



Indian Health Service

The Federal Health Program for American Indians and Alaska Natives

IHS User Guide for Virtual Private Network (VPN)

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IHS Office of Information Technology
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Document Information

This document provides information about how to support the RDP/RDS Desktop-based VPN Remote Access to IHS resources.

Audience

This document is intended for users of the RDP/RDS Desktop-based IHS Virtual Private Network (VPN) that has been in place since 2010. In addition, this document provides guidance for the IHS IT Service Desk, the Network Operations and Security Center (NOSC) and other agency IT support staff.

Related Documentation

- [How to Request Enterprise VPN Access](#)
- [How to Support the F5 VPN Solution](#)

Revision History

VERSION	DATE	BY	DESCRIPTION
Version 1.0	9/30/2010	J. Berry	First published version.
Version 1.1	11/16/2010	J. Berry	Added instructions for PhoneFactor security questions in Section 3.2.
Version 1.2	2/4/2011	J. Berry	Added warning about not using plus sign (+) and ampersand (&) in D1 passwords.
Version 1.3	7/5/2011	J. Berry	Added clarifications about the need to log in to the D1 domain before defining the PhoneFactor security questions in Section 3.2.
Version 2.0	10/24/2012	J. Berry	Added section covering logging in to the VPN using a PIV Card and using the VPN to access the HHS applications.
Version 2.1	3/25/2015	J. Berry	Performed annual review.
Version 3.0	7/6/2018	J. Berry	Updated throughout to reflect change to Net Connect/RDP/RDS Desktop-based VPN.
Version 4.0	9/11/2019	K. Lewis	Consolidated DITO SOP-14-01 and support guide into single document and

VERSION	DATE	BY	DESCRIPTION
			updated for new F5 VPN appliance changes.
Version 4.1	3/30/2020	J. Schenk	Updated various screenshots for anonymity.
Version 4.2	7/16/2020	J. Schenk	Updated OIT Contact Information.
Version 4.3	9/23/2020	J. Schenk	Added Section 6: Apple Device Support.
Version 4.4	12/02/2022	J. Berry	Annual review; updated ITAC reference to SailPoint
Version 4.5	7/24/2024	R. Garza	Updated Sections 1.1.1 and 1.2 to reflect Okta addition. Added Section 2.1.4 VPN login using Okta as a factor, and sections 5.1.1 Using Okta as a Factor for F5 Big-IP VPN, Removed the term PhoneFactor and replaced with updated "phone" term for future updates.

Contact Information

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1. Introduction

The Indian Health Service (IHS) Office of Information Technology (OIT) maintains and supports a secure Remote Access Virtual Private Network (VPN) solution in order to bring IHS into compliance with Federal and Departmental mandates and requirements.

VPN Access is offered for all authorized federal, contract, and tribal employees who identify a business need to access IHS resources outside of the IHS Net, either during or after regular work hours.

This document provides background on the RDP/RDS Desktop/F5-based VPN. It also walks you as the end user through the login process and the steps required to launch a Remote Desktop Protocol (RDP) application in order to access the applications and services required to support your business needs.

Additional information regarding the access policies and security surrounding the use of VPN within IHS can be found within the Indian Health Manual, [Chapter 8, Part 8](#) and [Chapter 21, Part 8](#).

1.1. Filtering Components

The VPN enables you to access your network drives and also to use the approved standard IHS applications without installing the software on your workstation. This could include (and is not limited to) the following applications:

- Microsoft Office suite
- Adobe Acrobat
- Secure Telnet Client
- Access to internal web sites and web-based applications
- Access to additional RDP or RDS servers with additional site-specific applications

The web-based VPN acts as a “window” to Area/Facility Remote Desktop servers. These servers host the set of common Health IT and other local applications.

1.1.1. Two-Factor Authentication

When you first log in to the system, you are prompted to enter your User Name, Password, and **V-Realm Authentication method**. The V-Realm Authentication method uses **two-factor/multifactor authentication (MFA)**—something you know (e.g., a password) and something you have (like a phone or a smart card)—to verify that you are who you say you are. Two-factor authentication is required in order to provide the additional security mandated for the IHS VPN and network access.

IHS supports three different V-Realm Authentication methods:

- The **Phone V-Realm** requires the use of a physical phone (landline or cell). After you log in with your username and password, a program calls the phone number you supplied when you obtained authorization for VPN access. Your response to the call is then used as part of authentication.

- The **Token V-Realm** requires the use of an Entrust Token. This physical device generates an authentication number that you enter in addition to your username and password as part of the VPN login process.



Figure 1: Entrust token.

PIV card access will be required for numerous internal Department of Health and Human Services (HHS) applications such as the Integrated Time and Attendance System (ITAS), GovTrip, MyPay, eOPF, HHS Learning Portal, etc.

NOTE: You can log in to the VPN using a PIV card only from a workstation or laptop equipped with the requisite card reader and software. For assistance, contact your local Service Desk.

After authentication, you are either presented with a web top access to the available list of applications or RDS/RDP locations or are provided with tunnel access based on established client requirements.

1.1.2. VPN Login Limitations

Because of IHS Security requirements, some functions are not available during a VPN session. Here are some of the differences that you can expect:

- VPN logon is only authorized for valid user access accounts and not for Administrative (a_admin) accounts. Admin accounts can be used only after a valid VPN user account has completed a successful logon.
- Access to the RDS/RDP server local drives and CD-ROM drive is restricted.
- You will not be able to save documents to local drives or copy files to them. However, you can save documents to your network drives. Users are discouraged from saving documents on their 'desktops' while in a 'RDS Desktop' session. If the user's profile is deleted or corrupted for any reason, they will lose any data that is saved to the desktop.
- Because the RDP/RDS server is a shared system used by several people at once, you will not be able to install any applications yourself. Only the server application admins will be able to install or modify applications.

1.2. Obtaining VPN Access

To obtain access to the VPN, you should discuss your business needs with your supervisor. This justification should be referenced as part of the access request to be submitted by your supervisor/COR. You should also determine which authentication method is best for you:

- **PIV Card:** If you choose this, you must have both a PIV card and a government-issued computer (workstation or laptop) with the requisite card reader and software.
- **Entrust:** If you choose this, you will be sent a token, and you must have the token with you each time you log in to the VPN.
- **Okta:** If you choose this, you will have to set up Okta with Okta verify for usage. Okta verify app for android, IOS, or windows (<https://help.okta.com/eu/en-us/content/topics/end-user/ov-overview-win.htm>) will be required.

1.2.1. Initial User Setup in Okta

1. Okta Enrollment:
 - a. Navigate to the IHS Okta page to get set up and enrolled. The site can be found at auth.ihs.gov. By Default, this should log you in automatically when browsing via edge or chrome browsers; however, if this does not, please enter your IHS login account in the format of xxx@na.ihs.gov and your network password.
 - b. You will be prompted to set up MFA on first login. For the F5 specifically you will need to set up Okta verify.
 - c. Click continue once you have set up at least Okta Verify.
 - d. Set-up of Okta Single Sign-on is complete
2. Next, your supervisor enters the request and related information into the ServiceNow System via the Enterprise VPN Remote Access Request, SailPoint Identity Access Management (IAM) system (See [How to Request Enterprise VPN Access](#)).
3. The request is then reviewed by the designated approvers.
4. If approved, notification that access has been granted is sent to your supervisor.

For Entrust MFA, the physical token will be shipped to you.

1.3. About VPN Support

Technical Support for the IHS VPN is handled similarly to most of the IHS OIT services. Specifically:

- During normal business hours, users should report problems to their local (Tier 1) or Area (Tier 2) support staff. That staff can then escalate the issue, if necessary to Tier 3, which is handled by the IHS IT Service Desk (see below).
- For after-hours support, users should call the IHS IT Service Desk phone number (see below). This number is forwarded to the Network Operations and Support Center (NOSC), which provides after-hours support.

See also the IHS OIT Service Catalog for details about the Service Level Agreements (SLAs) for the IHS VPN.

2. Using VPN

The following sections take you through the login process, show you how to access the applications, and show you where your data is kept.

Before you begin, be sure that you have your approved two-factor authentication device available:

- Entrust token
- Telephone number that you designated for Phone authentication
- PIV Card, which should be inserted into the smart card reader

NOTE: A mandatory timeout is configured for inactivity within the RDP/RDS- based VPN per IHS and HHS Security policies. Each VPN user will be logged out of the VPN when the inactivity standards are met and in alignment with HHS security policies. To reconnect, repeat the log in process outlined in Section 2.1.

2.1. Log In to VPN

1. Open your web browser and go to the [VPN Login page \(https://vpn.remote.ihs.gov\)](https://vpn.remote.ihs.gov).

The system displays a login warning page.

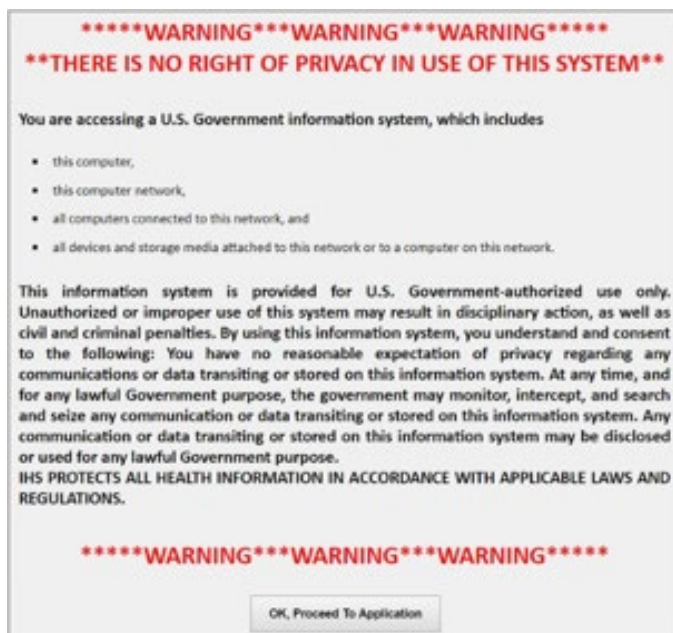


Figure 2: VPN Login page.

The system displays the VPN Login page.

2. Enter your IHS network (D1) Username and Password.

3. From the **V-Realm** drop-down list, select the desired method of two-factor authentication:
 - a. If you have been assigned an Entrust token, select **Token**.
 - b. If you are using your phone for authentication, select **Phone**.
 - c. If you are using your PIV Card for authentication, select **PIV**.
4. Click **Next** to start the two-factor authentication process.
5. Proceed to the appropriate subsection below according to your authentication method.

2.1.1. Authenticate with Entrust

If you selected Entrust (Token) authentication, the system displays the following prompt:

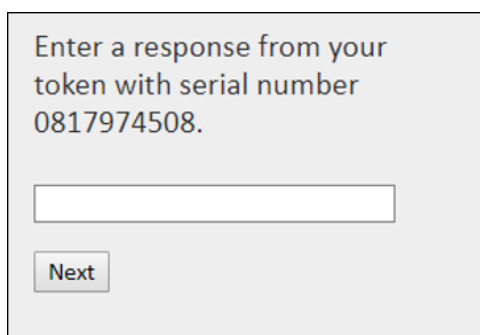
A screenshot of a web-based authentication prompt. The text reads: "Enter a response from your token with serial number 0817974508." Below the text is a single-line text input field. At the bottom left of the prompt area is a button labeled "Next".

Figure 3: Entrust authentication field.

1. On the Entrust token, press the button that generates the authentication number.
2. When it is displayed, type the eight-digit authentication number into the field shown in Figure 3 above.
3. Click **Next**.

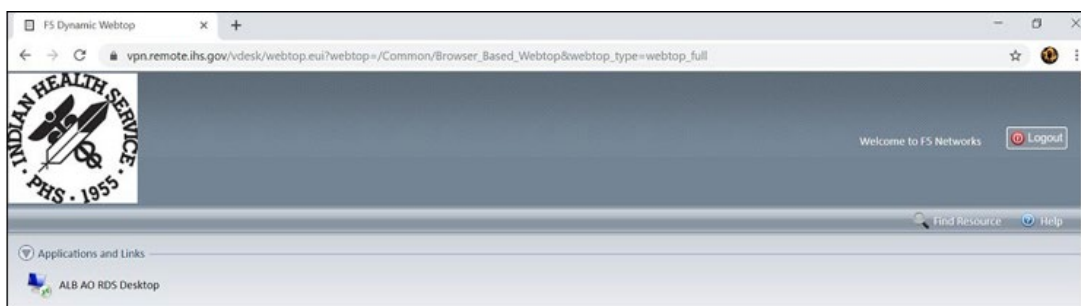


Figure 4: The system displays the VPN Webtop page containing the RDP/RDS Desktop applications approved for your use. Continue to Section 2.3 to set up the Remote Desktop environment.

2.1.1. Authenticate with Phone

If you selected Phone authentication, the system calls the designated phone.

Continue with the following steps to complete the login process:

1. Answer the phone.
2. Press the pound key (#) on the phone when directed, and then hang up.

The system displays the VPN Webtop page containing the RDP/RDS Desktop applications approved for your use.

2.1.2. Authenticate with PIV Card

If you chose PIV card authentication, the system displays a list of digital certificates.

NOTE: You can authenticate with an authorized user PIV card only on a government-furnished workstation or laptop that is equipped with the requisite PIV card reader and software. There are also some other technical requirements that can affect certain workstations/laptops. If you run into problems authenticating with a PIV card, contact your local Area Help Desk.

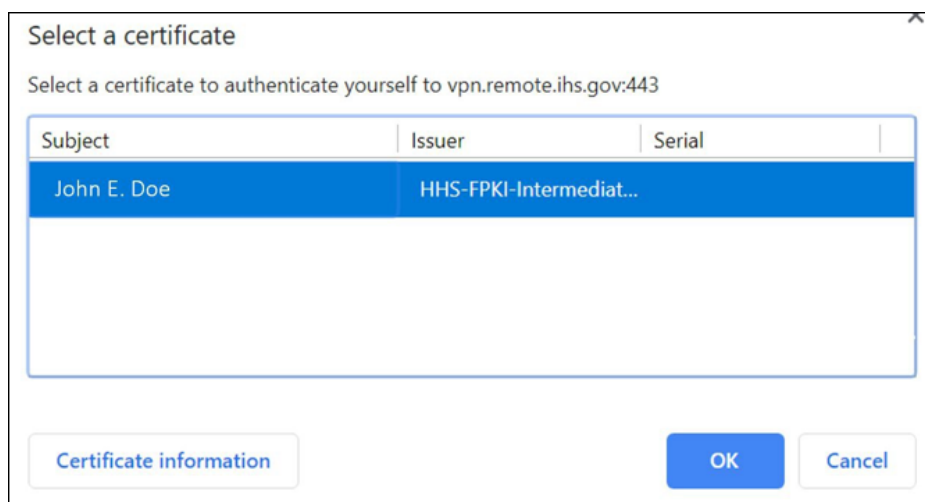


Figure 5: Select a Certificate window

Continue with the following steps to complete the login process:

1. Select the top “-A” certificate.
2. Click OK.

The system displays the Windows Security PIN window.

3. Type the PIN number associated with your user PIV card.

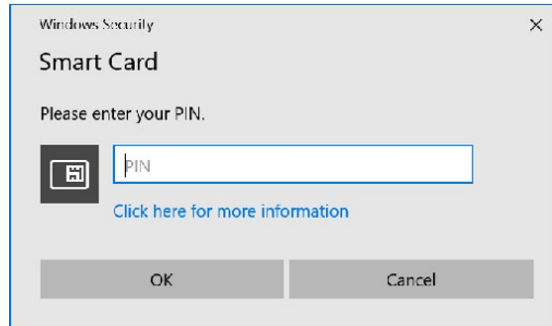


Figure 6: Windows Security login window for PIN number

4. Click OK.

The system displays the VPN Webtop page containing the RDP/RDS Desktop applications approved for your use.

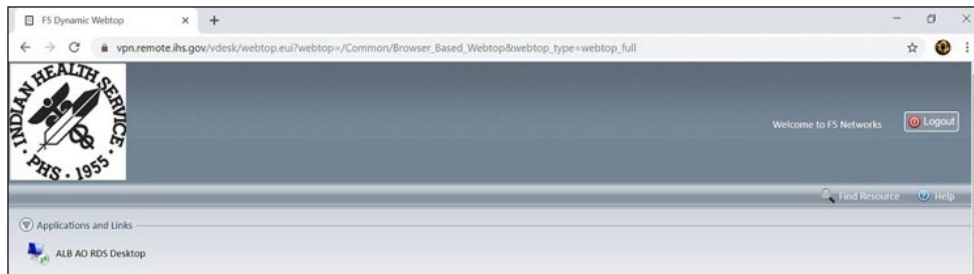


Figure 7: IHS VPN Webtop page

2.1.3. Authenticate with Okta

NOTE: If this is the first time logging in using okta, please refer to section 1.2 under Okta for initial user setup in Okta. Although not required, this process will make logging in much smoother.

1. Open your web browser and go to the VPN Login page (<https://vpn.remote.ihs.gov>). The system displays a login warning page.

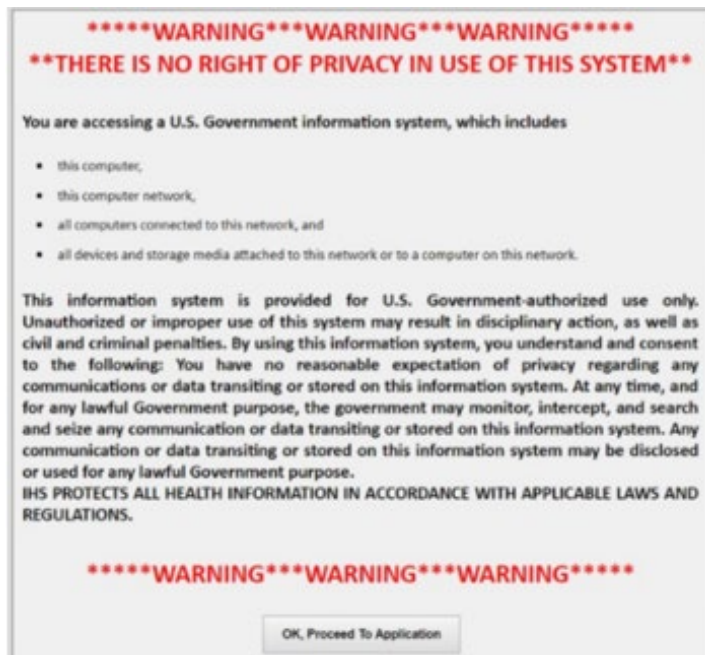


Figure 8: Warning Page

2. Click “Ok, Proceed to Application”
3. You will be prompted for your IHS Username and Password along with a dropdown.
4. Enter your IHS network (D1) Username and Password and select Okta from the V-Realm dropdown



Figure 9: Secure Logon for IHS page

The system displays the VPN Login page.

5. Click Logon
6. You will be prompted to log into Okta with your IHS Credentials (new splash screen) and use Okta verify for MFA to log in.

NOTE: This process is to meet the m-22-09 zero trust policy.

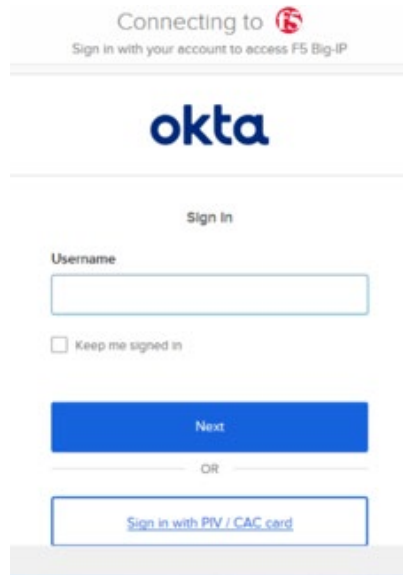


Figure 10: Okta Sign In

7. The system displays the VPN Webtop page containing the RDP/RDS Desktop applications approved for your use.

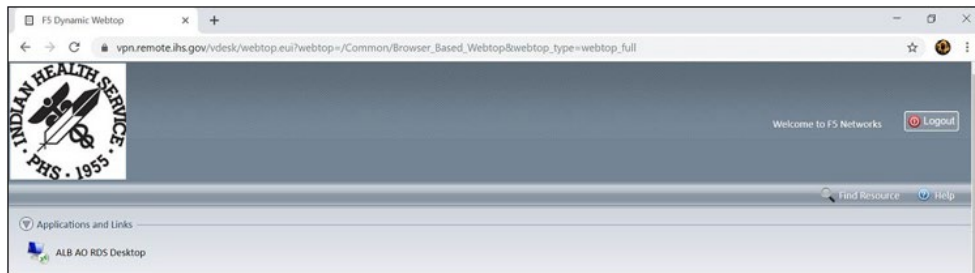


Figure 12: VPN Webtop page

You will now be able to connect to your approved RDP/RDS Desktop applications.

2.2. Connect to the Remote Desktop Environment

The first time you connect to the Remote Desktop environment, the RDP application will be downloaded to your system. No additional setup is required. This download does not require administrative privileges.

1. Click RDP/RDS Desktop applications to display the Remote Desktop login page containing the standard federal government privacy warning.



Figure 13: Federal government privacy warning

2. Click OK to continue to the server login window.

2.3. Launch a Remote Desktop Session

1. Click the Area/Facility Remote Desktop icon.

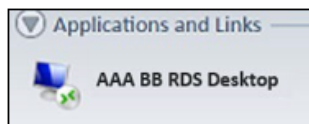


Figure 14: Remote Desktop icon.

2. Click OK.

The system loads your profile. In some cases, this may take 7-10 seconds or more.

After your profile loads, the system displays the Remote Desktop for your Area/Facility.



Figure 15: Remote Desktop with application icons

Figure 10: Remote Desktop with application icons

3. At this point, you can do the following:

- a. To open an application, double-click its icon.

Note: Applications not on the desktop may be available from the Start menu.

- b. To access your network drives, open the **Start** menu and select **Computer**.

Then navigate to the desired drive.

- c. To log off and end the VPN session, open the **Start** menu and select **Log off**.

NOTE: Be sure to perform the Log Off step before closing the browser window. If you do not, the session may persist in a “hung” state, and you will not be able to establish a new VPN session. For assistance, contact your local Help Desk.

2.3.1. Locate Your Files

All of your files are located on the network share and network drives assigned to you as part of your network account and profile. (For assistance, contact your local System Administrator.) Here's how to locate your files and access your network drives:

1. Open the **Start** menu, and then select **Computer**.

The system presents an Explorer window similar to the one below.

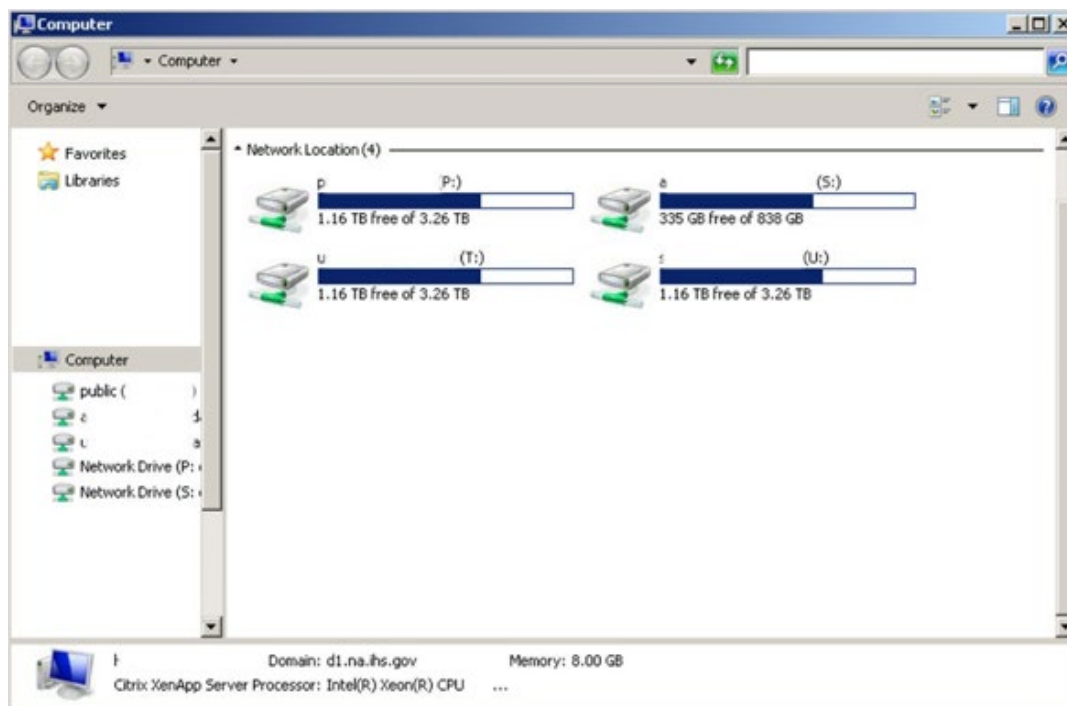


Figure 16: Explorer window showing network drives

2. Navigate to the desired network drive.

2.4. Launch an RDP Session

Before you can use an RDP application, you must work with your local Area/facility IT staff to identify the servers and workstations you need to access via RDP. Then, you can use these steps to launch an RDP session within the VPN after you have completed the VPN login and authentication steps.

1. Click on the **RDP** application.



Figure 17: RDP Application icon

2. Type the name of the machine to which you want to connect.

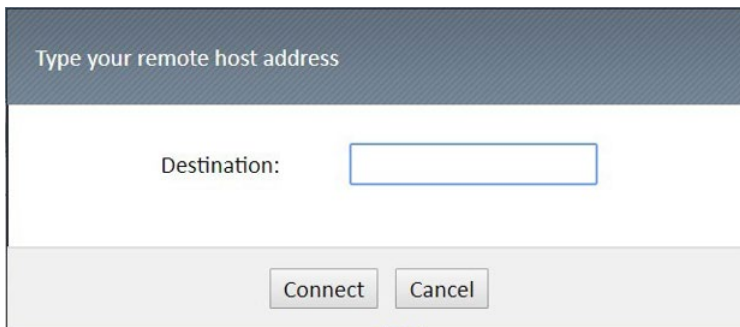


Figure 18: Remote Desktop Connection window.

- 3. Click Connect.

The system displays the Remote Desktop Connection Publisher Verification window.

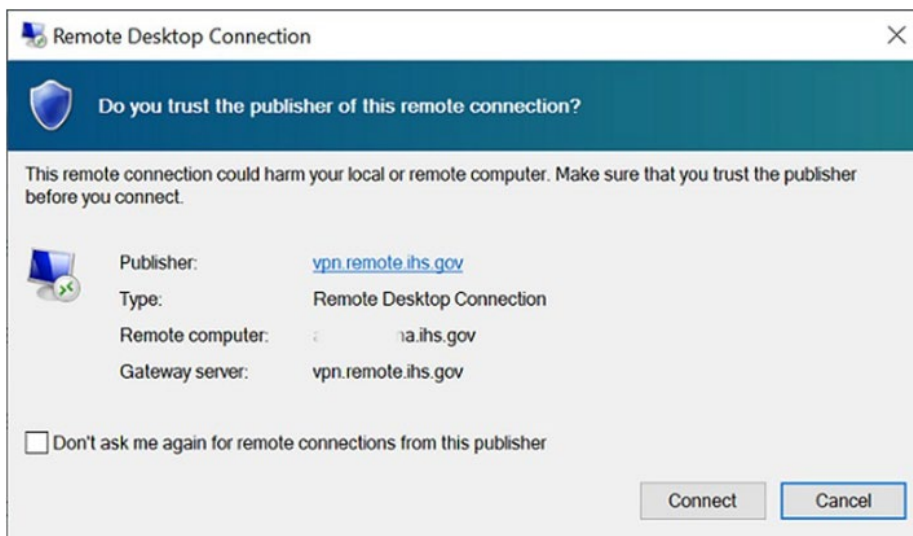


Figure 19: Remote Desktop Connection Publisher Verification window

- 4. Click Connect.

The system displays the Remote Desktop Connection status indicator window.

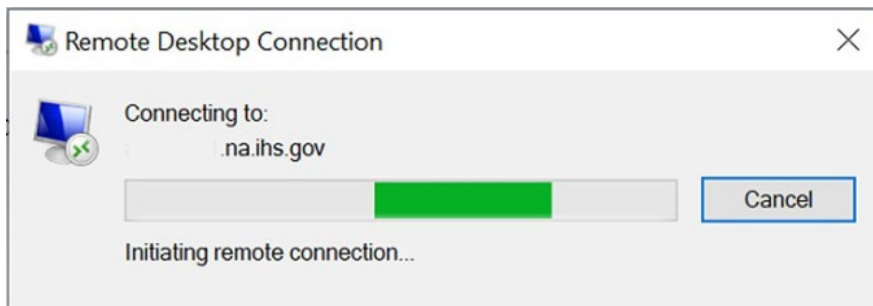


Figure 20: Remote Desktop Connection status indicator window.

5. Enter your d1 user name and password using the following format:
d1*<username>*.

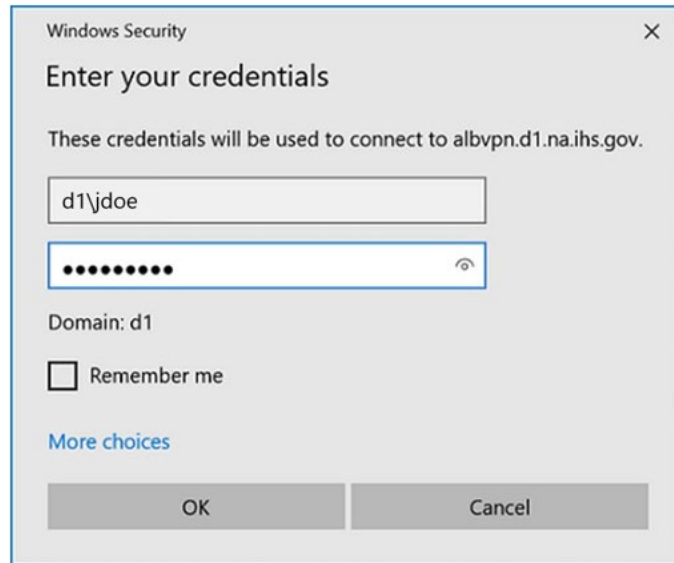


Figure 21: Windows Security credentials window.

The system displays the Remote Desktop Connection certificate warning window.

6. Click **Yes**.

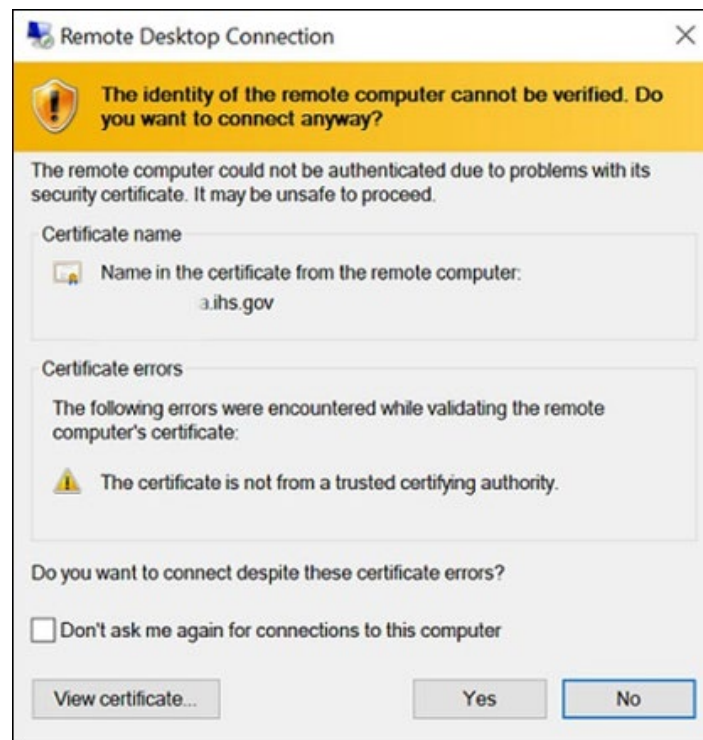


Figure 22: Remote Desktop Connection certificate warning window.

2.5. Log Out and Disconnect from VPN

Logging out is very similar to the way you would log off of a PC. Use the following steps to log out and disconnect from the VPN.

NOTE: A mandatory timeout is configured for inactivity within the RDP/RDS- based VPN per IHS and HHS Security policies. Each VPN user will be logged out of the VPN when the inactivity standards are met and in alignment with HHS security policies. To reconnect, repeat the log in process outlined in Section 2.1

1. On your Remote Desktop, open the Start menu, and then click Log Off.



Figure 23: Start menu showing Log Off button.

2. To continue exiting your VPN session, close this Internet Explorer window.
3. On the VPN Webtop page, click Logout on the upper-right corner of the page (arrow highlighted).

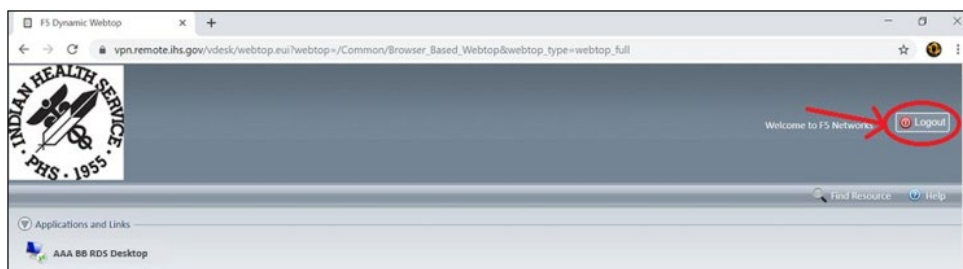


Figure 24: VPN Webtop page with Logout button.

The Big-IP logout page shows that your session is finished.

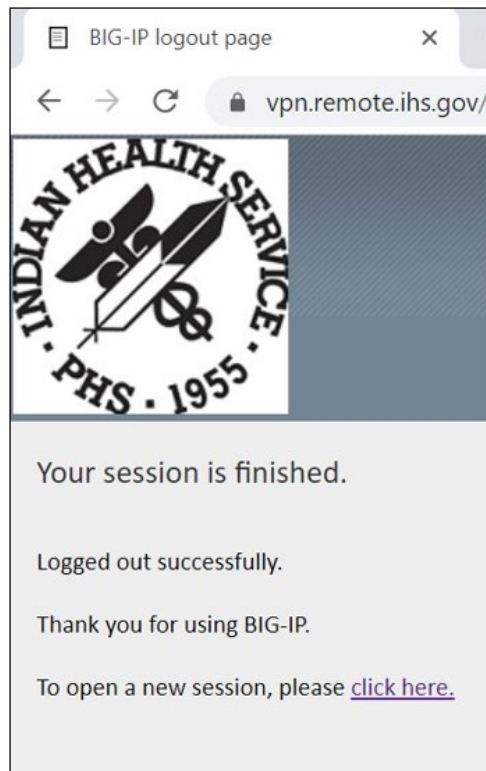


Figure 25: Login screen showing logout confirmation.

3. Use VPN to Access PIV-Enabled HHS Applications

Many HHS applications now require the use of a PIV card to access and request information. These include ITAS, myPay, eOPF, HHS Learning Portal, GovTrip, etc. When using the IHS VPN to access these websites, you must meet the following requirements:

- Use government-furnished equipment (GFE) with a working PIV-card reader and current ActivClient software.
- Use a PIV card with current (not expired) certificates.
- Use a PIV card that work within the IHS network on the current GFE.

NOTE: You do not need to use the PIV V-Realm for logging into VPN in order to access HHS applications that require the PIV card for access. Any other approved two-factor authentication can be used. However, your PIV card must be inserted into the card reader prior to accessing the websites for HHS.

3.1. Access Management System (AMS) at HHS.Gov

1. Open a web browser and navigate to ams.hhs.gov website.

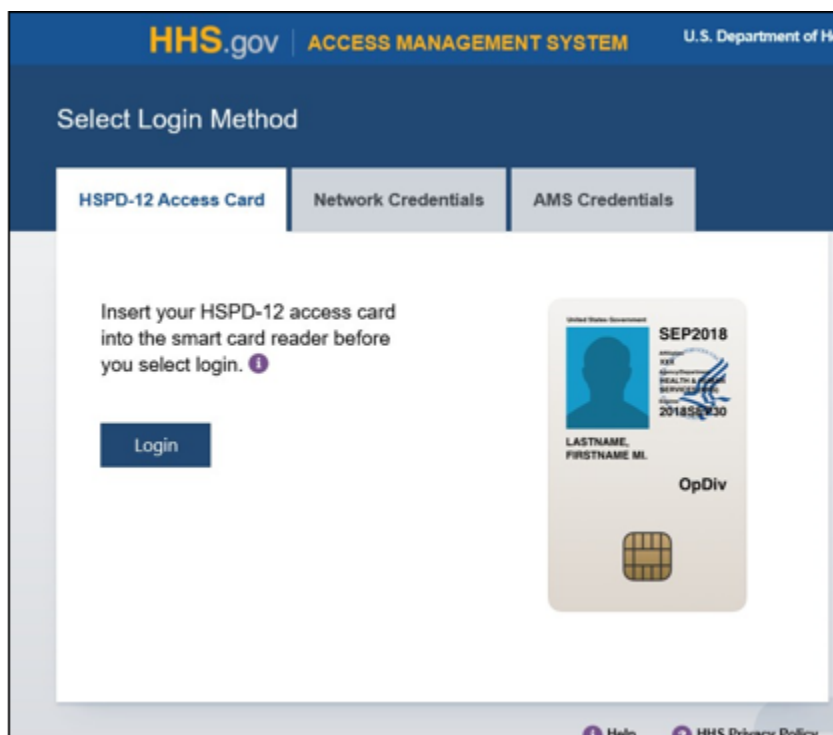


Figure 26: Login page for Identity and Access Management.

The system displays the Government Warning window.

2. Click Agree.

The system displays the *Select a Certificate* window.

3. Select the top certificate in the list, and then click OK.

The system displays the *Smart Card PIN* window.

4. Type your PIV-card PIN number.

5. Click OK.

The system displays the *AMS Home Page* with a list of options, based on your access rights.

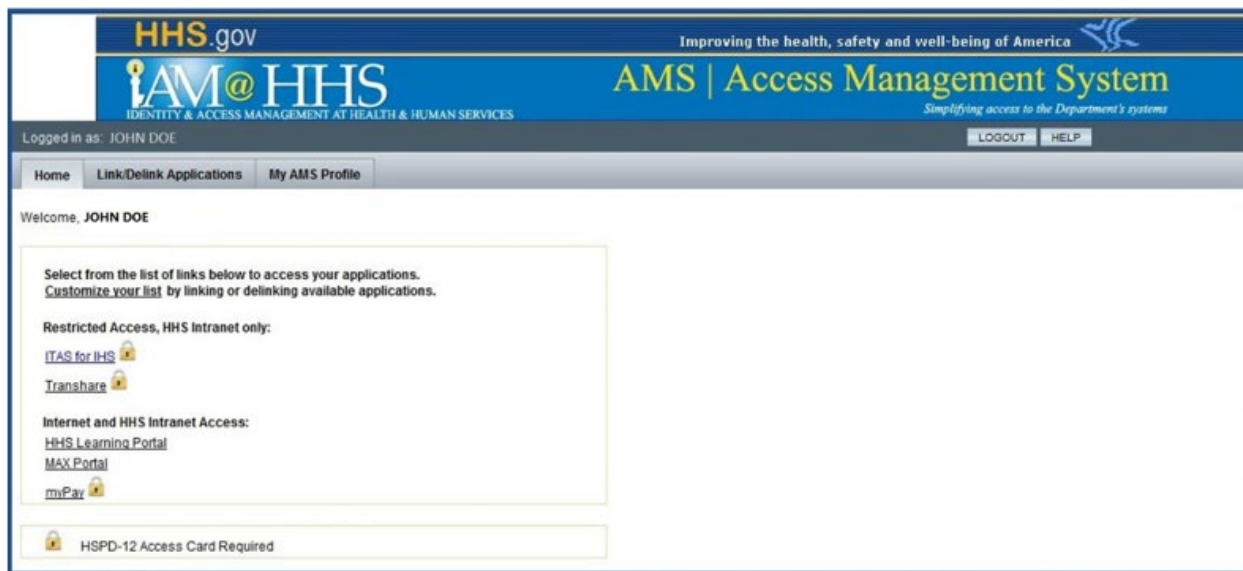


Figure 27: AMS Home Page.

4. Reset VPN Password

Users are required to change their VPN password prior to password expiration. (Email notifications are sent out within two weeks of expiration.) This is accomplished using the Remote Desktop environment.

1. From within the remote desktop, press the following key combo: Ctrl+Alt+End.
2. Click Change a password.

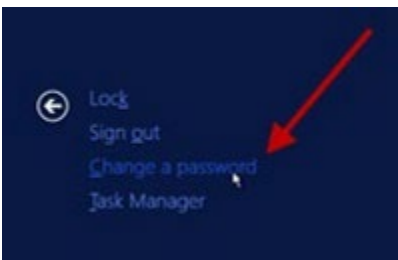


Figure 28: Click on Change a password.

3. Type a New password.
4. Retype your new password to Confirm password.

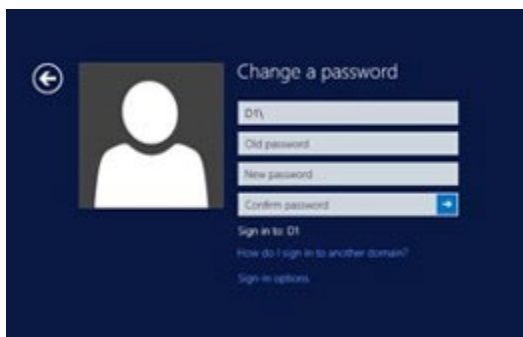


Figure 29: Apply password change.

5. Use the F5 VPN Big IP Edge (Tunnel) Client

Various users (by request only with valid justification) have access to the IHS network via the F5 VPN Big IP Edge Client. This is a standalone client installed on the user's GFE laptop that creates a connection to the internal IHS network. This type of access is reserved for government furnished equipment, or GFE, only. GFE must also meet minimum security requirements to include the following:

- System must be joined to the D1 domain
- System must be encrypted using Bitlocker
- System must have the IHS Enterprise AV client (Symantec Endpoint Protection 14.2) installed
- System must have the IHS Enterprise Patch Management agent installed (Symantec Management Agent)

5.1. Connect to the IHS Network via the F5 VPN Big IP Edge Client

Once a user has requested (and received approval for) tunnel access, the F5 VPN Big IP Edge client must be installed by OIT/ETS VPN Support if it is not already present on the system.

1. Log into the laptop using your IHS username and password as you would if you were on the IHS network.
2. Locate the pop-up message in the lower-right corner of your screen (see arrow) and click on the Attention Required, Click Here message:

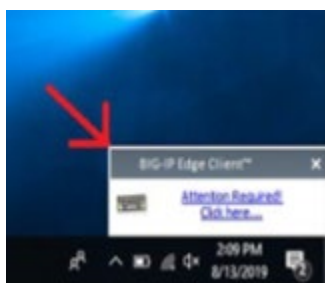


Figure 30: Attention Required, Click Here message displayed on desktop.

The system displays the VPN BIG IP Edge Client login window.

3. Type your IHS username and password and select the V-Realm that matches your two-factor authentication method (Token, Phone, or PIV).

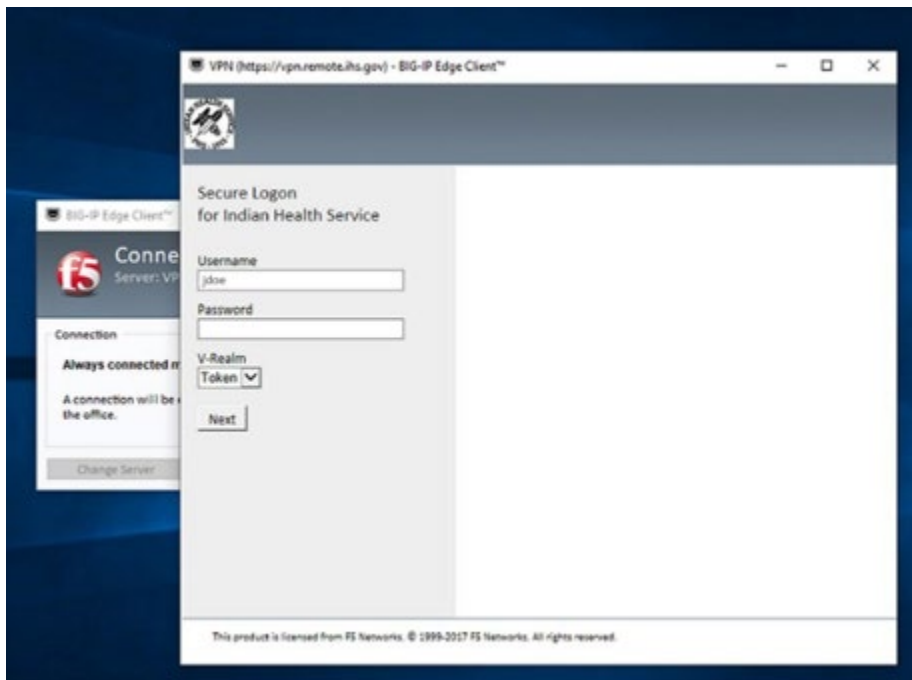


Figure 31: VPN BIG IP Edge Client login window

4. Click Next.

Once you've successfully authenticated, the system displays the status of the client integrity checks being performed on the system.

This process takes anywhere from 10 to 30 seconds to complete.



Figure 32: System client integrity check progress.

- Click the F5 shortcut in the system tray to verify the connection status.

The system displays the BIG-IP Edge Client connection status window.

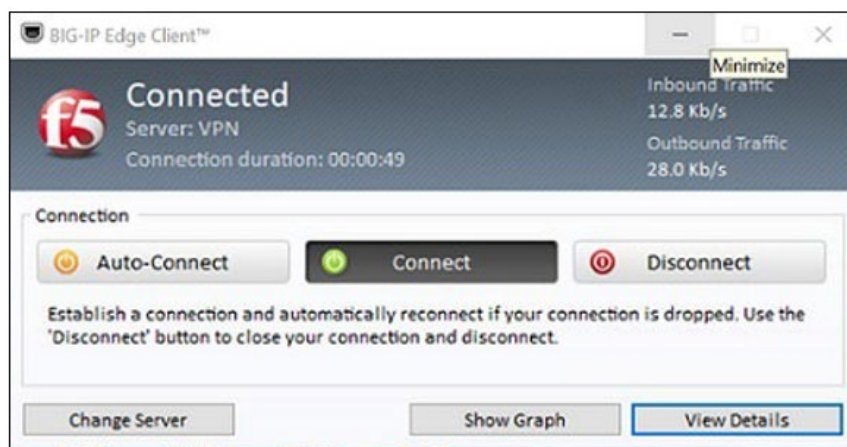


Figure 33: BIG-IP Edge Client VPN connection status window.

NOTE: A mandatory timeout is configured for inactivity within the F5 VPN per IHS and HHS Security policies. Each VPN user will be logged out of the VPN when the inactivity standards are met and in alignment with HHS security policies. To reconnect, select Connect in the F5 VPN connection status window (Figure 28), and repeat the log on process outlined in Section 5.1.

5.2. Connect to the IHS Network Using Okta as a Factor (for F5 Big IP VPN)

Once a user has requested (and received approval for) tunnel access, the F5 VPN Big IP Edge client must be installed by OIT/ETS VPN Support if it is not already present on the system

- Log into the laptop using your PIV Card or IHS username and password as you would if you were on the IHS network
- Locate the pop-up message in the lower-right corner of your screen (see arrow) and click the Attention Required, Click Here message (arrow):

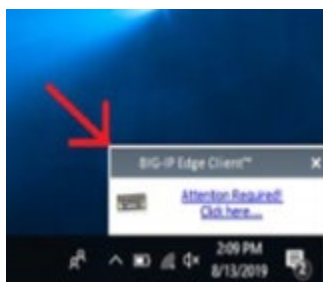


Figure 34: Attention Required, Click Here message displayed on desktop.

3. Type your IHS username and password and select the V-Realm that matches your two-factor authentication method (Okta).



Figure 35: V-Realm dropdown has Okta selected

4. You will be prompted to log into Okta with your IHS Credentials (new splash screen) and use Okta verify for MFA to log in.

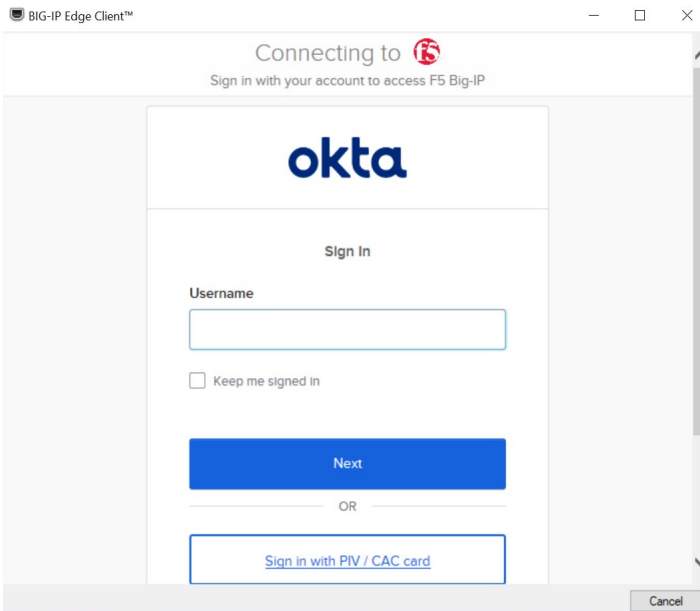


Figure 36: Okta Sign In window

- Once you've successfully authenticated, the system displays the status of the client integrity checks being performed on the system. This process takes anywhere from 10 to 30 seconds to complete.

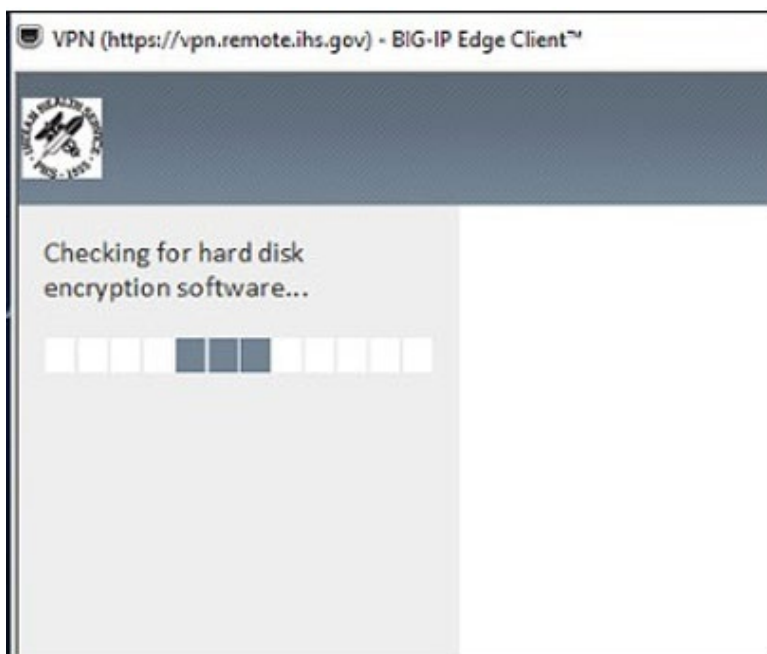


Figure 37: System client integrity check progress.

- Click the f5 icon “shortcut” in the system tray to verify the connection status.

The system displays the BIG-IP Edge Client connection status window.

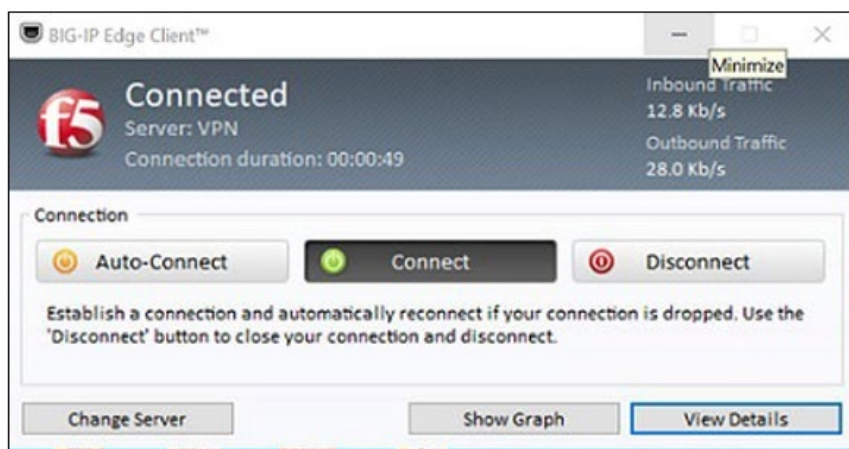


Figure 38: BIG-IP Edge Client VPN connection status window.

NOTE: A mandatory timeout is configured for inactivity within the F5 VPN per IHS and HHS Security policies. Each VPN user will be logged out of the VPN when the inactivity standards are met and in alignment with HHS security policies. To reconnect, select Connect in the F5 VPN connection status window (Figure 28), and repeat the log on process.

5.3. Disconnect from the F5 Big IP VPN / Edge Client

1. Click the F5 shortcut in the system tray.



Figure 39: F5 shortcut in system tray

The system displays the F5 BIG-IP Edge Client connection status window.

2. Click the Disconnect button.

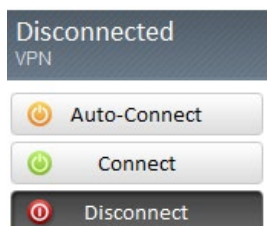


Figure 40: Disconnect button

The system logs off the F5 VPN Big IP Edge client and terminates your connection.

6. Apple Device Support

The use of Apple Devices for F5 Edge (Tunnel) Client is not supported due to client domain and validation requirements. However, Apple devices can use the Web-Portal RDP solution to connect to the IHS network. The Apple Devices supported for use with the F5 Web-Portal RDS solution are as follows: iPad, iMac, and MacBook.

To use the Web-Portal RDP solution on a supported Apple device, complete the following steps:

1. Open the App Store on your Apple Device and search for the Remote Desktop Mobile app.

NOTE: This application is developed by Microsoft Corporation.

2. Install the app on your mobile device.
3. Once the Remote Desktop Mobile app is successfully installed, open the Safari Web Browser and navigate to the following web address:
<http://vpn.remote.ihs.gov>.
4. Login with your D1 credentials and respective form of multi-factor authentication (Token, Phone or PIV).
5. Connect to your respective RDP Session using the icon(s) in the VPN Web-Portal.

7. Appendix A: VPN RDS Support Restrictions

Computer management tools and various Control Panel utilities that are typically available on a PC will not be available from within your VPN RDS session. Because any administrative modification to the Remote Desktop server would affect everyone else on that server, Area/Facility IT has secured the system so that only system administrators have access to these tools.

Access to the following functions may be disabled:

- Modifying Desktop wallpaper
- CD and DVD Media Information Retrieval
- CD Burning features
- Context menus on the taskbar
- Music File Media Information Retrieval
- Network Connections from Start menu
- Registry editing tools
- Shutdown, Restart, Sleep, Hibernate settings
- Task Manger
- Taskbar and Start Menu settings
- Command prompt
- The following tabs: Hardware, Network, Privacy, Security
- Music icon from the Start Menu
- My Documents icon
- Network icon from Start Menu
- Pictures icon from Start Menu
- Use of all Windows Update features
- Adjustment of desktop toolbars
- Auto connect client drives
- Balloon Tips on Start Menu items
- Client drive redirection
- Client fixed drives
- Client floppy drives
- Client LPT port redirection
- Client microphone redirection
- Client optical drives

- Client removable drives
- Client USB device redirection
- Client USB Plug and Play device redirection

Additionally, the following Control Panel items may not be available:

- Add hardware
- Add or Remove Programs
- Administrative Tools
- Automatic Updates
- Date and Time
- Game Controllers
- Java Plug-In
- Licensing
- Network Connections
- Phone and Modem options
- Power options
- Printers and Faxes
- Scanners and Cameras
- Scheduled Tasks
- Speech
- Stored User Names and Passwords
- Symantec Live Update
- System

8. Appendix B: Phone Security Questions

Before an OIT technician can assist you when you have problems accessing the IHS VPN, he or she must validate your identity. For Phone, OIT uses a set of four user-defined questions for this purpose, much like many other secure sites on the Web.

NOTE: If you have not defined your security questions, you will still be able to log in to the VPN. However, the OIT Help Desk will not be able to assist you if you encounter a problem.

Use these steps to define your Phone verification security questions.

1. Log in to the IHS network (either directly or through the VPN) using your D1 username and password. (See Section 2.1.)
2. Open a web browser and navigate to the Multi-Factor Authentication User Log In.
3. Enter **Username**.
4. Enter **Password**.
5. Click **Log In**.

The system displays the PhoneFactor Multi-Factor Authentication Log In page.

Note: Log In window may look different when logged in directly to PhoneFactor as an administrator.

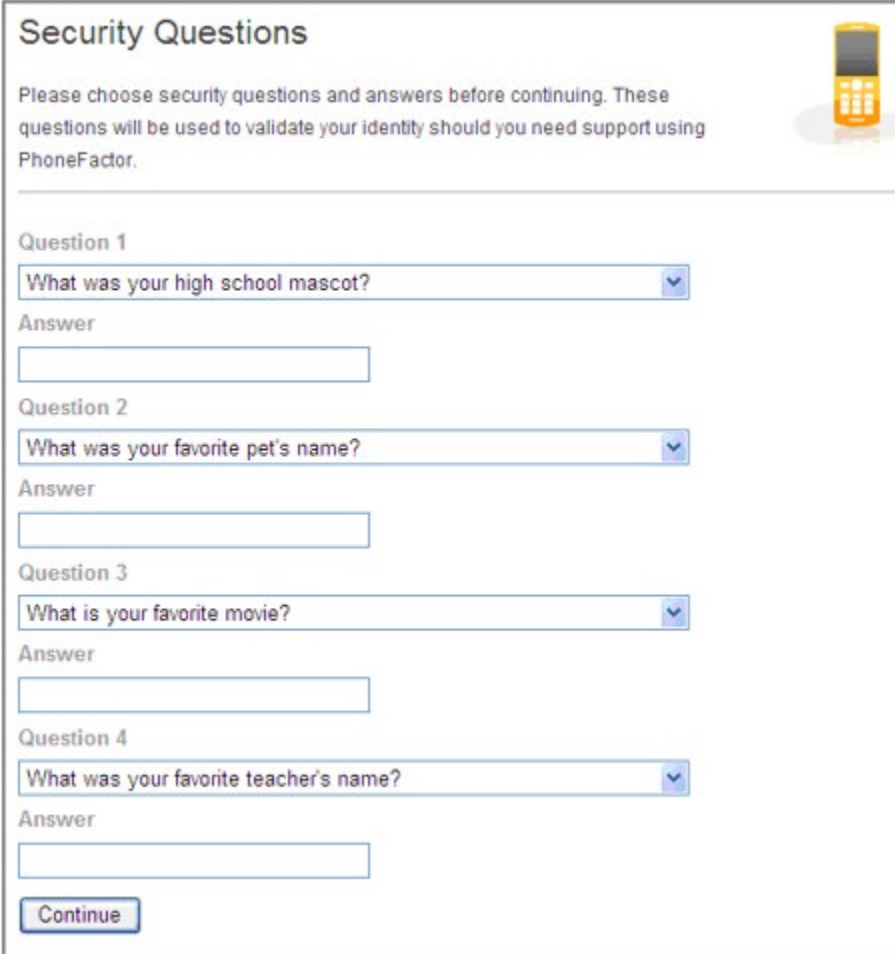


Figure 41: Multi-Factor Authentication User Log In page.

The Phone verification system calls your designated phone number.

6. Answer your phone and verify that it is Phone verification system; then press the # key on the phone.

The system displays the Security Questions page.



Security Questions

Please choose security questions and answers before continuing. These questions will be used to validate your identity should you need support using PhoneFactor.

Question 1
What was your high school mascot?

Answer

Question 2
What was your favorite pet's name?

Answer

Question 3
What is your favorite movie?

Answer

Question 4
What was your favorite teacher's name?

Answer

Continue

Figure 42: Security Questions page.

Be sure you define answers you can easily remember!

7. Click Continue to open the Phone verification Welcome page.
8. Click Log Out to exit.

If you ever want to change your questions and/or answers, you can repeat these steps. Remember, however, that you must be working within the IHS network to be able to access the Portal.

9. Appendix C: Acronym List

ACRONYM	DEFINITION
CD-ROM	Compact Disc – Read-Only Memory
DIS	Division of Information Security
DVD	Digital Versatile Disc
GFE	Government-Furnished Equipment
HHS	Department of Health and Human Services
IAM	Identity and Access Management
IHS	Indian Health Service
IT	Information Technology
ITAC	Information Technology Access Control
ITAS	Integrated Time and Attendance System
NOSC	Network Operations and Security Center
NSP	Netilla Security Platform
OIT	Office of Information Technology
PIV	Personal Identity Verification
RDP	Remote Desktop Protocol
SailPoint	Identity and Access Management System
SLA	Service Level Agreement
SSL	Secure Sockets Layer
VPN	Virtual Private Network
SLA	Service Level Agreement