

# IccProfilesCleaner White Paper

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## Description

This document describes the lccProfilesCleaner application and how to use it.

The lccProfilesCleaner console application was created to remove Profiles from a Windows (7+) machine.

### **Actions Performed**

- load Logic File
- parse the Folders in the Folder Path, remove any not in the exclude list
- parse the Registry in the Profiles Registry path, remove any not in the exclude list

At LCC, we implement this program by creating a Group Policy for 'Start Up' Scripts on machines.

If executing through Group Policy, it is recommended to run on 'Start Up', not 'Log-In', as all profiles will be unlocked during a computer restart.

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## Installation

- place lccProfilesCleaner.exe in an accessible folder
- create the Logic File
- run the program with the specified Logic File

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## Execution

### Syntax

`lccProfilesCleaner.exe lcc:logicFile [Logic File]`

### Example

`lccProfilesCleaner.exe lcc:logicFile \\server.edu\share$\folder\lccProfilesCleaner-logic.txt`

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## Logic File

The plain text Logic File provides settings (Keys) to the program. Lines not recognized as valid keys, will be treated as 'remarks' and ignored.

The lines in the Logic File have the syntax:

`lcc:[key] [tab] [value]`

### Example:

`lcc:logPath \\server.edu\share$\folder`

## Keys

### **lcc:auditOnly** (optional, one per Logic File)

Will perform actions in 'Audit' mode. No changes will be made, but, all logging will show what would have happened.

The only valid value is 'YES'.

#### Syntax



`lcc:auditOnly [tab] [value]`

### Example

`lcc:auditOnly YES`

### **lcc:exclude** (mandatory, one to many per Logic File)

Provides the Profile Names to exclude from purging. These 'are not' case sensitive.

**Warning:**  removing system profiles (like Local Server, Network Service) can cause a machine to not allow users to log-in. It is HIGHLY recommended that caution be used when providing this key. Be sure to include ALL profiles you/the machine do not want deleted. A list provided with this program is the current 'do not delete' list for Windows 7. 

Current 'do not delete' list:

- all users
- default
- default user
- localservice
- networkservice
- public
- systemprofile

- users

Provide as many of these keys as desired.

#### Syntax

`lcc:exclude [tab] [value]`

**Example** (showing three (3) keys being provided)

`lcc:exclude all users`

`lcc:exclude default`

`lcc:exclude localservice`

#### **lcc:folderPath** (mandatory, one per Logic File)

Provides the folder path where Profile Folders will be checked/removed. This is the local path on the machine running the program.

#### Syntax

`lcc:folderPath [tab] [value]`

#### Example

`lcc:folderPath C:\Users`

#### **lcc:logPath** (mandatory, one per Logic File)

Provides the logging path (folder) where logs will be placed.

Each machine that executes the program will record its actions into a log file, using the following syntax:

*lccProfilesCleaner-[MACHINE NAME].log*

#### Syntax

`lcc:logPath [tab] [value]`

#### Example

`lcc:logPath \\server.edu\share$\folder`

#### **lcc:registryRoot** (mandatory, one per Logic File)

Provides the Registry Root. Normally, this will always be 'LocalMachine', but, this Key has been supplied to provide future compatibility in case Microsoft changes the Registry Roots structure.

Valid values are:

- ClassesRoot
- CurrentConfig
- CurrentUser
- LocalMachine
- PerformanceData
- Users

#### Syntax

lcc:registryRoot [tab] [value]

**Example**

lcc:registryRoot LocalMachine

**lcc:registryStartPath** (mandatory, one per Logic File)

Provides the path within the Registry Root where Profile path values are stored.

As of Windows 7/8, this path is:

SOFTWARE\Microsoft\Windows Nt\CurrentVersion\ProfileList

**Syntax**

lcc:registryStartPath [tab] [value]

**Example**

lcc:registryStartPath SOFTWARE\Microsoft\Windows Nt\CurrentVersion\ProfileList

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## Logic File Example

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lccProfilesCleaner Logic File

Created By: David Mielcarek

Created Date: April 2, 2013

Description: Provide settings to lccProfilesCleaner

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lcc:logPath \\server.edu\share\$\lccProfilesCleanerLogs  
lcc:registryRoot LocalMachine  
lcc:registryStartPath SOFTWARE\Microsoft\Windows Nt\CurrentVersion\ProfileList  
lcc:folderPath C:\Users  
lcc:exclude all users  
lcc:exclude default  
lcc:exclude default user  
lcc:exclude localservice  
lcc:exclude networkservice  
lcc:exclude public  
lcc:exclude systemprofile  
lcc:exclude users

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End Of File

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## Definitions

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## Modifications

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David Mielcarek	4/2/2013	Created
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