Logical Outcomes

LS-DHIS2 LimeSurvey Plugin

Technical Documentation

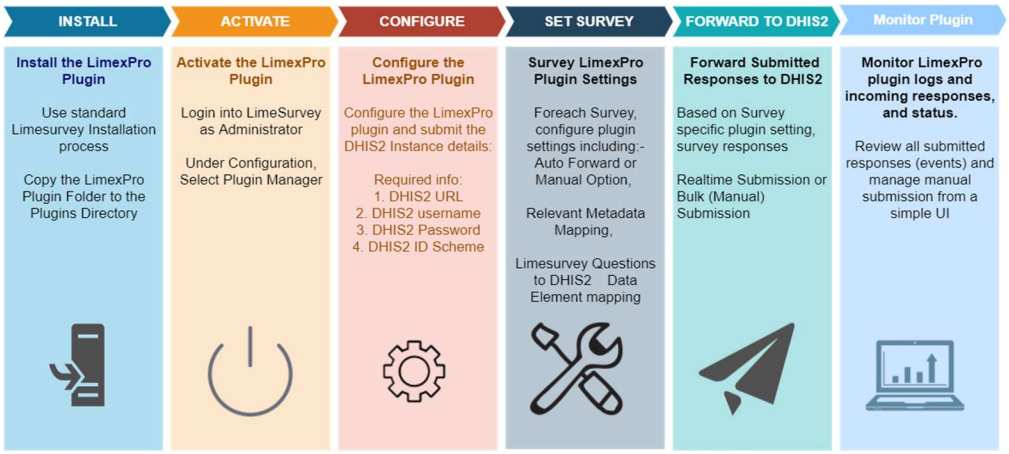
Introduction:

This document provides a brief guide to both systems administrators and end users through the process of installing and configuring LS-DHIS2 Limesurvey plugin in a Limesurvey Instance. Some knowledge of the working of Limesurvey is required to configure the plugin. The LS-DHIS2 plugin provides an interface to point to a DHIS2 instance and map all required metadata and data elements to LimeSurvey survey questions. Below shows a brief mapping idea for Integrating Limesurvey Surveys and a DHIS2 Tracker program.

LimeSurvey	LS-DHIS2 Plugin	DHIS2
1 Survey		1 Tracker Program
		1 Tracked Entity Instance
		1 Program Stage
		1 Attribute Option Combo
1Respondent Organization		1 Organization Unit
Responses		Events
Survey Questions		Program Stage Data Elements

Table 1: Conceptual Mapping of LimeSurvey and DHIS2 Tracker Program

This document describes how to install the plugin, and perform routine configurations to a survey sent out. The plugin also provide an

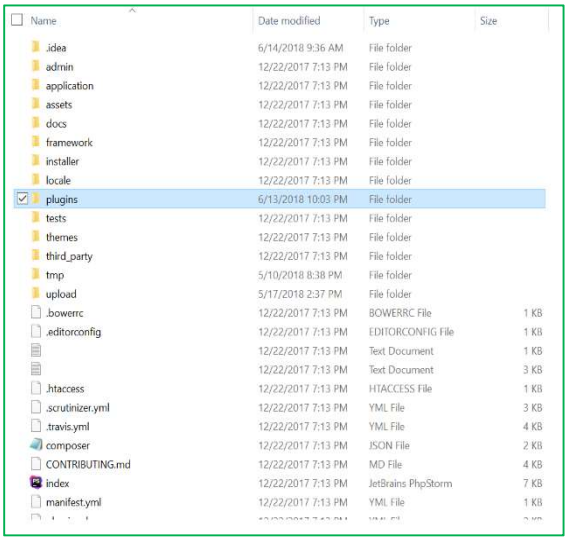


interface to monitor all incoming and sent survey responses from LimeSurvey to DHIS2.

Figure 1: Sumarised Plugin Installation and configuration Process

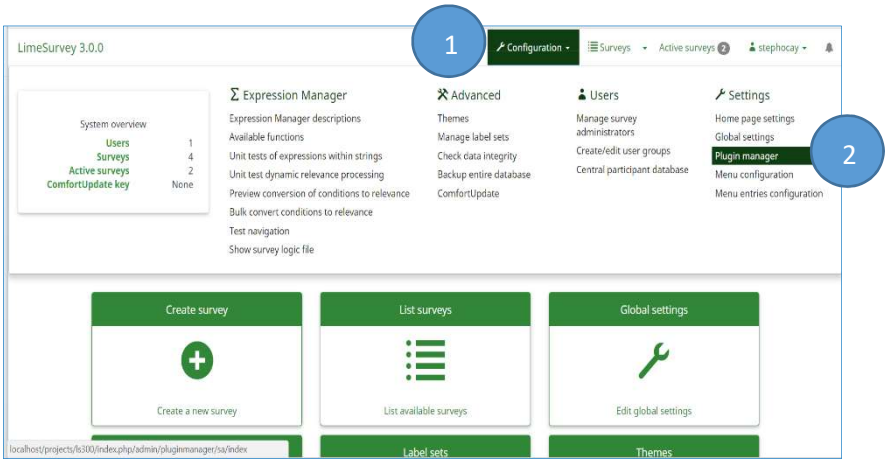
Simplified Installation Steps

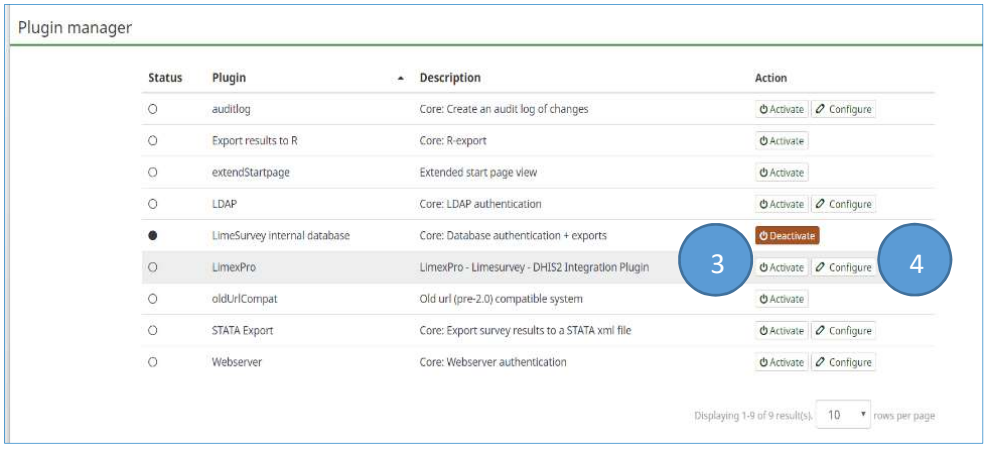
- **Ensure you have access right (Read/Write) Permission to the LimeSurvey Installation Directory.**
  You should be able to see directory like that on the right.
- Download the **LS-DHIS2 Plugin** from GitHub and extract it into a Folder Name LS-DHIS2
- Copy the LS-DHIS2 directory to the plugins directory within the Limesurvey installation directory
- On the Web browser, access your LimeSurvey Instance e.g. http://localhost/limesurvey

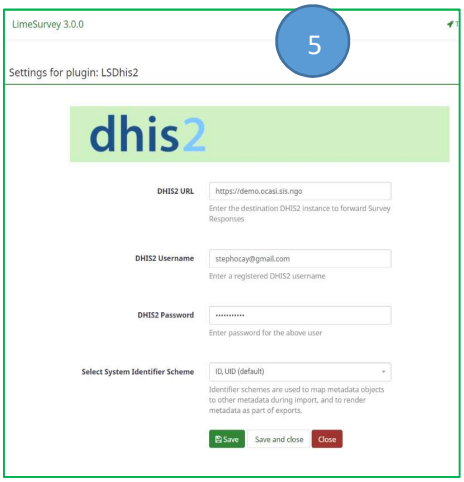


Activate and Configure Plugin

- From the Top Menu Bar, Click on Configuration (1), Select Plugin Manager (2)
- Select LS-DHIS2 Plugin to Active, Click on Active Button (3)
- Click Configure (4) to set the required parameters. See 5



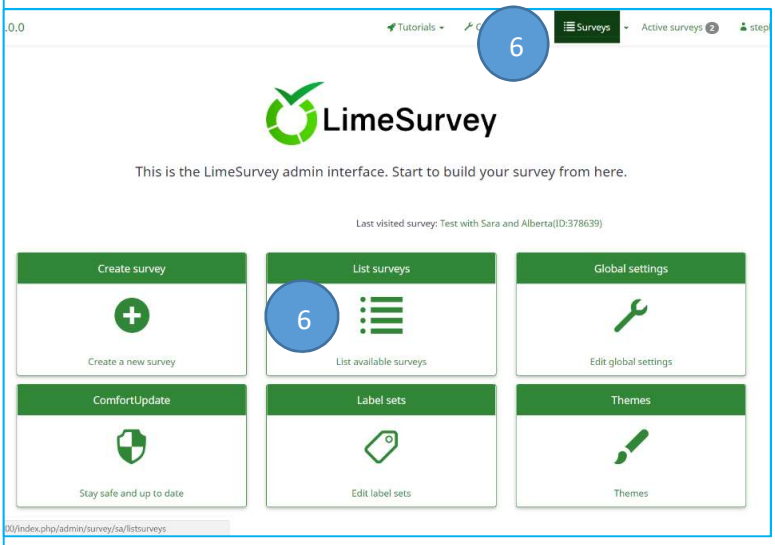


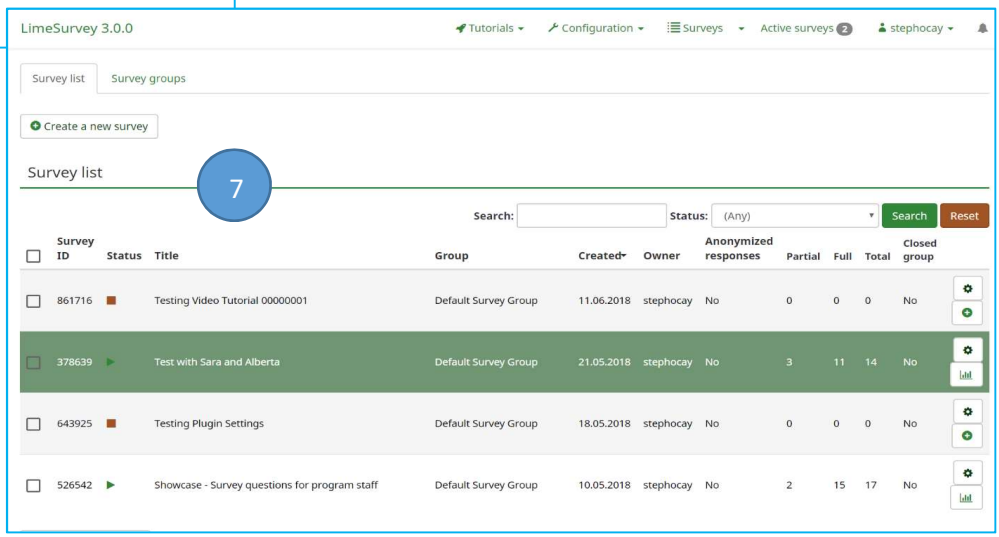


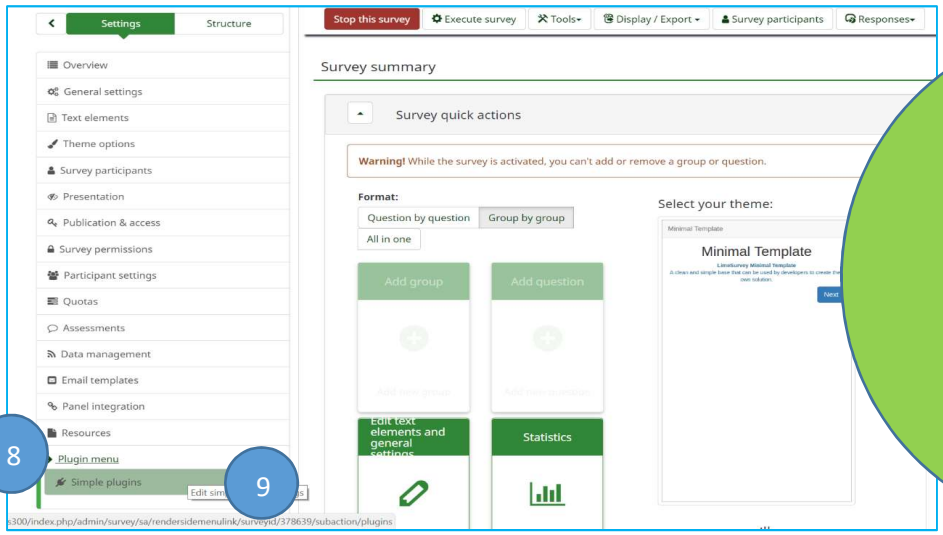
Logical Outcomes

Manage Survey
Specific Plugin Settings

- From the Top Menu Bar, Click on Surveys or List Surveys from home page (6),
- Select a Survey to configure by clicking on a row from the list (7)
- On the Settings Pane, Click on Plugin menu (8) and Simple plugins (9)
- Select Settings for LS-DHIS2 from the list (10) by clicking.
  This action will expand the forms(11) for providing all the required mapping
  a. *Metadata Mapping from DHIS2*
  b. *Questions to Data elements Mapping*



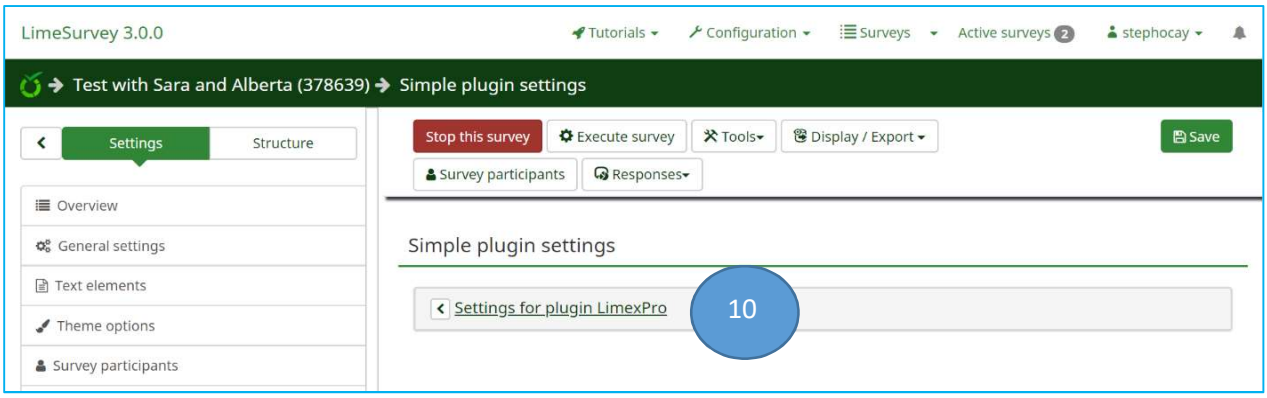


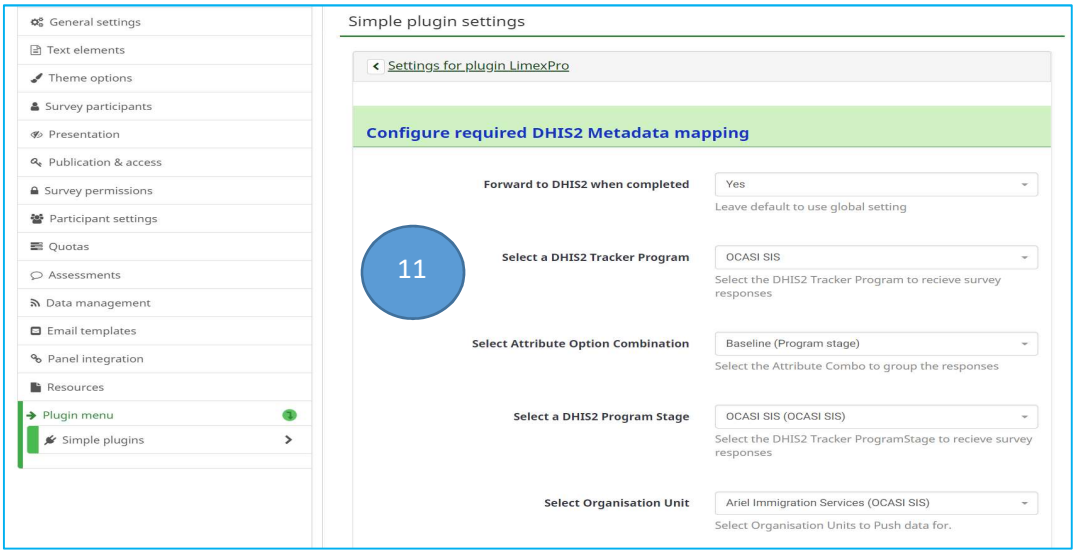


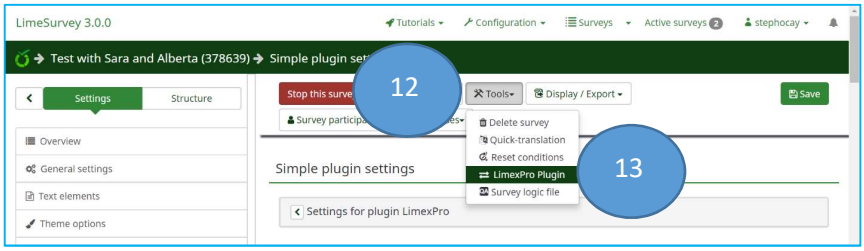
Compatibility issues:

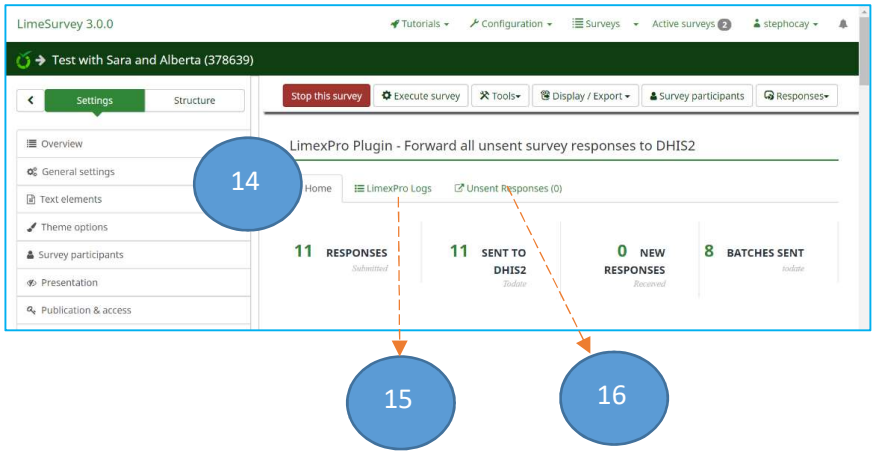
LS-DHIS2 Plugins works with LimeSurvey 2.6.4+ and DHIS2 2.26+

TESTED with LS 3.0.0 and DHIS2 2.29









Monitor Responses

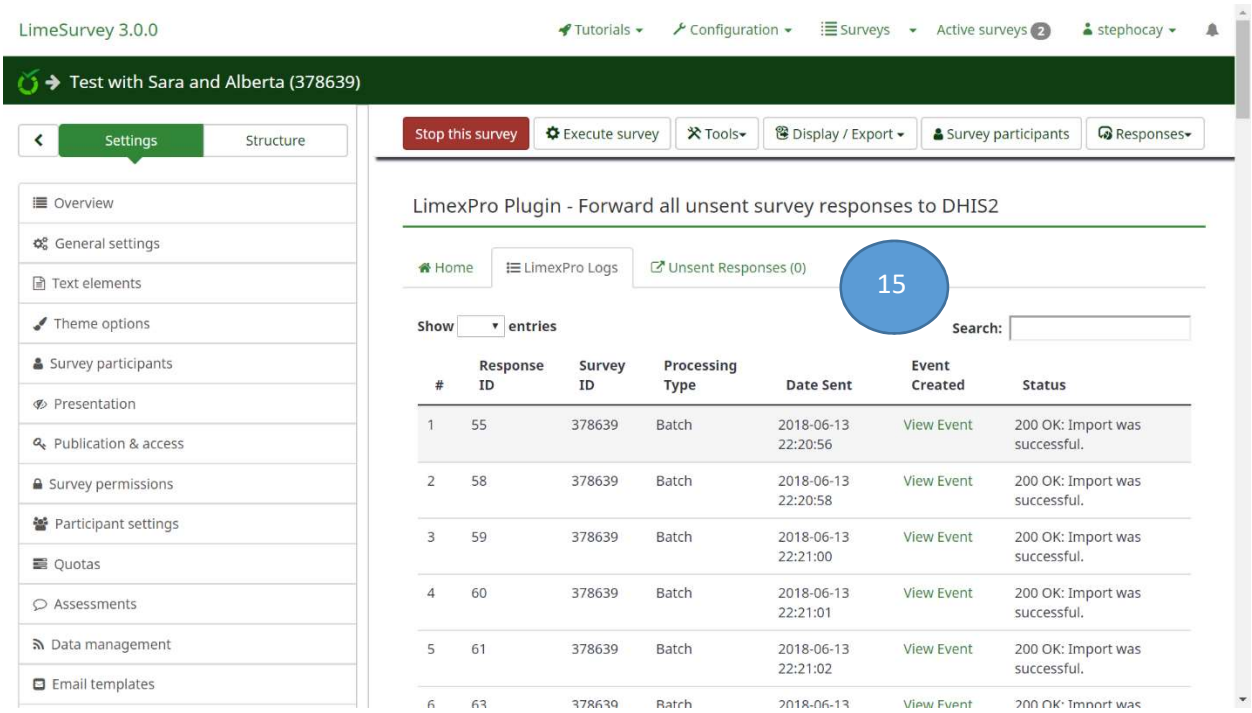
- From a Survey page, select Tools (12) and then LS-DHIS2 Plugin (13). See right

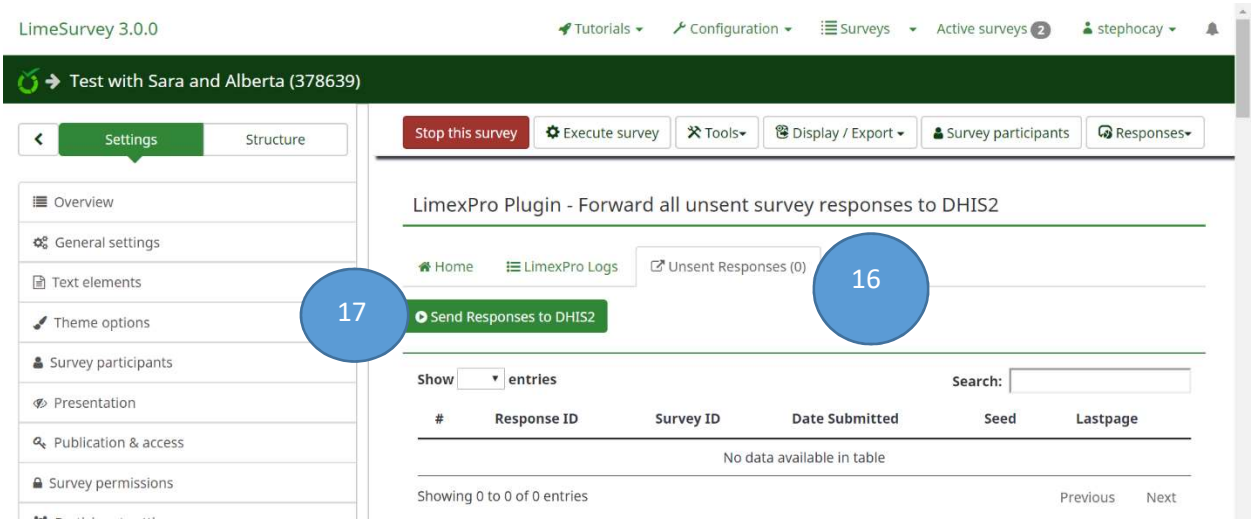
A page will open that will show you a summary of submitted responses and those forwarded to DHIS2 (14)

To View logs, Click on LS-DHIS2 Logs (15)

To View unsent responses and process them, click on Unsent Responses (16). Click send responses to DHIS2 (17) to manually forward responses.

To view an event created in DHIS2, Click on View Event (18)





This XML file does not appear to have any style information associated with it. The document tree is shown below.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