



# **DOCUMENTATION**

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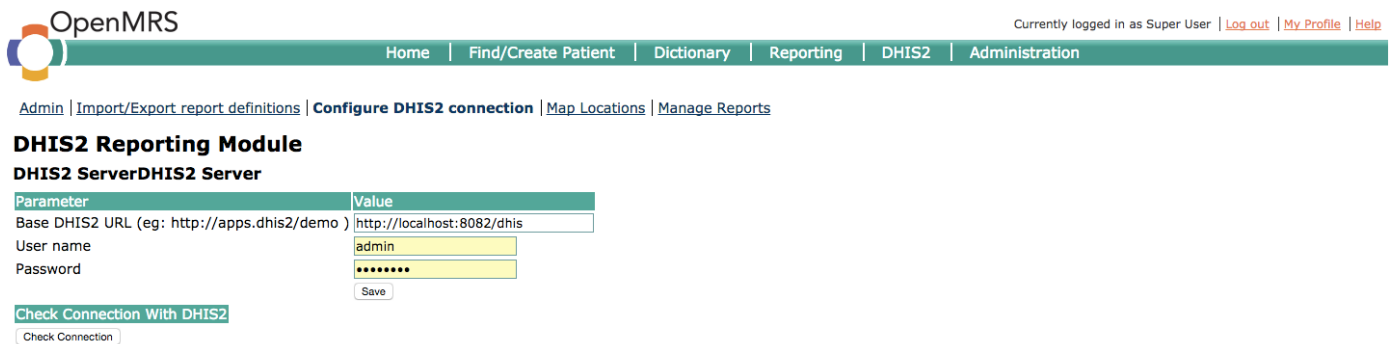
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# 1. Test connectivity of OpenMRS instance with DHIS2 instance.

Once you have installed the DHIS2 Reporting Module and configured the DHIS2 URL, Username, Password, you can test the connectivity of OpenMRS instance with DHIS2 instance by following simple steps.

## Step 1:

Click on “*Configure DHIS2 connection*” tab, you should be able to see the following screen.



OpenMRS Currently logged in as Super User | [Log out](#) | [My Profile](#) | [Help](#)

[Home](#) | [Find/Create Patient](#) | [Dictionary](#) | [Reporting](#) | [DHIS2](#) | [Administration](#)

[Admin](#) | [Import/Export report definitions](#) | [Configure DHIS2 connection](#) | [Map Locations](#) | [Manage Reports](#)

### DHIS2 Reporting Module

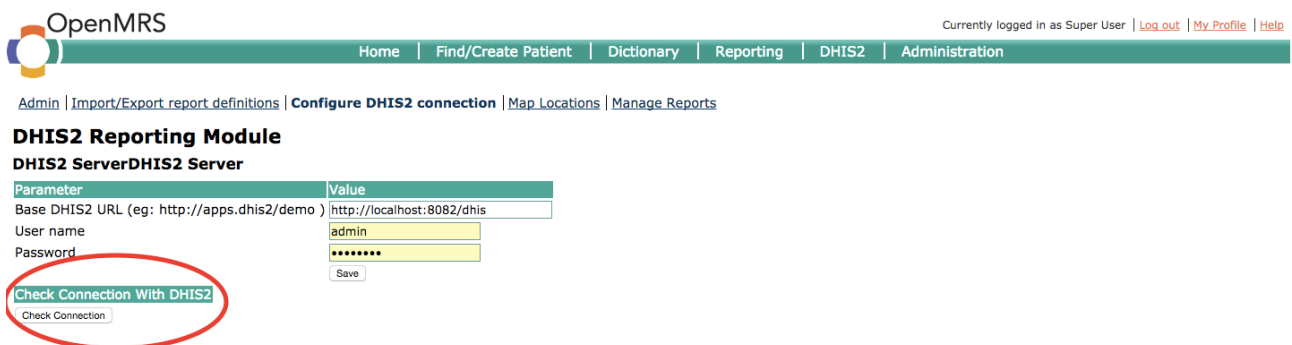
#### DHIS2 Server

Parameter	Value
Base DHIS2 URL (eg: http://apps.dhis2/demo )	<input type="text" value="http://localhost:8082/dhis"/>
User name	<input type="text" value="admin"/>
Password	<input type="password" value="*****"/>

[Check Connection With DHIS2](#)

## Step 2:

Click the “*Check Connection*” Button.



OpenMRS Currently logged in as Super User | [Log out](#) | [My Profile](#) | [Help](#)

[Home](#) | [Find/Create Patient](#) | [Dictionary](#) | [Reporting](#) | [DHIS2](#) | [Administration](#)

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### DHIS2 Reporting Module

#### DHIS2 Server

Parameter	Value
Base DHIS2 URL (eg: http://apps.dhis2/demo )	<input type="text" value="http://localhost:8082/dhis"/>
User name	<input type="text" value="admin"/>
Password	<input type="password" value="*****"/>

[Check Connection With DHIS2](#)

You should be able to see the following if the OpenMRS instance is connected to DHIS2:

The screenshot shows the OpenMRS user interface. At the top, there is a navigation bar with the OpenMRS logo on the left and the text "Currently logged in as Super User" followed by links for "Log out", "My Profile", and "Help". Below the navigation bar, a green banner displays "DHIS2 Server Is Connected." with an information icon. A red arrow points from this banner to a red circle containing the text "OpenMRS is connected to DHIS2". Below the banner, there are navigation links: "Admin", "Import/Export report definitions", "Configure DHIS2 connection", "Map Locations", and "Manage Reports". The main heading is "DHIS2 Reporting Module" and "DHIS2 Server". A table lists parameters for the DHIS2 Server configuration:

Parameter	Value
Base DHIS2 URL (eg: http://apps.dhis2/demo )	http://localhost:8082/dhis
User name	admin
Password	*****

Below the table, there is a "Save" button and a "Check Connection With DHIS2" button. A "Check Connection" button is also visible at the bottom left.

If OpenMRS is not connected to DHIS2 instance then you shall be seeing the following message.

The screenshot shows the OpenMRS user interface. At the top, there is a navigation bar with the OpenMRS logo on the left and the text "Currently logged in as Super User" followed by links for "Log out", "My Profile", and "Help". Below the navigation bar, a red banner displays "DHIS2 Server Is Not Connected." with an error icon. A red arrow points from this banner to a red circle containing the text "DHIS2 is NOT connected.". Below the banner, there are navigation links: "Admin", "Import/Export report definitions", "Configure DHIS2 connection", "Map Locations", and "Manage Reports". The main heading is "DHIS2 Reporting Module" and "DHIS2 Server". A table lists parameters for the DHIS2 Server configuration:

Parameter	Value
Base DHIS2 URL (eg: http://apps.dhis2/demo )	http://localhost:8082/dhis2
User name	admin
Password	*****

Below the table, there is a "Save" button and a "Check Connection With DHIS2" button. A "Check Connection" button is also visible at the bottom left.

### For Troubleshooting the Connection Issue:

There may be two major issues:

1. Incorrect DHIS2 URL, Username, Password.
2. DHIS2 instance is not started.

## 2. Import Report Definitions from DHIS2 instance.

Prerequisite:

DHIS2 instance should be connected to OpenMRS instance.

The list of the Reports can be seen from “*Manage Report*” tab. ( Here we don’t have any report definitions yet!).

[Admin](#) | [Import/Export report definitions](#) | [Configure DHIS2 connection](#) | [Map Locations](#) | **Manage Reports**

### DHIS2 Reporting Module

#### Report Definitions

None

Follow the below mentioned steps to get the report definitions from DHIS2 Instance.

#### Step 1:

Click on the “*Import/Export report definitions*” tab to see the following screen:

[Admin](#) | **Import/Export report definitions** | [Configure DHIS2 connection](#) | [Map Locations](#) | [Manage Reports](#)

### DHIS2 Reporting Module

#### Upload report definitions

Select a reports definition file:  No file chosen

#### Export report definitions

Export as xml:

#### Import Report Definitions

Import Report Definitions as XML:

**Step 2:**

Click on the “*GET REPORT DEFINITIONS*” button:

[Admin](#) | [Import/Export report definitions](#) | [Configure DHIS2 connection](#) | [Map Locations](#) | [Manage Reports](#)

### DHIS2 Reporting Module

#### Upload report definitions

Select a reports definition file:  No file chosen


#### Export report definitions

Export as xml:

#### Import Report Definitions

Import Report Definitions as XML:

On success you should be able to see the following notification:

 Report Template Successfully Uploaded

[Admin](#) | [Import/Export report definitions](#) | [Configure DHIS2 connection](#) | [Map Locations](#) | [Manage Reports](#)

### DHIS2 Reporting Module

#### Upload report definitions

Select a reports definition file:  No file chosen

#### Export report definitions

Export as xml:

#### Import Report Definitions

Import Report Definitions as XML:

To check the imported Definitions, please click on “*Manage Reports*” tab.

[Admin](#) | [Import/Export report definitions](#) | [Configure DHIS2 connection](#) | [Map Locations](#) | **[Manage Reports](#)**

### DHIS2 Reporting Module

#### Report Definitions

1.	MCH Penta dose	Post/Preview	Map Report	Delete
2.	TB Disease Classification	Post/Preview	Map Report	Delete

 Imported Definitions

### 3. Map OpenMRS Location with DHIS2 ORG Units.

Prerequisite:

DHIS2 instance should be connected to OpenMRS instance.

#### Step 1:

Click on “*Map Locations*” tab to map OpenMRS Locations with DHIS2 ORG Units, you should be able to see the following screen( With different OpenMRS Locations and DHIS2 ORG Units, depending on your configurations)

[Admin](#) | [Import/Export report definitions](#) | [Configure DHIS2 connection](#) | **Map Locations** | [Manage Reports](#)

#### DHIS2 Reporting Module

##### Map OpenMRS Locations with DHIS2 ORG UNITS

OpenMRS Locations	DHIS2 ORG Units
Inpatient Ward	Delhi
Map Locations	

##### Mapped Locations

OpenMRS Locations	DHIS2 ORG Units
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If you cannot see any OpenMRS Locations then Please check add the OpenMRS Locations by following simple steps *Administration => Manage Location(Under Location Heading) => Add Locations.*

If you cannot see any DHIS2 ORG Units then there may two things to fix:

1. Ensure DHIS2 Instance is connected to OpenMRS instance.
2. Ensure DHIS2 Instance has ORG Units added.

## Step 2:

Select OpenMRS Locations and DHIS2 ORG Units and then click “*Map Locations*”.

 OpenMRS Location is Mapped to DHIS2 ORG UNIT

[Admin](#) | [Import/Export report definitions](#) | [Configure DHIS2 connection](#) | **Map Locations** | [Manage Reports](#)

## DHIS2 Reporting Module

### Map OpenMRS Locations with DHIS2 ORG UNITS

OpenMRS Locations | DHIS2 ORG Units

Inpatient Ward | Delhi | Map Locations

### Mapped Locations

OpenMRS Locations	DHIS2 ORG Units
Inpatient Ward	Delhi

You should be able to see the Mapped Locations under the Mapped Locations heading.

## 4. View Mapped OpenMRS locations.

[Admin](#) | [Import/Export report definitions](#) | [Configure DHIS2 connection](#) | **Map Locations** | [Manage Reports](#)

## DHIS2 Reporting Module

### Map OpenMRS Locations with DHIS2 ORG UNITS

OpenMRS Locations | DHIS2 ORG Units

Inpatient Ward | Delhi | Map Locations

### Mapped Locations

OpenMRS Locations	DHIS2 ORG Units
Laboratory	Mumbai
Pharmacy	Hyderabad
Inpatient Ward	Delhi

Click on “Map Locations” tab to see all the mapped OpenMRS Locations.