

# DOD Root SSL Certificates

The NPS video portal system, and many other enterprise IT systems in use at NPS, make use of SSL certificates issued by the DoD. If your browser doesn't trust them, you may run into issues. Reinstalling the certs is always a good step in troubleshooting as well.

## OPTION 1 - Automatically Trust All DOD Certificates (Recommended for Windows)

The InstallRoot application is the most simple and straightforward way to install all DOD certificates in your windows operating system, and supports **Internet Explorer, Chrome, and Firefox**. The links below will let you download the tool from the DISA.MIL website (we don't host the files here so that you can get the latest version, as it's frequently updated).

[Download InstallRoot 4 for Windows](#)

- Click the button above to go to the DISA tools webpage in a new window or tab.
- Click on the **Trust Store** menu item from the PKI and PKE tools page.
- Under the heading "InstallRoot 4.1: NIPR Windows Installer click the links to download the latest [32bit](#) and [64bit](#) versions of the tool.
- When downloaded, right click on the file and select "**Install as Administrator**"
- Restart your browsers for the changes to take effect (all windows!).
- [InstallRoot 4.1: User Guide](#)

## OPTION 2 - Manually Install the DOD Root Certificates (All Systems / Browsers)

You can manually download the root certificate and any intermediate certificates needed when using SSL-based websites or services at NPS.

The CA-2 root is always required, and you'll also need to install the intermediate certificate for each application you intend to use. E.g. For the NPS streaming video, your browser needs to trust CA-2 and both CA-21, CA-27, and CA-28. By installing all the certificates, your web browser will trust all DOD sites that use SSL - not just those currently in use here at NPS.

**Firefox users** - Firefox uses its own set of trusted certificates, outside of the operating system. This is the same on windows and Mac. Please keep that in mind when you are installing them manually. [click here for help with installing the certificates in Firefox.](#)

Certificate	Purpose
<a href="#">DOD CA-2</a>	Root certificate for all intermediates - required for all uses.
Certificate	Purpose
<a href="#">DOD CA-22</a>	<i>Not currently used by NPS</i>
<a href="#">DOD CA-23</a>	<i>Not currently used by NPS</i>
<a href="#">DOD CA-24</a>	<i>Not currently used by NPS</i>
<a href="#">DOD CA-25</a>	<i>Not currently used by NPS</i>
<a href="#">DOD CA-26</a>	<i>Not currently used by NPS</i>
<a href="#">DOD CA-27</a>	NPS Extranet, Faculty Website, NPS Survey, NPS Webmail, NPS AD/LDAP, NPS Streaming Video
<a href="#">DOD CA-28</a>	NPS
<a href="#">DOD CA-29</a>	<i>Not currently used by NPS</i>
<a href="#">DOD CA-30</a>	<i>Not currently used by NPS</i>
<a href="#">DOD CA-31</a>	<i>Not currently used by NPS</i>
<a href="#">DOD CA-32</a>	<i>Not currently used by NPS</i>

[Download All](#)

All certificates listed above in one archive