ADOBE® PROVISIONING TOOLKIT ENTERPRISE EDITION

TECHNICAL NOTE

Adobe Provisioning Toolkit Enterprise Edition

The Adobe Provisioning Toolkit Enterprise Edition is a command-line tool for supported platforms that helps you track and manage *serialization* of Adobe® products that you have deployed using the Adobe Application Manager Enterprise Edition.

This toolkit is available for download from the Enterprise Deployment page on DevNet: http://www.adobe.com/devnet/creativesuite/enterprisedeployment.html

Using the Adobe Provisioning Toolkit Enterprise Edition

Adobe Provisioning Toolkit Enterprise Edition is a platform-specific executable file, `adobe_prtk.exe` in Windows or `adobe_prtk` in Mac OS.

Bring up a DOS command shell in Windows or a Terminal in Mac OS, go to the folder where you have downloaded the executable, and invoke the command per the syntax described in the subsequent sections.

Syntax For Creative Cloud

Serializing a package for enterprise users

The following broad steps are involved in serializing a package for enterprise deployment:

1. The enterprise administrator creates a `prov.xml` file containing the relevant provisioning information. The admin must be connected to the Internet to generate this file.

2. Using the generated `prov.xml` file, the administrator serializes and activates the deployed package on client machines using the volume serialization command.

Generating prov.xml

To generate the `prov.xml` file for products that do not use AAMEE for enterprise deployment, run the following command as admin:

```
adobe_prtk --tool=VolumeSerialize --generate --serial=<serialnum>
[--regsuppress=ss] [--eulasuppress]
[--locales=limited list of locales in xx_XX format or ALL>]
[--provfilepath=<Absolute path to prov.xml>]
```

The generated `prov.xml` file can be consumed to serialize and activate packages already deployed in trial mode.

ARGUMENTS:

`--serial serialNum`	The serial number
`--regsuppress=ss`	Optional; suppresses registration
`--eulasuppress`	Optional; suppresses the EULA prompt

`--locales`	Optional; specify from the limited list of locales in the formal *xx_XX* or *ALL*
`--provfilepath`	Optional; path of the folder where `prov.xml` is created. If this parameter is not specified, `prov.xml` is created in the folder in which APTEE resides.

NOTES AND RECOMMENDATIONS:

◆ You can run this command even if a product is not installed.

◆ Ensure that the machine on which you're running this command is connected to the Internet.

◆ It is recommended that you use the parameter `--regsuppress=ss` to suppress registration while generating `prov.xml` for volume usage.

Volume serializing the package

Administrators can use this command to serialize and activate the deployed packages on client machines:

```
adobe_prtk --tool=VolumeSerialize [--provfile=<Absolute path to prov.xml>]
[--stream]
```

NOTE: This command requires the latest version of Adobe Application Manager. You can download the latest version from http://www.adobe.com/go/applicationmanager/.

ARGUMENTS:

`--provfile`	Optional; absolute path of `prov.xml`. If this argument is not specified, `prov.xml` should be present in the folder in which APTEE resides.
`--stream`	Optional; this option is used by enterprises that use imaging tools to deploy licensed packages on various machines

This command should be run after the `prov.xml` file has been generated.

Starting a trial for products that do not have a user interface

Some products do not have a user interface. For these products, start a trial using the following command:

```
adobe_prtk --tool=StartTrial --leid=LEID
```

where `LEID` is the product's licensing identifier (see "Product identification").

Unserializing a package

Use the following command to unserialize a package:

```
adobe_prtk --tool=UnSerialize --leid=<LEID> [--locale=locale] [--deactivate]
[--removeSWTag]
```

NOTE: This command requires the latest version of Adobe Application Manager. You can download the latest version from http://www.adobe.com/go/applicationmanager/.

ARGUMENTS:

`--leid LEID`	The product's licensing identifier (see <u>"Product identification"</u>).
`--locale locale`	Optional; a locale code. For a list of the codes and the corresponding locales, see <u>"Locale Codes"</u>.
`--deactivate`	Optional; deactivates the corresponding license from the system
`--removeSWTag`	Removes the `SWTag` files.

`SWTag` refers to universal identification tag files for software application titles created as per ISO/IEC standards (ISO/IEC 19770-2). These files enable an accurate, consistent, and automated method for discovery and management of software assets. |

NOTE: The `--deactivate` option removes the `SWTag` files implicitly only if a valid license exists on the system.

Logging

The tools write information about the progress and result of each command to the licensing log:

`oobelib.log`	Location in Windows: `%temp%`
Location in Mac OS: `/tmp/`

Here are the error codes that can be reported if serialization is unsuccessful:

Error Codes

1	Arguments passed in command line are invalid.
14	Unknown error
19	The provXML is missing
20	Loading of permanent activation grace failed (due to malformed xml, corrupt or missing Enigma data, or some other error)
21	Unable to update PCF/SLCache
22	Unable to open a PCF/SLCache session
23	The prov.xml file contains invalid empty tag values
24	Enigma data has serial number of a language different from that of installed product
25	If no product is installed on the target machine or enigma data of serial number could not be decoded
26	PCF file not found
27	Unable to edit the `prov.xml` file
28	Invalid `prov.xml` file specified
29	No matching license found
30	Action not initiated by an admin user
31	Invalid locale specified
32	Invalid SLConfig path
33	Failed to find LEID for serial

Product identification

A serialized product, as installed from a deployment package is uniquely identified by a *licensing identifier* (LEID). Use the LEID to identify the installed products whose serial numbers you want to query or change.

For a list of LEIDs, see:
http://www.adobe.com/go/learn_ccp_ccleids_en

Locale Codes

The following table lists the locale codes that you can use with the unserialize option to remove the serialization only for that locale.

da_DK	Danish
de_DE	German
en_GB	English, International
en_US	English, U.S.

es_LA	Spanish, Latin America
es_MX	Spanish, Mexican
es_NA	Spanish, North America
fi_FI	Finnish
fr_CA	French, Canada
fr_FR	French, France
hr_HR	Croatian
hu_HU	Hungarian
it_IT	Italian
ja_JP	Japanese
ko_KR	Korean
nb_NO	Norwegian
nl_NL	Dutch
pl_PL	Polish
pt_BR	Portuguese, Brazilian
ro_RO	Romanian
ru_RU	Russian
sk_SK	Slovak
sl_SI	Slovenian
sv_SE	Swedish
tr_TR	Turkish
uk_UA	Ukrainian
zh_CN	Chinese, Simplified
zh_TW	Chinese, Traditional