

Installing Connector ID Key using PsTools

Overview

Stratusphere™ uses an agent called Connector ID Key (CID Key) to collect performance metrics data from machines. It is installed on machines to collect information on resource utilization, performance and user experience. Stratusphere™ does not provide a built-in software distribution mechanism to distribute and install the CID Keys. In the absence of standard software distribution tools such as SMS, SCCM, LANDesk, etc., Liquidware Labs recommends using PsTools, an open source tool, to distribute and install software to machines on the network. This document provides instructions on how to use PsTools to install the CID Key software.

Preparation

1. Please acquire administrative credentials to install software on machines on the domain or on the network.
2. Please compile a list of DNS names or IP Addresses of target machines where the CID Key needs to be installed or uninstalled.
3. Please procure a shared network location with appropriate read/write/execute permissions to access, copy and run the Stratusphere™ CID Key installer.
4. Acquire the CIDKeyInstallationUsingPsTools.zip from Support@LiquidwareLabs.com or through your assigned Sales Engineer or Account Manager.

Zip File Contents:

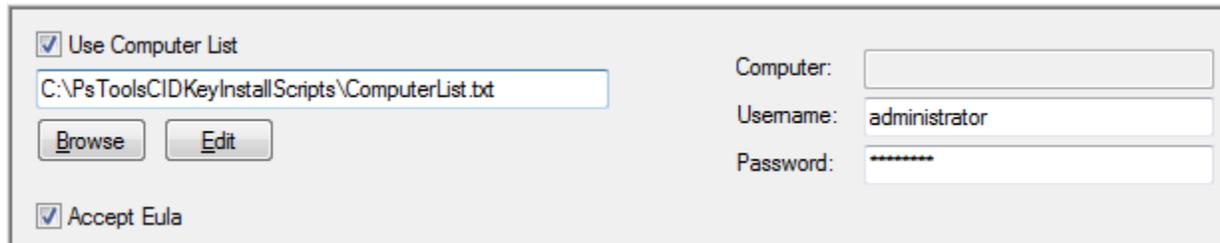
The CIDKeyInstallationUsingPsTools.zip file contains all software needed to install and uninstall CID Key software. The contents are as follows:

1. PsTools.zip contains a set of files that actually perform software installation through command line interface.
2. FePsTools.zip contains a graphical, front-end UI for the command line interface of PsTools, thus the name Front-End for PsTools (FePsTools).
3. Batch files to invoke the installation and uninstallation of the CID Key software.
4. ComputerList.txt is a text file that serves as a target list of computers for installing CID Key software. It is a simple text file that contains all the fully qualified domain names (DNS) of the targeted machines on separate lines. It can be edited within the FePsTools UI or through Notepad.exe.

Instructions

1. Extract contents of CIDKeyInstallationUsingPsTools.zip and extract the PsTools.zip and FePsTools.zip files as well to a well-known, easily accessible location on your local machine.
2. If installing CID Key software, edit installCIDKey.bat and skip step 4 and jump to step 5. Follow the steps below to edit the batch file:
 - a. Right click on the installCIDKey.bat file and select Edit.
 - b. Point the batch file to the shared and accessible folder where you have saved the Connector ID software by replacing <shared location> with the full path to the folder containing the software. i.e. file01.domain.local\Public

- c. Point the batch file to the name of the software you wish to install by replacing <connectorID install with version> with the full name of the software you wish to install. i.e. install-connectorID-Key-4_x_x-nps32.exe
 - d. Note: the /s command causes the install to run in a silent, unattended mode.
 - e. Save the install batch file.
 3. If uninstalling CID Key software, edit uninstallCIDKey.bat. Follow the steps below to edit the batch file:
 - a. Right click on uninstallCIDKey.bat and select Edit.
 - b. Point the batch file to the shared and accessible folder where you have saved the Connector ID software by replacing <shared location> with the full path to the folder containing the software. i.e. file01.domain.local\Public
 - c. Point the batch file to the name of the software you wish to uninstall by replacing <connectorID install with version> with the full name of the software you wish to install. i.e. install-connectorID-Key-4_x_x-nps32.exe
 - d. Note: the /x command causes the software to be uninstalled, and the /s command causes this to be silent.
 - e. Save the uninstall batch file.
 4. Configure FePsTools
 - a. Run FePsTools.exe from the extracted location.
 - b. Navigate to File > Settings menu. In the Settings window, click on the Browse button to navigate to the location where you extracted PsTools.zip step 1.
 - c. To deploy the CID Key on a multiple machines, enable the Use Computer List option. Click on the Browse button to navigate and select the ComputerList.txt file extracted in step 1 above. You can click on the Edit button to enter the list of fully qualified domain names (DNS) for the machines you want to install the CID Key.
 - d. Enter the credentials of an administrative user who has rights to install software on these targeted machines in the Computer List in the Username and Password field.



Use Computer List

Computer:

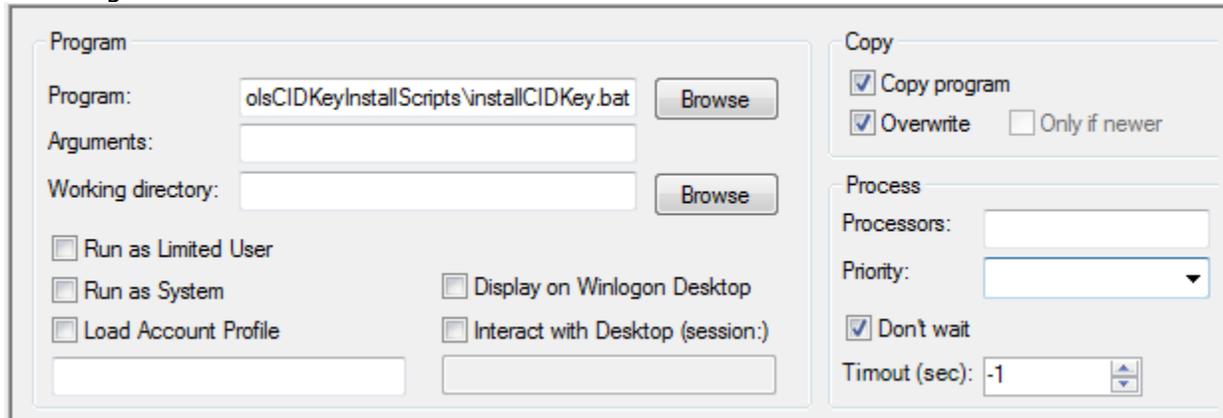
Username:

Password:

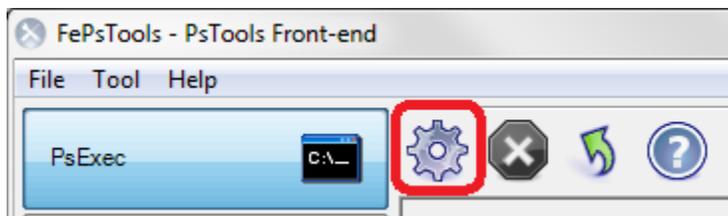
Accept Eula

- e. Alternatively, if you are installing the Connector ID to a single machine you may uncheck the Use Computer List box and enter that machine's fully qualified domain name in the Computer field, and then as above specify the administrative credentials to be used.
 - f. Make sure you enable Accept Eula option.

- g. Under Program section of the UI, click the Browse button to navigate and select either the installCIDKey.bat or uninstallCIDKey.bat file configured in step 2 or 3 above. It is recommended to set the "Working directory" to "C:\\". Uncheck all other options in the lower portion of the Program section to match the image below.



- h. Under the Copy section of the UI, enable the "Copy program" and "Overwrite" options.
 - i. Under Process section of the UI, enable the "Don't wait" option.
 - j. FePsTools is now configured.
5. FePsTools is now ready to install the CID Key on target computer list or machine. To begin the installation process, click the gear shaped button at the top left of the application to run the distribution.



6. Once started, you can view messages within the pane at the bottom of the window. It will scroll through all the machines in the ComputerList.txt file before stopping. Please view full screen shot of the application on the next page as a reference and ensure that your window looks exactly like the image on the next page.
7. Once completed, please log into the Administration section of the Stratusphere™ Web UI using ssadmin/sspassword credentials. Navigate to the Inventory > Machines tab and verify if the machines from the ComputerList.txt have registered automatically with the Stratusphere™ Hub.

