



QAD Adaptive Applications

Install Guide QAD Automation Solutions: Label Printing Services

Introduction
Label Printing Services Package Installation

70-3342-3.3
Label Printing Services 3.3
QAD Enterprise Edition
October 2020

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QAD Inc.

100 Innovation Place
Santa Barbara, California 93108
Phone (805) 566-6000
<https://www.qad.com>

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Label Printing Services Install Guide

Change Summary

Product Name Changes

Starting in September 2019, the new name for QAD’s complete portfolio of products is QAD Adaptive Applications. Additionally, QAD Adaptive ERP is the new name for QAD’s flagship ERP solution. QAD Adaptive ERP includes the functionality previously associated with QAD Cloud ERP and QAD Enterprise Applications - Enterprise Edition, plus the QAD Enterprise Platform and Adaptive UX which resulted from the Channel Islands program. Going forward, the terms QAD Enterprise Applications, QAD Cloud ERP, and Channel Islands will be deprecated but will remain in previous documentation and training materials. QAD’s intention is to—as soon as possible—eliminate the use of the deprecated terms going forward.

Change Summary

The following table summarizes significant differences between this document and previous versions.

Date/Version	Description	Reference
September 2020/Label Printing Services 3.3	Rebranded for version 3.3	--
	Removed support for 2015EE Installation, including QDT-driven installation	--
September 2019/Label Printing Services 3.2, Revision 1	Added text to specify that users must upgrade to 3.1 first before upgrading to 3.2.	--
September 2019/Label Printing Services 3.2	Rebranded for December 2018 3.2 release.	--
March 2019/Label Printing Services 3.1.2	Rebranded for December 2018 3.1.2 release.	--
September 2018/Label Printing Services 3.1	Rebranded for 3.1.	--
May 2018/Label Printing Services 3.0-Rev1	Added Pre-Installation Tasks to Installing LPS using YAB section	page 4
	Added Downloading the Installation Package to the Installing LPS Using YAB section	page 4
	Added instructions for QDT installation	N/A
March 2018/Label Printing Services 3.0	Rebranded for 3.0.	--
	Removed instructions for QDT installation and for uninstalling	--
	Removed instructions to download and extract the package.	--

Date/Version	Description	Reference
	Updated post-installation tasks to reflect the current installation procedure.	page 5
	Added instructions to load field help, import labels and configurations, and load artifacts.	page 5 page 6
November 2016/Label Printing Services 3.0-Rev1	Added text to clarify which installation process requires compiling SAQ programs after you install LPS	--
September 2016/Label Printing Services 3.0	Rebranded for 3.0	--
	Revamped installation chapter 2 so that the format follows the installation flow for other Automation Services products.	--
	Added a section that tells you how to create directories for Label Printing Services to use after you install.	page 6
March 2016/Label Printing Services version 2.0	Revised the Installation Procedure, adding sections using YAB and QDT.	
	Added new chapter Label Printing Services Package Uninstallation	page 13
April 2015/Label Printing Services version 1.2	Rebranded for Label Printing Services 1.2	---
	Minor revisions	---
	Added a section that describes the tasks to preform if the new LPS package contains schema changes	
December 2014/Label Printing Services version 1.1.30.0	Rebranded for Label Printing Services 1.1.30.0	---
	Added a step to installation procedure to verify that the XPath dependencies point to the correct directory	
April 2014/Label Printing Services version 1.1.20.0	Rebranded for Label Printing Services 1.1.20.0	---
March 2014/Label Printing Services version 1.1.14.0	Minor revisions	---
	Revised Installation Procedure	
November 2013/Label Printing Services version 1.0	Not applicable. Initial release of guide	---

Introduction

This chapter discusses Label Printing Services installation topics:

Overview 2

Describes the chapter contents.

Requirements 2

Describes system and software prerequisites you must meet before installing Label Printing Services.

Installation Package 2

Describes the contents of the installation package.

Patches and Customized Programs 2

Describes considerations for previously installed patches and customized programs.

Overview

This chapter discusses Label Printing Services installation requirements, the installation package, and pre-installation preparations.

Requirements

The following sections describe the software and environment and other requirements for Label Printing Services installation.

Software and Environment

You must have the following software and environment to install Label Printing Services software:

- 2016 Enterprise Edition and above
- .NET UI 2.9.5 + CP2 (Cumulative Patch #2)
- Java Runtime Environment (JRE) 1.6 or above
- Progress 11.6 and above
- YAB 1.6 or above

Installation Package

QAD provides the following Label Printing Services installation component: Label Printing Services package (includes schema, data, and source code).

Patches and Customized Programs

The Label Printing Services installation package contains modifications to the existing QAD ERP programs. Therefore, if you applied QAD patches or customizations, it is your responsibility to merge the QAD patch changes, customizations, and any other changes after applying the installation package. QAD does not support customized programs.

Label Printing Services Package Installation

This chapter describes QAD Label Printing Services package installation and post-installation configuration.

Overview 4

Provides an overview of the installation process.

Installation Procedure 4

Provides instructions to install Label Printing Services using YAB.

Post-installation Tasks 5

Describes Label Printing Services configuration following installation.

Overview

The following sections describe how to install the QAD Automation Solutions: Label Printing Services package and how to configure the product after installation.

You install QAD Automation Solutions: Label Printing Services using YAB. The following topics discuss the YAB installation.

Pre-installation Tasks

Important This section only applies when you install Label Printing Services using YAB.

- 1 Choose one of the following:
 - a Back up your databases and supporting environments. To back up all databases, execute the command:

```
yab database-backup
```
 - b To back up a specific database, execute the command:

```
yab database-[INSTANCE]-backup
```

Downloading the Installation Package

Follow these steps to download the installation package:

- 1 Download the add-on .zip file from the QAD Store for the LPS version 3.3 release or from QAD Release Fulfillment.
Filename example: `as-label-print-3.3.0.0.zip`
- 2 Move the selected file(s) to a file system that is accessible from the UNIX host where your Enterprise Edition environment is installed.
<InstallDir>

Installation Procedure

YAB is a configuration management tool you can use to start, stop, reconfigure, and maintain the consistency of your Enterprise Edition environments. Your environment is defined in terms of discrete units, or packages, which you can replace and add as needed.

Note For more information about using YAB, refer to the Installation Guide for your Enterprise Edition version.

Follow these steps to install Label Printing Services using YAB:

- 1 Change to the directory where EE is installed:

```
cd <directory>
```
- 2 Add the packages to the environment:

```
yab -i:<path to packages>/as-label-print-<version Number>.zip
```

For example:

```
yab -i:<path to packages>/as-label-print-3.3.0.0.zip
```



3 Update the configuration.properties file:

For example:

```
packages.as-label-print=3.3.0.0
```

Note Remove references to any prior/earlier Label Print schema and framework versions within the YAB configuration properties files. The schema is now within the module package. The configuration files can be found at:

```
../build/config
```

```
../build/config/system
```

The values within the property files to search for are:

```
label-print=
```

```
label-print-schema=
```

```
label-print-encrypted=
```

```
label-print-unencrypted=
```

```
as-label-print*service-pack=
```

4 Update the environment.

```
yab update
```

5 Proceed to Post-installation Tasks

Post-installation Tasks

The Label Printing Services post-installation tasks consist of the following:

- Locate Artifacts
- Merging Existing Patches and Customizations (QAD patch changes, customizations, and other changes)
- Creating Directories
- Loading Field Help
- Importing Labels and Configurations

Locate Artifacts

The Label Printing Services artifacts can be found at:

```
<DIST_DIR>/as-setup
```

If the directory is not available, it can be found in the package contents under:

```
../build/catalog/packages/as-label-print/nn/nn/nn/nn.
```

This directory contains the label printing version file (version.lps), field help, printer configurations, and so on.

Merging Existing Patches and Customizations

The Label Printing Services installation package contains modifications to the existing QAD ERP programs. If you previously applied QAD patches or customizations, merge the QAD patch changes, customizations, and any other changes.

Creating Directories

After installation, you create LPS directories for QAD Label Printing Services to use. Create the following `lps` directories at the same level as the `mfgpro` installation:

- `output`
- `datasets`
- `templates`

Example

```
lps
lps/output
lps/datasets
lps/templates
```

Important For print and write privileges for the directories, set the mode as `777`.

Loading Field Help

YAB installs the online help when it installs the Label Printing Service software.

If you are required to load the online help file manually, use this procedure to load character-mode online field and procedure help. It does not affect custom help.

- 1 From a single-user EE character session, go to the System Interface menu (36.4) and select Field Help Load (36.4.13.14).
- 2 In Field Help Load, leave Field, Procedure, Status, and Text Type blank.
- 3 Complete the other fields:

Language. Enter an appropriate two-letter language code (such as US for English).

Field Help Load File. Enter the full path to the help data file `lps-fieldhlp.fhd`.

The LPS help data file is located in the `<Dist Dir>/as-setup` folder. Please note that there is restriction on the number of characters that can be entered in this field. If you cannot enter the complete path and file name, copy the `lps-fieldhlp.fhd` file into a temporary directory and then enter the temporary path to the help data file.

Skip loading help with lower status. Enter Yes.

- 4 Press Go to begin the load.
- 5 Exit Field Help Load when the load is finished.

Importing Labels and Configurations

- 1 Locate the folders `datasets`, `templates`, and `labels`, which you created earlier. These destinations will be useful during the import. Examples:
 - `lps/templates`
 - `lps/datasets`
 - `lps/output`



2 Log in to QAD ERP and use the following programs to configure various LPS-related settings:

- Label Config Import/Export (36.13.16.16.4)
 - Import (ALL) : set directory to:
../as-setup/labels/configuration/lps/labelinfo
 - Import (Printer Only) : set directory to:
../as-setup/labels/configuration/lps/printer
 - Import (Format only) : set directory to:
../as-setup/labels/configuration/lps/format

Note The directory being specified to import from must contain the full path to the directory.

