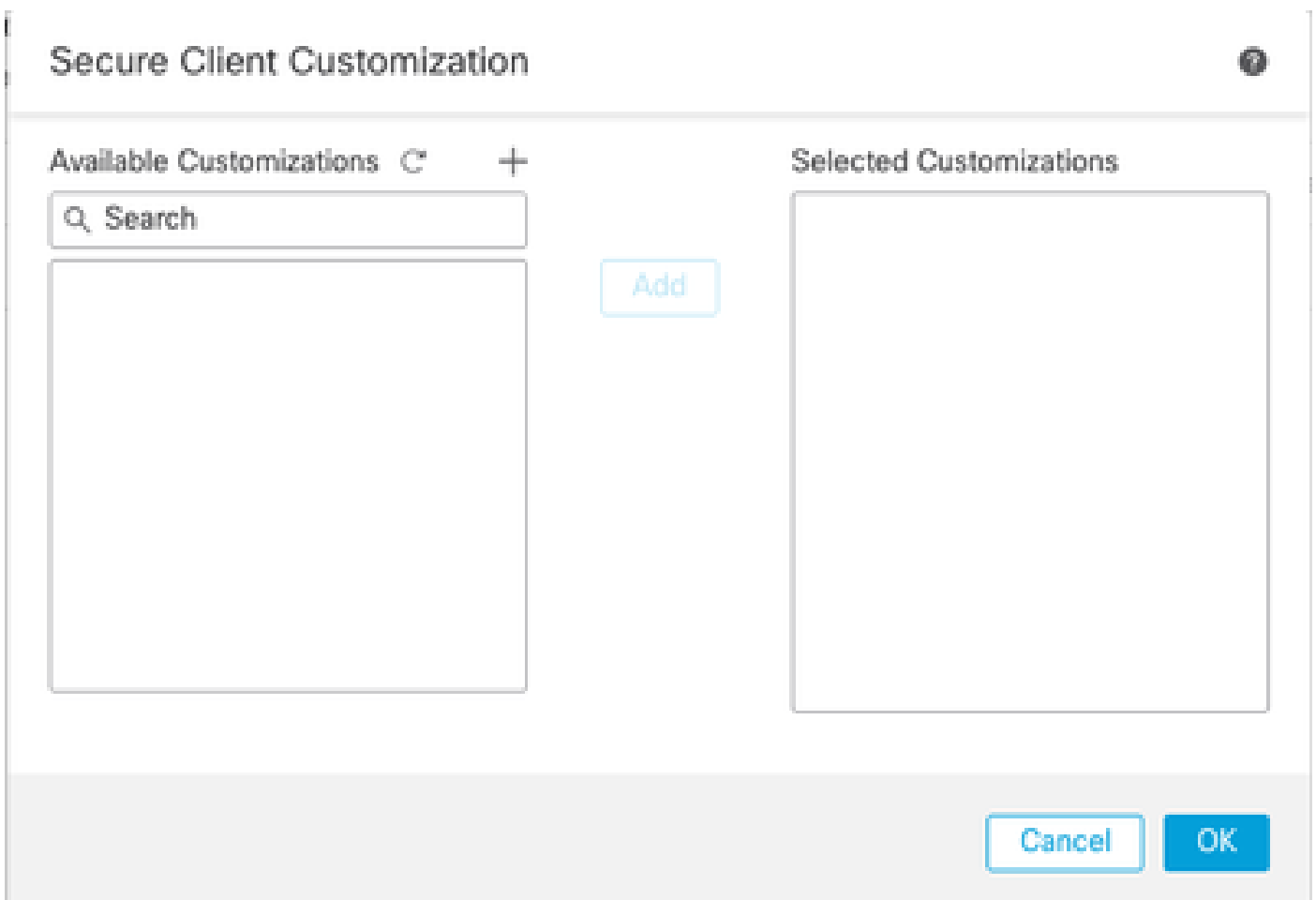
Configurations

In this document, it is assumed that you already have a working Remote Access VPN configuration.

1. In the FMC, navigate to **Devices > Remote Access**, click the **Edit** button on the Remote Access Policy where you want to deploy the customization objects, and navigate to the **Advanced** tab.
2. Click the **Secure Client Customization** tab to expand it and click **Icons and Images**.



3. Click the + button to add a new Customization Object:



4. On this menu, click the + button to add a new Customization File.

5. Define the CSC file intended to use as Main Screen Logo



Note: The file name and extension you upload, must match the name and extension of the file you want to customize. Refer to the [Cisco Secure Client Administrator Guide](#) for a list of the available file names to customize.

-
- Name: MainScreenLogo
 - File Name: vpn_logo_72.png

Edit Secure Client File



Name:*

MainScreenLogo

Description:

vpn_logo_72.png

Customization Type

Icons and Images

Platform

Windows

File Name:*

vpn_logo_72.png

Browse..

Cancel

Save

6. Create the remaining customization files for the about dialog logo, toast logo, and taskbar icon.

- Name: AboutLogo
- File Name: app_logo.png

Edit Secure Client File



Name:*

Description:

Customization Type

Platform

File Name:*

- Name: ToastLogo
- File Name: toast_vpn_info.png

Edit Secure Client File



Name:*

Toast

Description:

toast_vpn_info.png

Customization Type

Icons and Images

Platform

Windows

File Name:*

toast_vpn_info.png

Browse..

Cancel

Save

- Name: TaskBarIcon
- File Name: neutral.ico

Edit Secure Client File



Name:*

Description:

Customization Type

Platform

File Name:*

7. Select your newly created Customization Objects and click **Add** to move them to the **Selected Customizations** column.

Secure Client Customization







Available Customizations  

- AboutLogo
- MainScreenLogo
- TaskBarIcon
- Toast**

Add

Selected Customizations

- AboutLogo 
- MainScreenLogo 
- TaskBarIcon 
- Toast 

Cancel

OK

8. Click **OK**, then **Save** and deploy the configuration.

Cisco Secure Client needs to connect to the headend for the customization objects to be deployed to the user. The customization objects are not always reflected until CSC is restarted.

Verify

To verify if the configuration was applied successfully, you can use the CLI of the CSF.

```
<#root>
```

```
firepower# show import webvpn AnyConnect-customization
```

```
OEM resources for AnyConnect client:
```

```
win/resource/app_logo.png
```

```
win/resource/neutral.ico
```

```
win/resource/toast_vpn_info.png
```

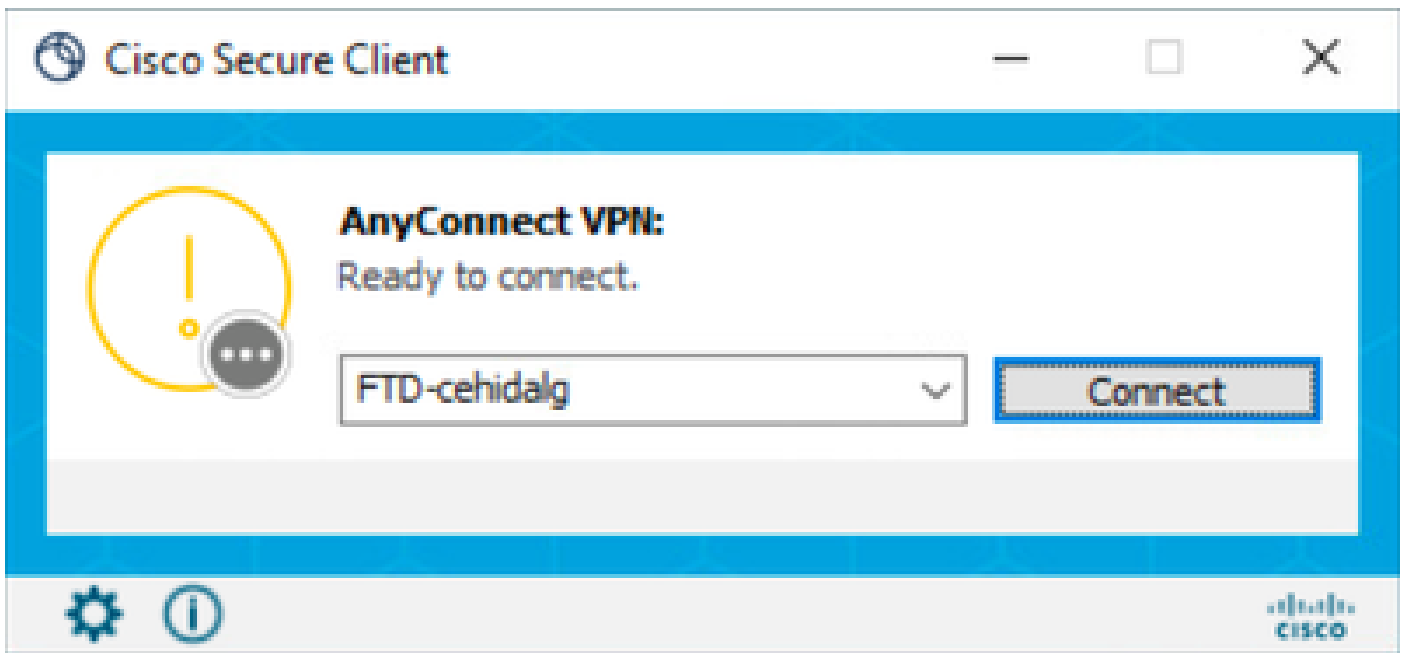
```
win/resource/vpn_logo_72.png
```

To verify that the images were downloaded to a client, you can also check this folder on Windows clients.

```
%PROGRAMFILES(x86)%\Cisco\Cisco Secure Client\UI\res
```

These are the results of deploying the Customization Objects from this guide:

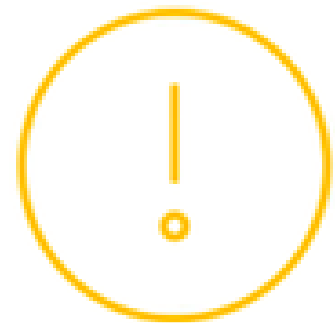
- File Name: vpn_logo_72.png



- File Name: app_logo.png



Secure Client



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Installed Modules:

Name	Version
AnyConnect VPN	5.1.4.74
Cloud Management	1.0.3.433
Customer Experience Feedback	5.1.4.74
DART	5.1.4.74
Network Visibility	5.1.4.74
Secure Client UI	5.1.4.1158

Close

- File Name: toast_vpn_info.png



AnyConnect VPN

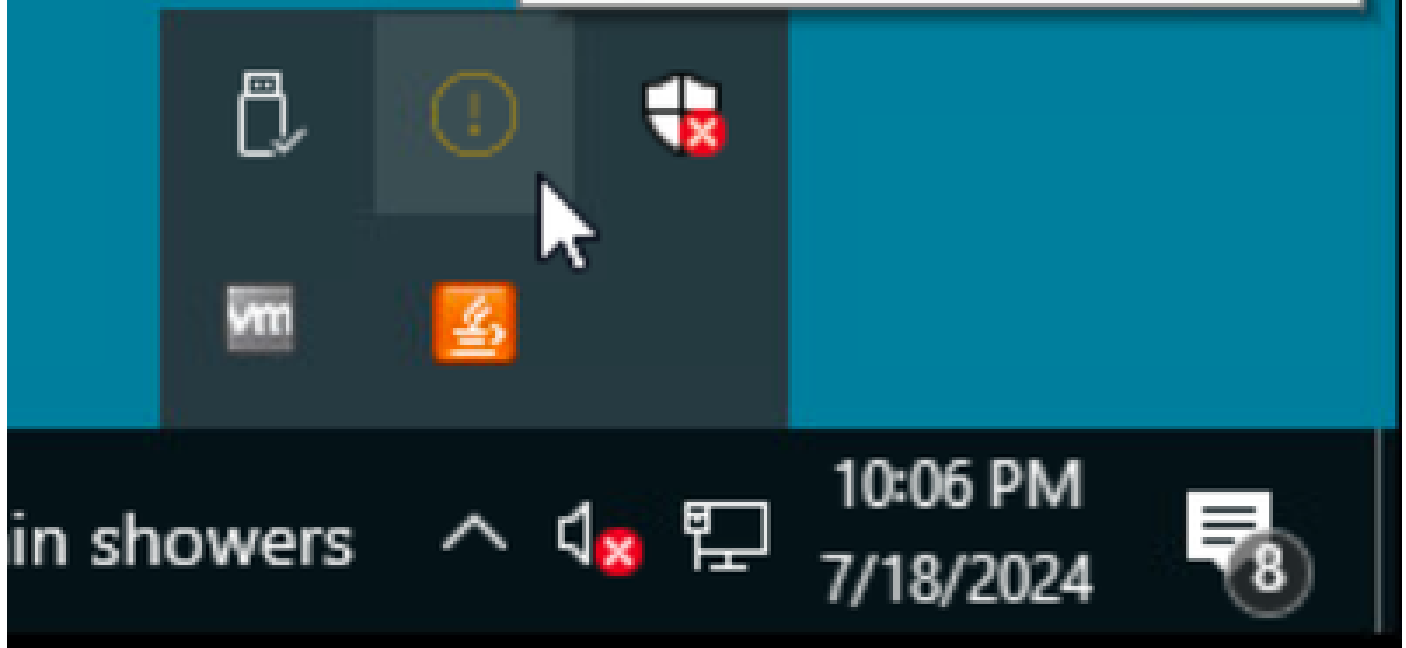
Connected: FTD-cehidalg

Cisco Secure Client

- File Name: neutral.ico

Cisco Secure Client

AnyConnect VPN: Unknown



Troubleshoot

- Restart the Secure Client application for the changes to take effect.
- If you do not see the customization in the Cisco Secure Client application, verify that the file has been applied in this path.

%PROGRAMFILES(x86)%\Cisco\Cisco Secure Client\UI\res

- Confirm that the file in the customization object matches the name of the file you want to modify