



DoD Public Key Enablement (PKE) Quick Reference Guide

Verifying Digital Signatures on DoD PKE Tools

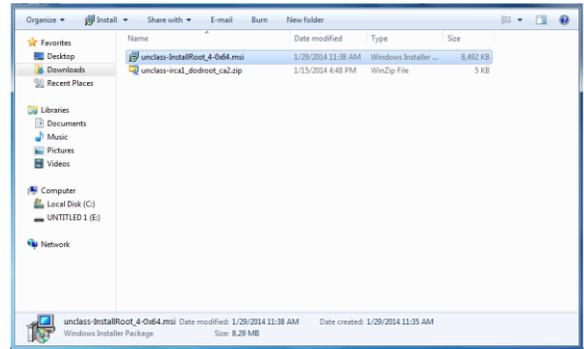
Contact: dodpke@mail.mil
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Enabling PKI Technology
for DoD users

Before proceeding with any DoD PKE tool installation, verify the installer package has been digitally signed by DoD PKE Engineering. Follow these steps to quickly verify the digital signature on the executable installer.

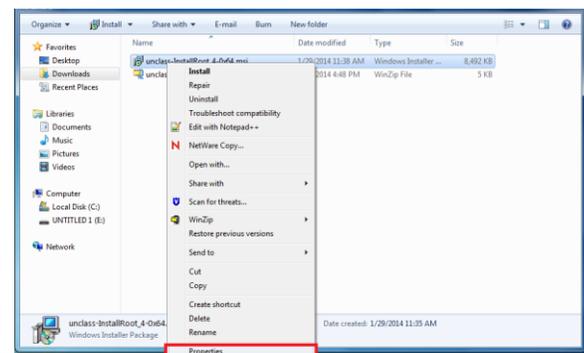
Step 1

In Windows Explorer, navigate to the directory containing the installer package.



Step 2

Right-click the installer and select **Properties** from the pop-up menu to open the **Properties** window.

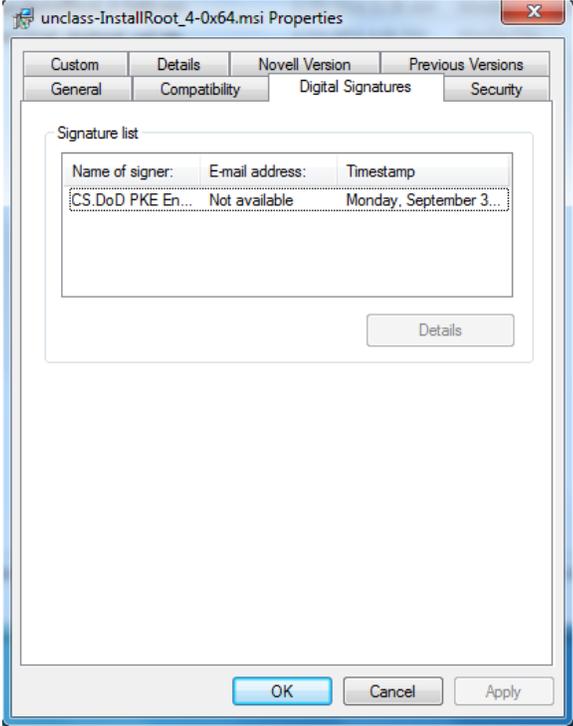


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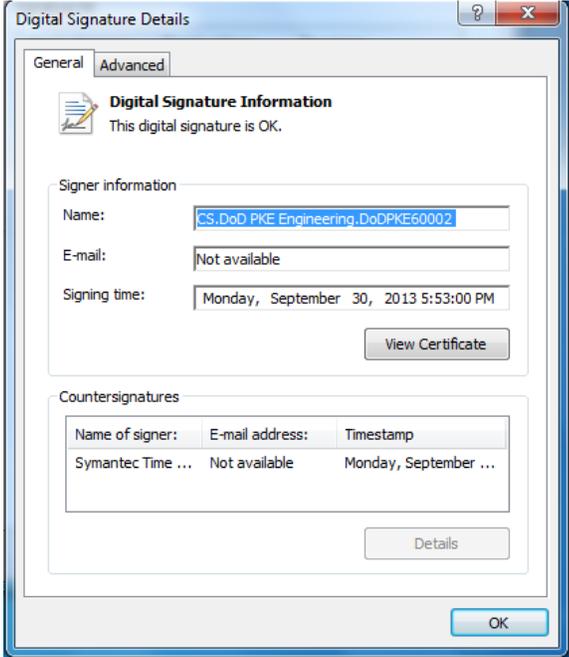
Step 3

Select the **Digital Signatures** tab.



Step 4

Select "CS.DoD PKE Engineering.DoDPKE60002" in the **Signature list** and click **Details**. The **Digital Signature Details** window opens.



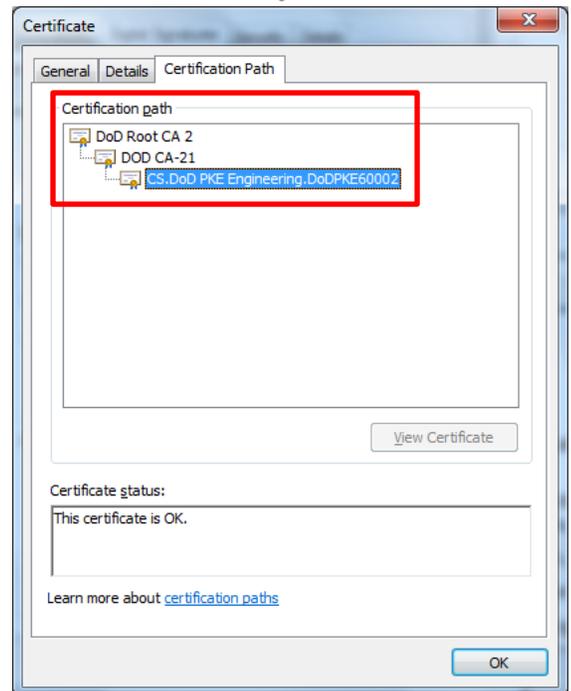
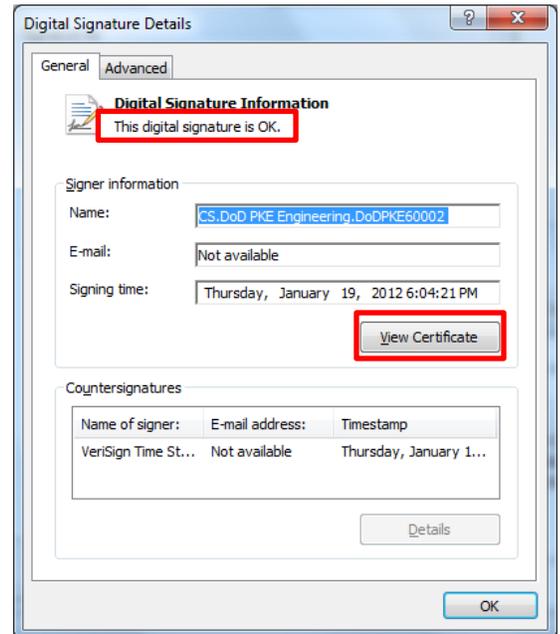
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Step 5

Make sure that the "This digital signature is OK" message appears as shown below. Click **View Certificate** and select the **Certification Path** tab to verify the certification path. The certification path should read "DoD Root CA 2 > DOD CA-21 > CS.DoD PKE Engineering.DoDPKE60002." If the digital signature is not OK, do not proceed with installation as the version of the tool you have may not be authentic.

NOTE: If the signature is listed as being invalid but the path appears to be correct (including DoD Root CA 2 and DoD CA-21), the proper certificates may not be installed on the system. Ensure that the DoD Root CA 2 is installed in the system's Trusted Root Certification Authorities certificate store and the DoD Interoperability Root CA 1 > DoD Root CA 2 cross-certificate is installed in the system's Untrusted certificate store. If these certificates are not installed in the proper locations, the DoD PKE InstallRoot 4 tool can be used to install them.

Click **OK** in each of the three open properties windows to close them.



For questions or comments regarding Public Key Enablement (PKE), please submit information to:

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