

Oracle Financial Services
Advanced Analytical
Applications Infrastructure
Application Pack

Language Pack Installation &
Configuration Guide

Version 8.0.3.0.0

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DOCUMENT CONTROL

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Version 1.0	Nov 2016	Created document to capture OFS AAI Application Pack (Language Pack) 8.0.3.0.0 Release patch update procedure.
Version 1.1	Sep 2017	Updated the document for Bug 26724143.
Created By: Gitcy/Brijesh	Reviewed By: Jeev/Jayakumar/Suresh	Approved By: Jeev

Executive Summary

This document includes the necessary instructions to install the OFS AAI Application Pack (Language Pack) 8.0.3.0.0 and perform the required post update configurations. The latest copy of this guide can be accessed from [OHC Documentation Library](#).

TABLE OF CONTENTS

- 1 OFS AAI APPLICATION PACK (LANGUAGE PACK) 8.0.3.0.0 RELEASE 4**
 - 1.1 Pre Installation Requirements4
 - 1.2 How to Apply this Language Pack Release?4
 - 1.2.1 GUI Mode Installation..... 6
 - 1.2.2 Silent Mode Installation 10
 - 1.3 Post Installation Configuration 10
 - 1.3.1 Run MLS Utility 10
 - 1.3.2 Install Additional Patch for OFS EMF 10
 - 1.4 User Desktop Settings 11

- 2 REFERENCES 14**
 - 2.1 Supported Language Pack Details..... 14
 - 2.2 Configuration for GUI Mode Installation 15

1 OFS AAI Application Pack (Language Pack) 8.0.3.0.0 Release

This document describes the necessary steps to install/ upgrade and configure 8.0.3.0.0 (Language Pack), and enable the UI of OFS AAI Application Pack in different languages in addition to US-English. The language Packs supported in this release are *Simplified Chinese, Traditional Chinese, French, German, Indonesian, Italian, Japanese, Korean, Portuguese, Russian, Spanish, Thai, French Canada, Arabic, Hebrew, Turkish, and Vietnamese.*

1.1 Pre Installation Requirements

1. OFS AAI Application Pack 8.0.3.0.0 has to be successfully installed before proceeding with this installation.
2. Install the following patch before proceeding with this installation:

OFS AAI Pack Version	Patches/ Instructions
8.0.3.0.0	Download and install patch for BUG # 24953893 : MLS UTILITY FAILS WITH ERROR FOR 'LOCALE_MESSAGE' PROCEDURE FOR 803LP.

3. Check the locale installed.

To check the locale installed, execute the following command:

```
locale -a | grep -i 'en_US.utf'
```

Based on the operating system, the following output is displayed:

- Linux : en_US.utf8
- AIX : EN_US.UTF-8
- Solaris : en_US.UTF-8

1.2 How to Apply this Language Pack Release?

Refer to the following instructions to install the contents of this ML (Language Pack).

1. Login to <https://support.oracle.com/> and search for **24695138** under the *Patches & Updates* tab.
2. Download the Oracle Financial Services AAI Pack v8.0.3.0.0 Language Pack Release archive file from MOS and copy it to your OFSAA server in **Binary** mode.
3. Stop all the OFSAA Services. For more information, see the *Start/Stop Infrastructure Services* section in the [Oracle Financial Services Analytical Applications Infrastructure Installation & Configuration Guide 8.0.2.0.0.](#)

OFS AAI Application Pack (Language Pack) 8.0.3.0.0 Release Installation and Configuration Guide

4. If you have Unzip utility, skip to the next step. or download the Unzip utility (OS specific) and copy it in **Binary** mode to the directory that is included in your PATH variable, typically \$HOME path or directory in which you have copied the language pack archive file.
5. Extract the contents of the OFS AAI Application Pack Language Pack 8.0.3.0.0 archive file using the following command:

```
unzip <name of the file to be unzipped>
```

For example, `unzip OFS_AAI_p24695138_80300_Generic.zip`

Note: In addition to the instruction mentioned in this step, configure the following if you use Oracle Linux/Red Hat Enterprise Linux (RHEL) v7.x:

Navigate to `OFS_AAI/OFS_AAI/bin/` and modify the value for property **Linux_VERSION** to include **7** in the `VerInfo.txt` file and save the changes.

For example, `Linux_VERSION=5,6,7`

6. Grant permissions 755 for Installation and Download directory.
7. Navigate to `OFS_AAI/bin` directory. The Language Pack installation is supported in both **GUI Mode** and **Silent Mode**. Begin the Language Pack installation by executing **Setup.sh** file in either of the following options:
 - `./setup.sh GUI` - The GUI mode of installation requires certain prerequisite configurations to be performed. For more information, see [Configuration for GUI Mode Installation](#).
 - The SILENT mode of installation does not require a simulator.
 - a) Set the installation parameters in `OFS_AAI/conf/Silent.props` file.
 - b) Execute the command `./setup.sh SILENT`. For more information, see the [Silent Mode Installation](#) section.

For information on Language Pack *Code* and its *Properties*, see the [Supported Language Pack Details](#) section.

Note the following:

- An Installation log is generated in the path `OFS_AAI/logs` folder. You can ignore ORA-00942 and ORA-00955 errors in log file. In case of any other errors, contact Oracle Support.
 - You should not use process-interrupting commands like Ctrl+C or Ctrl+Z, which may terminate the process abruptly.
8. Post successful installation of the Language Pack, perform the configurations as explained in the [Post Installation Configuration](#) section.

OFS AAI Application Pack (Language Pack) 8.0.3.0.0 Release Installation and Configuration Guide

9. Delete the existing EAR/WAR file available in `$FIC_HOME/ficweb` folder.
10. Generate **EAR/WAR** file and redeploy the application onto your configured web application server. For more information, see *Appendix C* in the [Oracle Financial Services Analytical Applications Infrastructure Installation & Configuration Guide 8.0.2.0.0](#) available in the OHC Documentation Library.
11. Once the Language Pack has been installed successfully and post installation configurations are done, **restart** all the OFSAA services. For more information, see the *Appendix D* section in the [Oracle Financial Services Analytical Applications Infrastructure Installation & Configuration Guide 8.0.2.0.0](#) available in the OHC Documentation Library

1.2.1 GUI Mode Installation

In GUI mode of installation, you can enter the Installation parameters through the wizard.

To install Language Pack in GUI mode, follow these steps:

1. Execute the `setup.sh` file with argument as `./setup.sh GUI`.

After initialization, the *Introduction* screen is displayed.

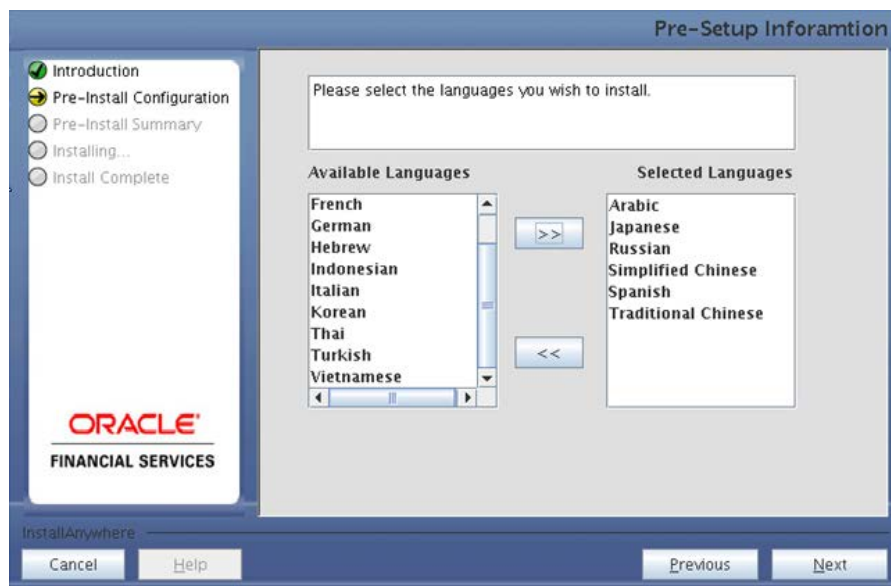


2. Click **Next**. The Pre-Install Configuration screen is displayed.

OFS AAI Application Pack (Language Pack) 8.0.3.0.0 Release Installation and Configuration Guide



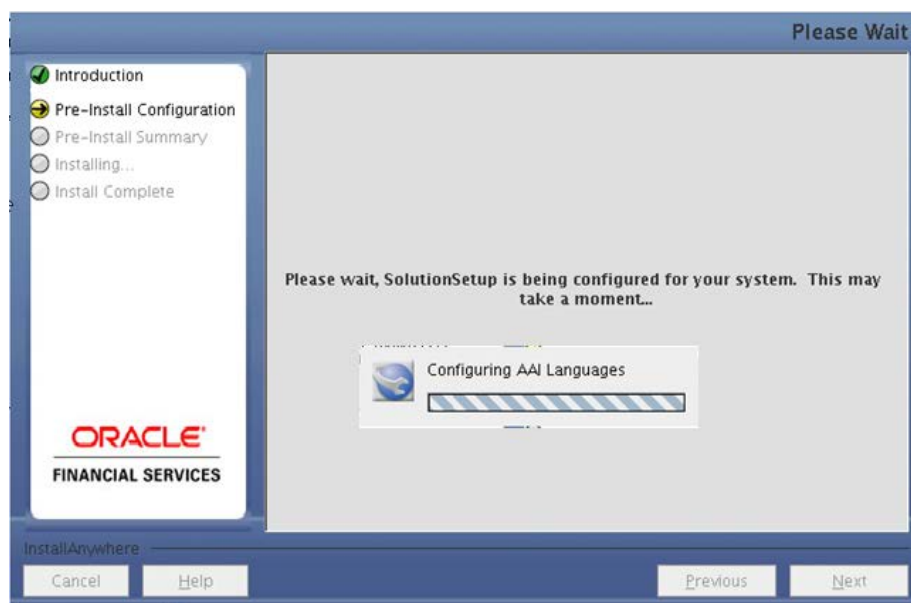
3. Select the type of Log Mode for this installation and click **Next**.



4. Select the languages you want to install and click **Next**. For information on Language Pack Code and its *Properties*, see the [Supported Language Pack Details](#) section.

NOTE: If an existing OFS AAI Language Pack is being upgraded to 8.0.3.0.0, then select the already installed languages along with the ones that you want to install.

OFS AAI Application Pack (Language Pack) 8.0.3.0.0 Release Installation and Configuration Guide



The selected Languages are configured.

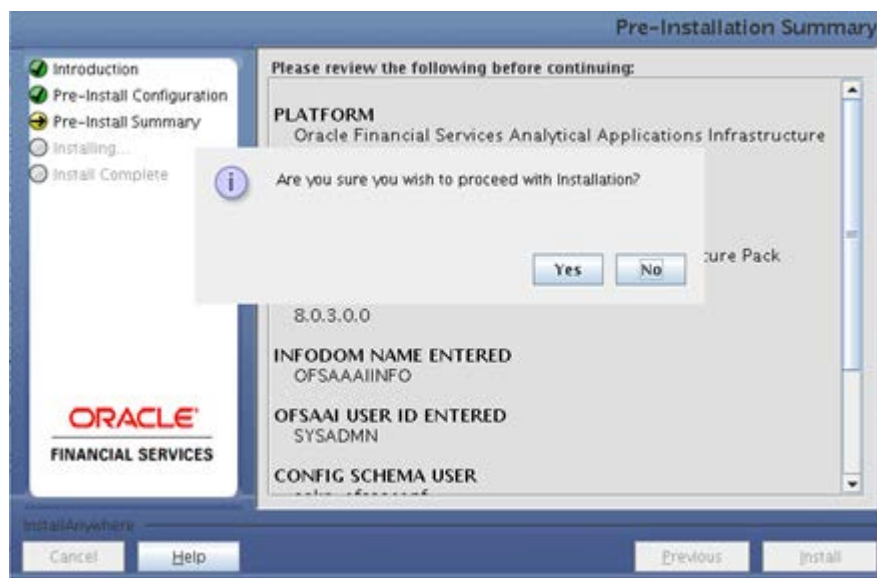
5. Click **Install**.



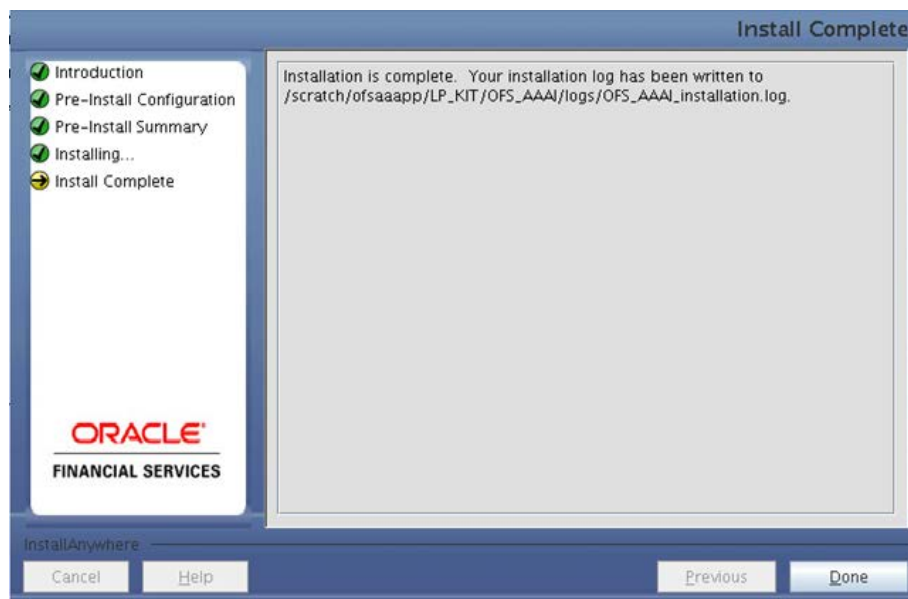
A confirmation message is displayed.

6. Click **Yes** to start the installation process.

OFS AAI Application Pack (Language Pack) 8.0.3.0.0 Release Installation and Configuration Guide



7. After the installation is complete the *Installation Complete* window is displayed.



8. Click **Done**.

OFS AAI Application Pack (Language Pack) 8.0.3.0.0 Release Installation and Configuration Guide

1.2.2 Silent Mode Installation

Modify the `OFS_AAI/conf/silent.template` file to specify the required Language Pack(s) to be installed and save as `Silent.props` file. Set the value to **1** against the desired language to install or **0** to skip installation of the language. You can also set the value **1** against multiple languages.

For example:

`LOCALE_FRENCH=1` to install French Language Pack.

`LOCALE_GERMAN=1` to install German Language Pack.

`LOCALE_CHINESE_SIM=0` to skip the installation of Simplified Chinese Language Pack.

For information on Language Pack *Code* and its *Properties*, see the [Supported Language Pack Details](#) section.

NOTE: If an existing OFS AAI Language Pack is being upgraded to 8.0.3.0.0, then select the already installed languages along with the ones that you want to install.

1.3 Post Installation Configuration

Post successful installation of 8.0.3.0.0 (Language Pack), you need to perform the following configurations.

1.3.1 Run MLS Utility

1. Execute the **MLS Utility**.
2. Navigate to `$FIC_HOME/Post_AAI_Migration` directory.
3. Execute the following command:
`./aaipi.sh`

For more information, contact Oracle Support.

NOTE: This step is required to be executed every time a new language is installed until the next release of OFS AAI Application Pack Language Pack is available.

1.3.2 Install Additional Patch for OFS EMF

Install the following patch after installation if OFS EMF is enabled:

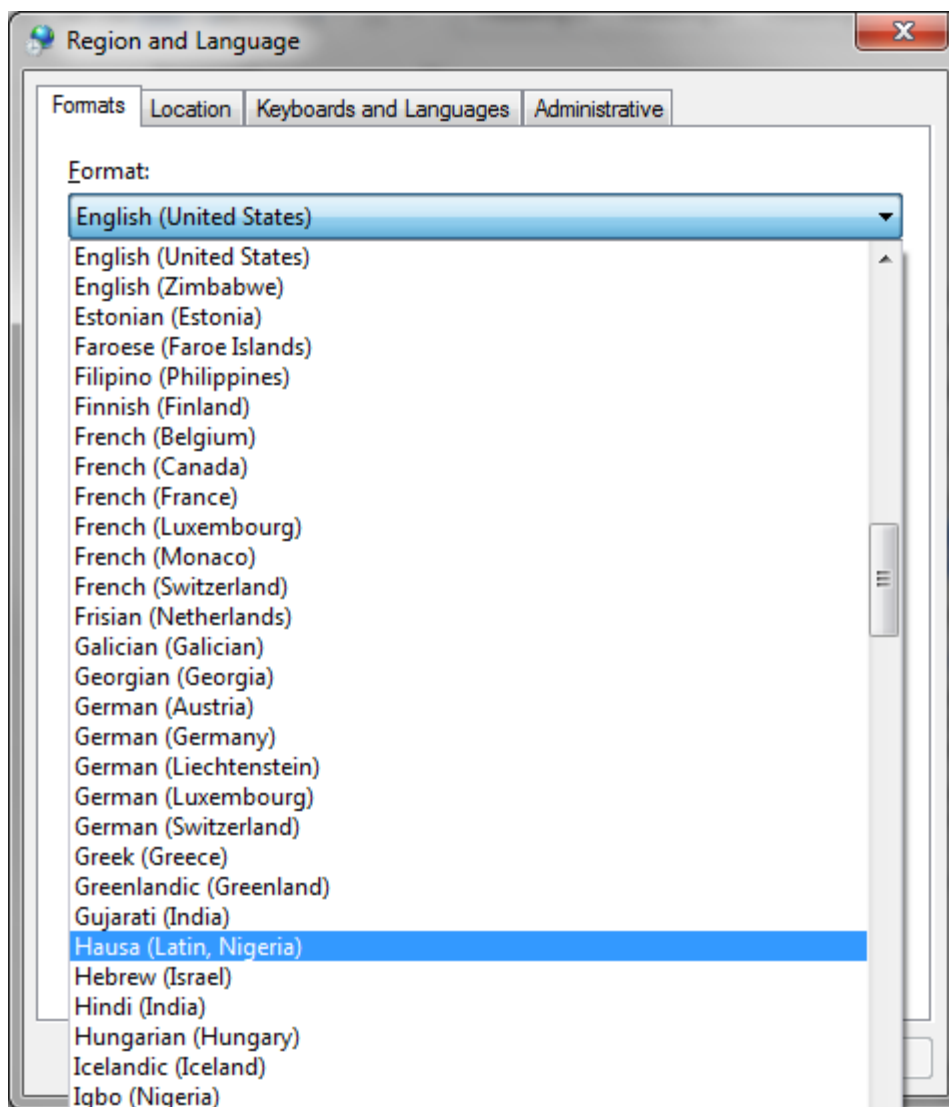
OFS AAI Pack Version	Patches/ Instructions
8.0.3.0.0	Download and install patch for BUG # 24813803 : IN CHINESE, EXEC OF R MODELS, THOUGH SUCCESSFUL, DISPLAYS FAILURE MESSAGE IN UI.

1.4 User Desktop Settings

Post successful installation of Language Pack, you need to configure the Operating System and Browser on every User Desktop, prior to accessing the OFSAA application.

To enable the settings in Operating System level, follow these steps:

1. Navigate to **Start**; click **Control Panel** select **Regional and Language** options.
2. Under the **Formats** tab, choose the desired language from the drop-down list for Language for non-Unicode programs.



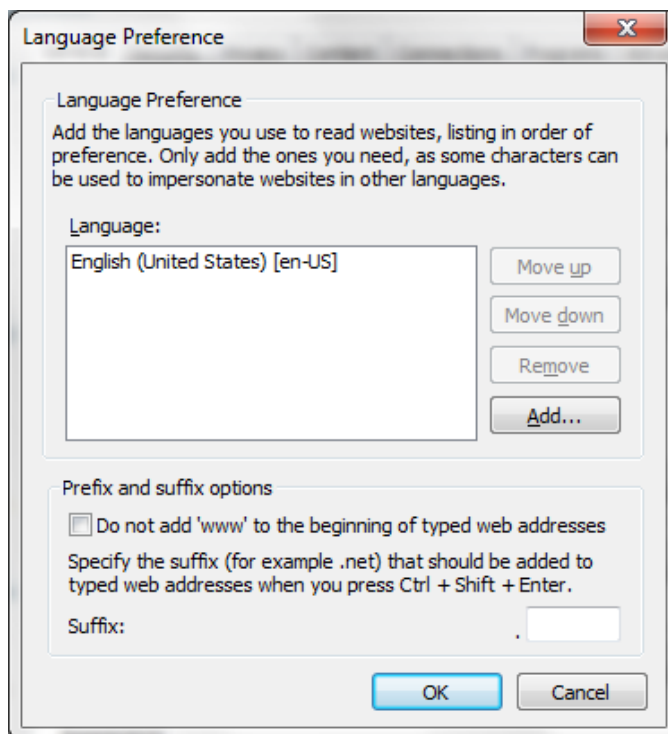
For information on Language Pack *Code* and its *Properties*, see the [Supported Language Pack Details](#) section.

OFS AAI Application Pack (Language Pack) 8.0.3.0.0 Release Installation and Configuration Guide

3. Click **Apply** and click **OK**.

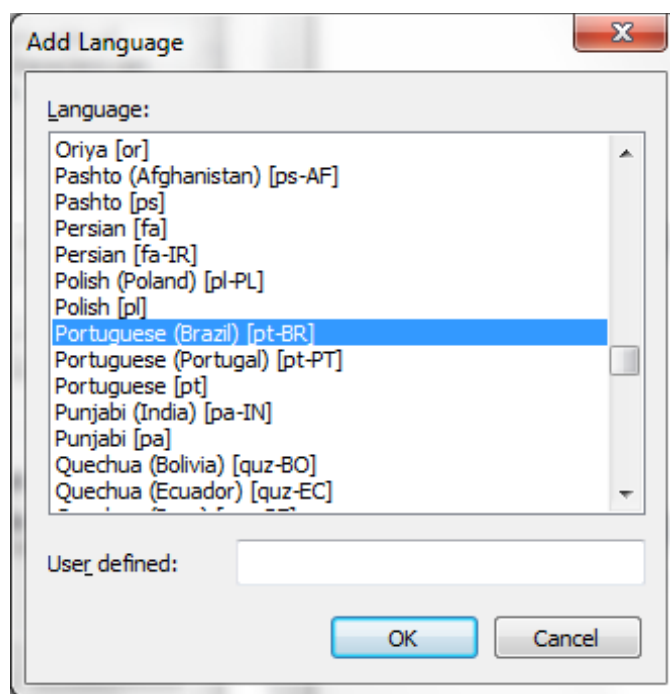
To enable the settings in Browser (Internet Explorer), follow these steps:

1. Navigate to **Tools > Internet Options**.
2. Under the **General** tab, Click **Languages**. The Language Preference window is displayed.



3. Click **Add**. The *Add Language* window is displayed.

OFS AAI Application Pack (Language Pack) 8.0.3.0.0 Release Installation and Configuration Guide



4. Select the installed Language Pack from the list. You can press and hold **Ctrl** key for multiple selections. For information on Language Pack *Code* and its *Properties*, see the [Supported Language Pack Details](#) section. Click **OK**.
5. Click **OK** in the *Language Preference* window and again click **OK** in *Internet Options* window to save the settings and exit.
6. Restart the user machine for the above changes to take effect.

OFS AAI Application Pack (Language Pack) 8.0.3.0.0 Release Installation and Configuration Guide

2 References

This section of the document consists of information which is common to all the sections and are referenced wherever required. You can refer to the details based on your need.

2.1 Supported Language Pack Details

The following table lists all the supported languages in OFS AAI Application Pack Language Pack 8.0.3.0.0 release along with their code and properties available for selection.

Sl. No.	Language Pack	Locale	Locale as displayed in “Regional and Language Options” list	Code	Properties 1 = Install 0 = Don't Install
1	Simplified Chinese	LOCALE_CHINESE_SIM	Chinese (PRC)	zh_CN	0 or 1
2	Traditional Chinese	LOCALE_CHINESE_TRAD	Chinese (Taiwan)	zh_TW	0 or 1
3	French	LOCALE_FRENCH	French (France)	fr_FR	0 or 1
4	German	LOCALE_GERMAN	German (Germany)	de_DE	0 or 1
5	Indonesian	LOCALE_INDONESIAN	Indonesian	id_ID	0 or 1
6	Italian	LOCALE_ITALIAN	Italian (Italy)	it_IT	0 or 1
7	Japanese	LOCALE_JAPANESE	Japanese	ja_JP	0 or 1
8	Korean	LOCALE_KOREAN	Korean	ko_KR	0 or 1
9	Portuguese	LOCALE_PORTUGUESE	Portuguese (Brazil)	pt_BR	0 or 1
10	Russian	LOCALE_RUSSIAN	Russian	ru_RU	0 or 1
11	Spanish	LOCALE_SPANISH	Spanish (Spain)	es_ES	0 or 1
12	Thai	LOCALE_THAI	Thai	th_TH	0 or 1
13	Vietnamese	LOCALE_VIETNAMESE	Vietnamese	vi_VN	0 or 1
14	French Canada	LOCALE_CANNDIAN FRENCH	French Canada	fr_CA	0 or 1
15	Arabic	LOCALE_ARABIC	Arabic	ar_EG	0 or 1
16	Hebrew	LOCALE_HEBREEW	Hebrew	iw_IL	0 or 1
17	Turkish	LOCALE_TURKISH	Turkish	tr_TR	0 or 1

2.2 Configuration for GUI Mode Installation

To install OFS AAI Application Pack in GUI mode, you need to ensure the below software and configurations are available:

- Install and configure any PC X Server software such as Open Text Exceed (formerly Hummingbird Exceed) on the user desktop system from which the installation is triggered.
- Configure DISPLAY variable in the user .profile.

Ensure to set the DISPLAY variable (in user .profile) on the system on which OFSAA will be installed to point to the user desktop system where the PC X Server software has been installed.

Syntax:

```
export DISPLAY=hostname:n.n1
```

where hostname is the IP Address/ Host Name of the user desktop system and n is the sequence number (usually 0).

For example, 10.11.12.13:0.0 or myhostname:0.0



**OFSAAI Application Pack
Language Pack Installation and Configuration Guide**

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