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| **Accessing EUCOM NIPR over Web VDI Services** |

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| Overview |

This document covers prerequisites and procedures for accessing EUCOM NIPR over Web (NoW) VDI services

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| Revision History |

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| Version | Date | Change History | Author |
| 1.0 | 6 Sep 2018 | Initial  | TL |
| 1.1 | 6 Sep 2018 | Minor edits not affecting the content | BJF |
| 1.2 | 6 Sep 2018 | Added Windows OS as a prerequisite. Added how to download from IASE | TL |
| 1.3 | 1 May 2019 | Update Delivery pool name and renamed Citrix Receiver | TL |
| 2.0 | 16 Mar 2020 | Updated InstallRoot instructions, added Entrust instructions, updated Citrix Workspace App instructions | MAD |
| 3.0 | 06 Oct 2020 | Updated links for InstallRoot and revised/relocated instructions, updated Entrust certificate links, and included G+D FIPS card log in instructions | EJF |
| 3.1 | 21 Jan 2021 | Updated certificate selection for Citrix login to Authentication/ID | EJF |

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| Prerequisites |

1. Current release of DoD InstallRoot
2. Entrust G2 and L1K Certificates
3. Current release of Citrix Workspace App
4. Microsoft supported version of Windows 10 found here (in the **End of service: Home…** column):

<https://docs.microsoft.com/en-us/windows/release-information/>

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| Install DoD InstallRoot |

1. Click the **Start Menu**
2. Type **About your PC** and then select the one that says **System Settings** beneath it

*Note: If you do not see this choice, click the gears icon in the* ***Start Menu****, click the* ***System*** *icon, and then click* ***About*** *in the left-hand navigation pane*

1. Under **Device Specification**, look for the **System type** entry and use that text to determine which file to download in the next step
2. Download the latest version of DoD InstallRoot NIPR Windows installer file from the steps below
3. Browse to <https://public.cyber.mil>
4. Click on **PKI/PKE** in the top-right navigation bar
5. Click on **Public Key Infrastructure/Enabled (PKI/PKE)**
6. In the left-hand navigation pane, locate and click on **Tools**
7. In the middle pane, locate and click on either the 32-bit or 64-bit InstallRoot Windows Installer

*Note: You should not need the* ***Non-Administrator*** *installer*

1. Launch the installer
2. Click **Next** to continue
3. Leave the default file location and click **Next**
4. Select only the **Graphical Interface** and uncheck other features
5. Once the install completes, click **Run InstallRoot** to launch the program
6. When prompted for managing **JAVA certificate store**, click **No** to continue



1. Close the **Quick Start** window
2. Ensure **Install DoD Certificates** is checked



1. Locate and click **Install Certificates**
2. Wait for certificates to install. Monitor the progress screen shown below for any errors



1. If the certificates are successfully installed, you should see checkmarks under the **Installed** column



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| Install Entrust Certificates |

1. Copy and paste the following URL in your browser:

<https://web.entrust.com/root-certificates/entrust_g2_ca.cer>

1. If prompted, select where you want to save the file (annotate where the file is saved to)
2. Press <Win><R> (or right-click the Start Menu and select "Run"), type **certmgr.msc** and then press <Enter>
3. In the left-hand pane, expand **Certificates - Current User** and then expand **Trusted Root Certification Authorities**
4. Right-click on **Certificates**, click **All Tasks**, and then click **Import**
5. Click **Next** and then click **Browse**
6. Navigate to the file you downloaded in **step 2** and then select **entrust\_g2\_ca.cer** and click Open
7. Click **Next** twice and then click **Finish**
8. When prompted, click **OK**
9. In the left-hand pane, under **Trusted Root Certification Authorities**, click on the **Certificates** folder
10. In the right-hand pane, scroll down and verify that **Entrust Root Certification Authority - G2** is listed

***Note: Leave this window open while you perform the following steps***

1. Copy and paste the following URL in your browser:

<https://web.entrust.com/root-certificates/entrust_l1k.cer>

1. If prompted, select where you want to save the file (annotate where the file is saved to)
2. Switch back to the **certmgr.msc** window you were working in previously
3. In the left-hand pane, expand **Certificates - Current User** and then expand **Intermediate Certification Authorities**
4. Right-click on **Certificates**, click **All Tasks**, and then click **Import**
5. Click **Next** and then click **Browse**
6. Navigate to the file you downloaded in **step 13** and then select **entrust\_l1k.cer** and click **Open**
7. Click **Next** twice and then click **Finish**
8. When prompted, click **OK**
9. In the left-hand pane, under **Intermediate Certification Authorities**, click on the **Certificates** folder
10. In the right-hand pane, scroll down and verify that **Entrust Certification Authority - L1K** is listed

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| Install Citrix Workspace App |

1. Download the latest Citrix Workspace App client (not beta or tech preview versions) from:

<https://www.citrix.com/downloads/workspace-app>

1. Once the file has been downloaded, open (or run) the file
2. Click **Start** to continue
3. If you accept the license agreement, click **Install**

*Note: If you do not accept the license agreement and click cancel, you will not be able to utilize the EUCOM NIPR over Web service*

1. Upon a successful install, click **Finish**

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| Connecting to EUCOM NIPR over Web |

1. Open your browser and navigate to <https://home.eucom.mil>
2. Review the standard DoD consent to monitoring banner and click **Accept**

*Note: If you do not accept the consent to monitoring, you should close your browser, but you will not be able to utilize this service*

1. Select your **Authentication** (DOD ID CA-##) certificate and click **OK**

*Note: If your* ***Authentication/ID*** *certificate is not displayed, click* ***More choices****, find and select it, and then click* ***OK***

**Correct - This screenshot shows Authentication/ID certificate being selected**



1. When prompted, enter your PIN and click **OK**
2. Once loaded, click on the **DESKTOPS** tab to see available VDI desktops



1. Click on the monitor icon labeled as **PAT-PRD**, **SHP-PRD**, **PAT-UAT**, or **SHP-UAT** (as applicable)



1. If you are prompted to do so, click **Allow** to permit the **Citrix Systems, Inc add-on** to run



1. A new window will open, connecting to your VDI session
2. It may take a few minutes to transition from the **Connecting** window (left) into the initial EUCOM VDI session window (right)



1. Wait for **Sign-in options** link to appear and then click the **Smart Card sign-in** icon



1. Select the certificate icon that shows a **16-digit number** (DoD ID number + 6 digits)**.**
2. Type your PIN and press <Enter>
3. Your VDI desktop session will now load