

# NISCAIR, New Delhi

## Koha-3.22 Installation exercise On CentOS 6.4 and above Linux

### Note:

- It has been assumed that full Linux Operating System is installed on the computer and you have active Internet connection.

1. Login as root.
  2. Copy koha-packages folder from pen drive or CD/DVD into /tmp directory
  3. Go to terminal (application --> accessories --> terminal)
  4. Change subdirectory to cd /tmp/koha-packages  
#cd /tmp/koha-packages
  5. Run the script install\_koha1.sh  
#sh/tmp/koha-packages/install\_koha1.sh
  6. Type or copy and paste from /tmp/koha-packages/install\_manually and execute following commands one by one:
    - 6.1 # perl -MCPAN -e shell
    - 6.2 # o conf build\_requires\_install\_policy yes
    - 6.3 # o conf prerequisites\_policy follow
    - 6.4 #o conf commit
    - 6.5 #q
  7. Run the script install\_koha2.sh  
#sh/tmp/koha-packages/install\_koha2.sh Enter  
mysql password = (press enter)  
Likewise **press enter** whenever script asks for any input.
- The installation script will take several minutes for installing software components required for Koha- 3.22
  - Successful installation of all the components will be followed by Koha web installer

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## After installed koha:

## Start web installer

- After restart web server from your browser (on the server of installed KOHA), open `http://localhost:8080/` address from a browser. Make necessary settings from administrator interface.
- *Login with koha user name and password for web installation*



The screenshot shows the Koha Web Installer login page. At the top, there is the Koha logo (a stylized 'k' in a circle) followed by the text 'koha' and 'OPEN-SOURCE INTEGRATED LIBRARY SYSTEM' below it. The main heading is 'Welcome to the Koha Web Installer'. Below this, a paragraph of instructions reads: 'Before we begin, please verify you have the correct credentials to continue. Please log in with the username and password given to you by your systems administrator and located in your koha-conf.xml configuration file.' Underneath, it says 'Please enter your username and password:'. There are two input fields: 'Username:' with the text 'kohaadmin' entered, and 'Password:' with '\*\*\*\*\*' entered. A 'Login »' button is located at the bottom right of the form area.

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## Web Installer › Step 1

You are about to install Koha.

Please pick your language from the following list. If your language is not listed, please inform your systems administrator.

Click Next to continue [Next >>](#)



## Web Installer › Step 1

All dependencies installed.

Please click next to continue [Next >>](#)

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## Web Installer > Step 2

### Database settings:

- *database type* : mysql
- *database name* : koha
- *database host* : localhost
- *database port* : 3306 (probably OK if blank)
- *database user* : kohaadmin

Please click Next to continue if this information is correct



## Web Installer > Step 2

### Database settings:

- *database type* : mysql
- *database name* : koha
- *database host* : localhost
- *database port* : 3306 (probably OK if blank)
- *database user* : kohaadmin

Connection established.

Database koha exists.

User kohaadmin has all required privileges on database koha.

Click Next to continue

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## Web Installer › Step 3

We are ready to do some basic configuration. Please [install basic configuration settings](#) to continue the installation.



## Web Installer › Step 3

### Select your MARC flavour

- Marc21
- Unimarc

Click Next to continue

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## Web Installer > Step 3

### Selecting Default Settings

#### MARC Frameworks: MARC21

#### Mandatory

Default MARC21 Standard Authority types:

Personal Name  
Corporate Name  
Meeting Name  
Uniform Title  
Chronological Term  
Topical Term  
Geographic Name  
Genre/Form Term

*(authorities\_normal\_marc21)*

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*(sample\_libraries)*

- Sample News Items  
*(sample\_news)*
- Sample Notices  
*(sample\_notices)*
- defines default messages for items due, advance notices, and upcoming library events.

*(sample\_notices\_message\_attributes)*

- Defines default message transports for sending item due messages, advance notice messages, and library event messages through email and SMS.

*(sample\_notices\_message\_transports)*

- Sample patrons  
*(sample\_patrons)*
- LIBRARY OF CONGRESS  
NEW YORK UNIVERSITY LIBRARIES  
COLUMBIA UNIVERSITY  
NEW YORK PUBLIC LIBRARY  
SMITHSONIAN INSTITUTION LIBRARIES  
*(sample\_z3950\_servers)*

When you've made your selections, please click 'Import' below to begin the process. It may take a while to complete, please be patient.

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## Web Installer > Step 3

### mandatory data added

- authorities\_normal\_marc21.sql
- class\_sources.sql
- marc21\_framework\_DEFAULT.sql
- message\_transport\_types.sql
- stopwords.sql
- subtag\_registry.sql
- sysprefs.sql
- userflags.sql
- userpermissions.sql

### optional data added



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- Support for field-weighting, relevance ranking, truncation, stemming
- Arbitrarily complex queries
- Can be complex to configure and maintain

## NoZebra (internal Koha indexes)

- Simple to configure and maintain
- Hasn't been tested with data sets larger than 100,000 records
- Does not provide a public (external) z3950 server

Note that, if you choose "Zebra", you must configure Zebra before your catalog searching will work)

## Please Choose:

Nozebra: my catalog is not that large and I want something simple to setup/maintain

Zebra: I have a large catalog, I understand I must configure Zebra after the installation has completed

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Web Installer › Step 3

Installation complete.

Click on Finish to complete and load the Koha Staff Interface.

Finish



Web Installer › Step 3

## Congratulations, Installation complete

If this page does not redirect in 5 seconds, click [here](#).

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**Congratulate for completion of koha installation**

Now login as administrator:



The screenshot shows the Koha login interface. At the top, the Koha logo is displayed with the text "OPEN-SOURCE INTEGRATED LIBRARY SYSTEM". Below the logo, a red error message box reads "Error: Session timed out, please log in again". The login form includes the following fields:

- Username:** A text input field containing "kohaadmin".
- Password:** A text input field containing "\*\*\*\*\*". An arrow points from this field to a separate box containing the password "katikoan".
- Library:** A dropdown menu with "My Library" selected.
- Login »** A button to submit the login information.

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## **IP settings for remotely access koha:**

**Changes required to run KOHA on network IP instead of localhost or loopback address**

**1)** Go to /etc/httpd/conf.d/koha-httpd.conf

```
#gedit /etc/httpd/conf.d/koha-httpd.conf
```

**2)** Search for '127.0.0.1' and 'localhost.localdomain' in the whole file and replace these two terms with your computer's IP.