

# Guide for School Coordinators to install Peer Assessment Software (OKCL's e Vidyalaya OES installer)

# Contents

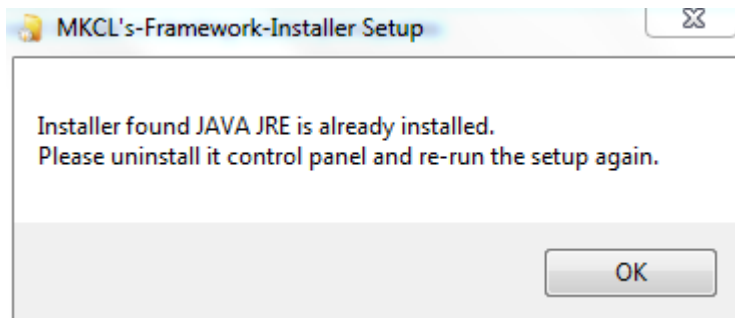
- **Installation** : Installing , Registering/Activating OKCL's e Vidyalaya OES installer, Updating OES
- **Conducting Exam** : Understanding Process of Conducting Exam in OES Software
- **Frequently Asked Questions (FAQs)**

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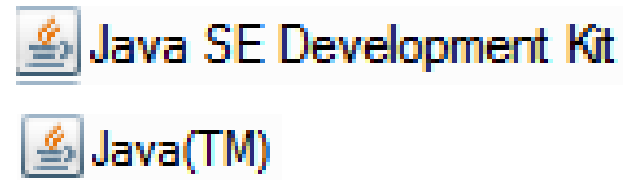
# OES Installation Related Prerequisites Contd.

If you get below type of messages while installing OKCL OES then remove such software's JAVA/JRE/JDK/JAVA SDK from server machine, restart system & try installing again.

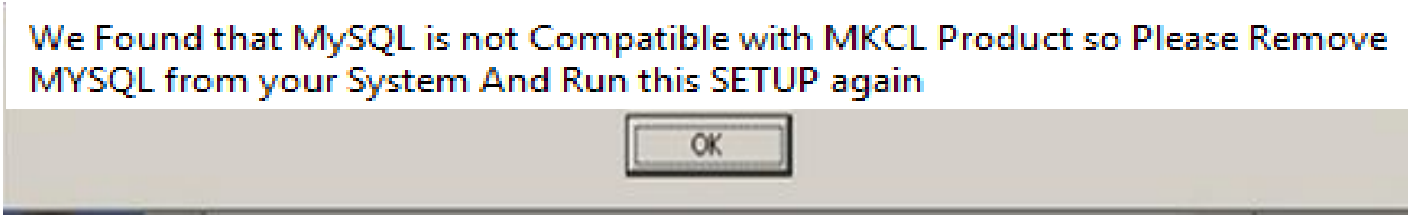
## Message



## Remove



# OES Installation Related Prerequisites Contd.

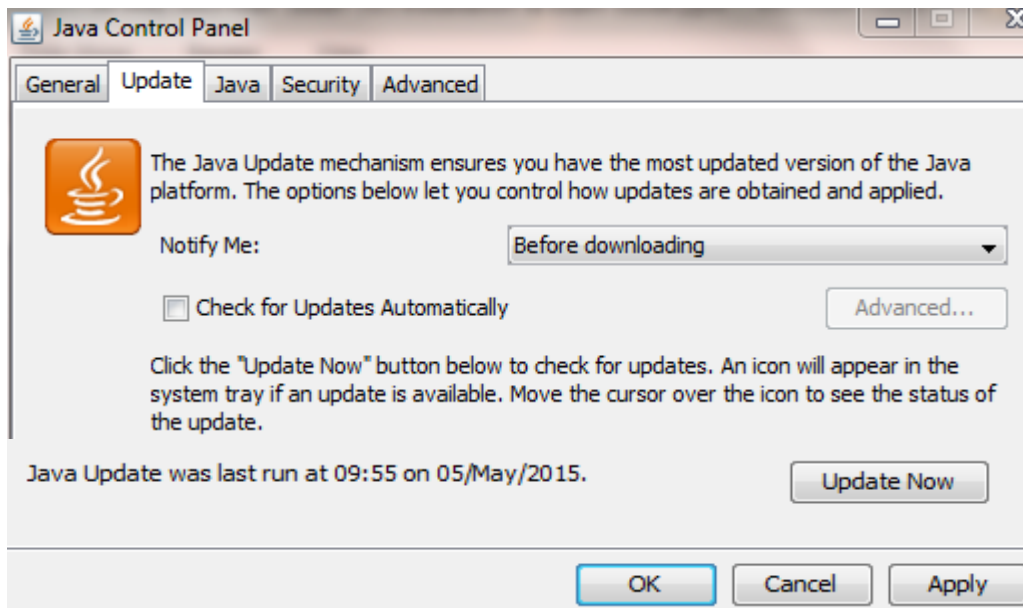
A screenshot of a Windows-style error message box. The text inside the box reads: "We Found that MySQL is not Compatible with MKCL Product so Please Remove MYSQL from your System And Run this SETUP again". Below the text is a single button labeled "OK".

We Found that MySQL is not Compatible with MKCL Product so Please Remove MYSQL from your System And Run this SETUP again

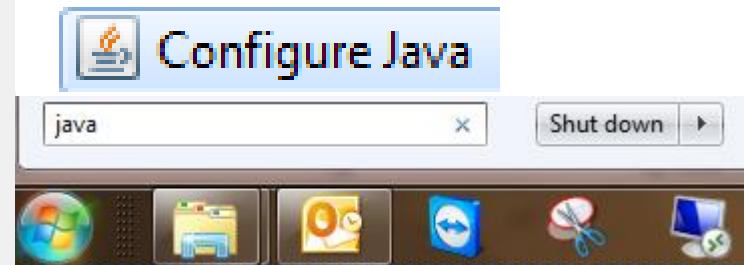
1. If you get above message while installing OKCL OES then remove OKCL OES completely, restart machine & try installing OES again. OES uninstallation/removal steps are given later this guide.
2. Any system restore software's like Deep Freeze etc. should not be installed on the server machine.

# OES After Installation Related Precautions

1. After OKCL OES is installed, don't remove Apache Tomcat 7.0, OKCL OES, My SQL Server 5.5, Java 6 from Control Panel → Add/Remove (Uninstall) Programs.
2. You should not update java on server machine. To disable Java auto update, open Java Control Panel & uncheck "Check for Updates Automatically" & click on apply & OK.



Programs (4)

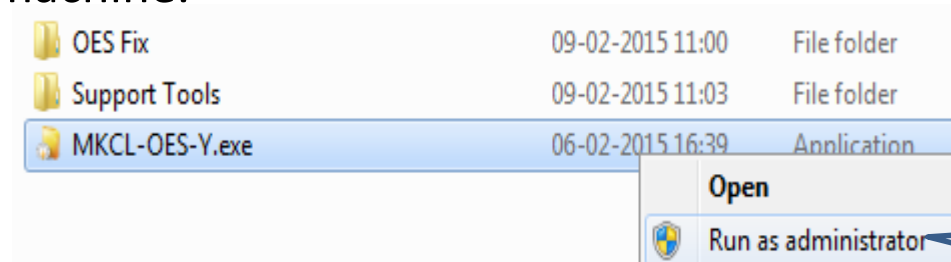


# OKCL OES Installation

You can download & install OKCL OES software on your server machine from installation setup link given below.

(Zip File Size – **190** MB approximately)

After downloading setup, please **unzip** the zip file & install OKCL OES on your server machine.

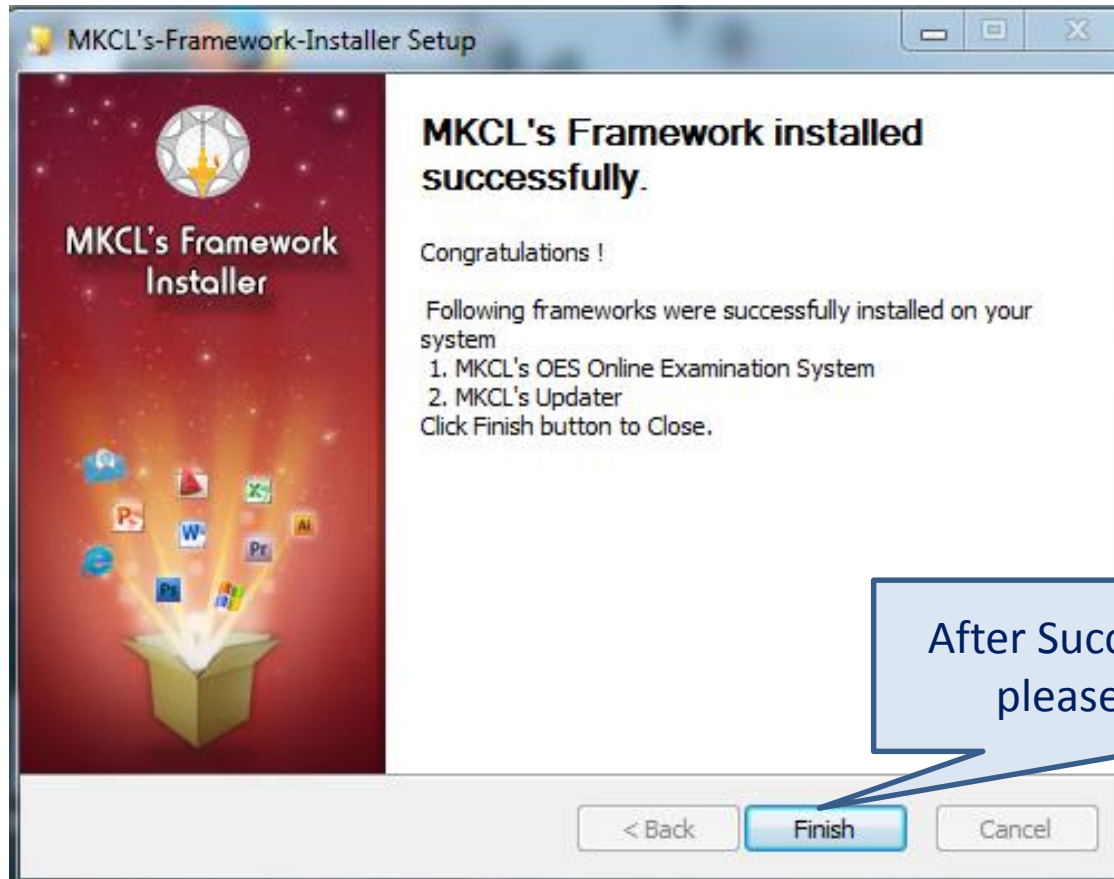


Right Click on OES installer & select Run as administrator. Installation will get start.



Click on **Install**

# Installation Completed



After Receiving above message, **restart** your system

# Verify OKCL OES Installation

After restarting machine, verify OKCL OES installation on server machine. You will see 3 shortcut icons being created on your server desktop namely OKCL's OES, OKCL – Updater & OES-Smart Client. Also in Control Panel → Add/Remove (Uninstall) Programs, you can see Apache Tomcat 7.0, OKCL OES, My SQL Server 5.5, Java 6 programs installed. If you don't see any one or all of these programs in Add/Remove Programs, then uninstall OES completely, restart system & reinstall OES. OES uninstall steps are given in FAQ no. 12



OKCL's OES shortcut is used for **Registering OES & doing Administrator & Candidate Login**. **OKCL Updater** is used to update OKCL OES

Name	Publisher	Installed On
Apache Tomcat 7.0 Tomcat7 (remove only)		27-01-2015
Java(TM) 6 Update 38	Oracle	27-01-2015
Microsoft Security Essentials	Microsoft Corporation	23-01-2015
MKCL - Updater	MKCL	30-01-2015
MKCL OES	MKCL	27-01-2015
Mozilla Firefox (en-US)	FrontMotion	27-01-2015
MySQL Server 5.5	Oracle Corporation	27-01-2015



# OKCL OES : Registration

Before registering/activating OES, ensure that Date, Time of server machine is correct & Time zone of Server Machine is **UTC+05:30 Chennai, Kolkata, Mumbai, New Delhi**. Now, please open OES Administrator page & Register/Activate OKCL OES with your Venue/Center code & Password. Please open this page in **Mozilla Firefox** or **Google Chrome Browser** only.

**OKCL OES**  
Online Evaluation System

Register your Venue

Venue Code

Password

Register

Enter your **Venue Code/Center Code/Username & Password** & click on Register. After OES is registered/activated, please **close the browser** .

**Venue registered successfully !**

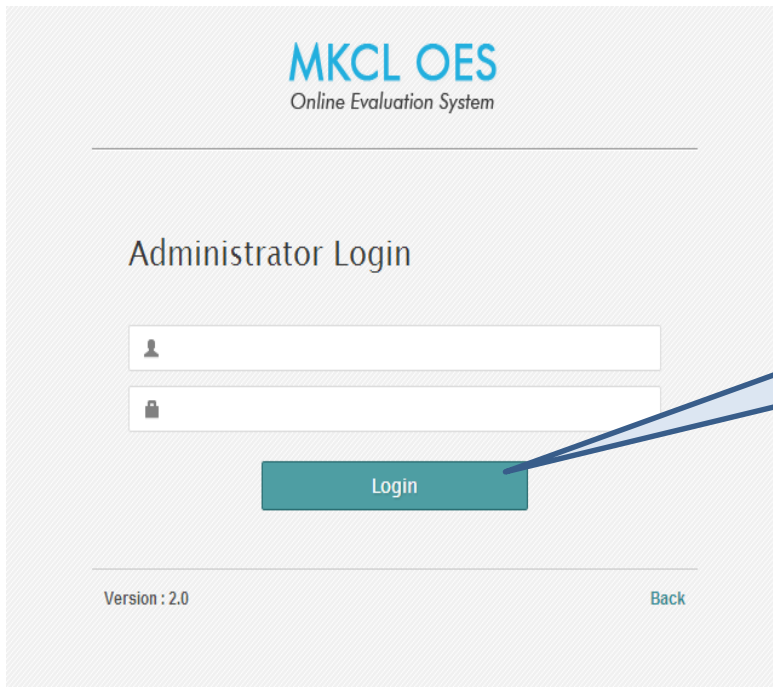
Please synchronize the Event data using Smart-Client software on Exam Server.

On successful registration of OES, you will get success message.

# Understanding Process of Conducting Peer Assessment Exam in OES Software

The next 5 steps will explain how to use OES for conducting Exam.

- On Exam Day, School Coordinators will first have to synchronize/download Exam Data (Exam Papers & Candidates) from Administrator Login
- **Before synchronizing data ensure that Date, Time & Time Zone of the server machine is correct.**
- To download all exam data, please Open **OES** page



The screenshot shows the MKCL OES (Online Evaluation System) Administrator Login page. At the top, the logo 'MKCL OES' is displayed in blue, with 'Online Evaluation System' in smaller text below it. The page title 'Administrator Login' is centered. Below the title, there are two input fields: the first has a user icon and the second has a lock icon. A teal 'Login' button is positioned below the password field. At the bottom left, it says 'Version : 2.0' and at the bottom right, there is a 'Back' link.

Enter your Venue Code/Center Code/Username & Password click on Login

Click on **Synchronize Data**

The screenshot shows a sidebar menu on the left with the following items: Dashboard, Manage Subject Admin, Manage Exam Event(s), Synchronize Data, Change Supervisor Password, and Reset Supervisor Password. The 'Synchronize Data' item is highlighted with a blue callout bubble. The main content area features a dropdown menu labeled 'Exam Event' with 'SSC Practice Test (Paid)' selected. Below the dropdown is a green button labeled 'Click here to Synchronise Data'.

Select **Exam Event** & click on **Synchronize Data**

## Data Synchronisation

The screenshot shows the 'Data Synchronisation' page. At the top, there is a dropdown menu labeled 'Exam Event' with 'eTest' selected. Below it is a green button labeled 'Click here to Synchronise Data'. The main content area is divided into two sections: 'Data Synchronisation Status:' and 'Completed'. The 'Data Synchronisation Status:' section contains the following text: 'Process Started...', 'SELECTED EXAM EVENT: ETEST', 'Establishing connection with server...', 'Connection established successfully.', 'Master Data synchronization', 'Downloading Master data from server...', and 'Master Data downloaded successfully.'.

**Exam Event Data** will start downloading

## Data Synchronisation

Exam Event

eTest

[Click here to Synchronise Data](#)

### Data Synchronisation Status:

Completed

Exam Event data synchronized successfully.  
Verifying data integrity...  
Data integrity verification completed successfully.

### Candidate Data Synchronization

Downloading Candidate data from server...  
Candidate Data downloaded successfully.  
Processing downloaded data...  
Candidate(s) Synchronized successfully.

\*\*\*\*\*  
Data Synchronization Process Completed  
\*\*\*\*\*

After successfully downloading **Data**,  
Exam can be conducted.



## Candidate Login

Login

[Back](#)

Version : 2.0

[Administrator Login](#)

When you open **OKLC's OES** page, then by default **Candidate Login** Page gets opened. To switch to **Administrator** login, click on "**Administrator Login**"

## Administrator Login

Login

Version : 2.0

[Back](#)

Now do **Administrator Login** with your Venue Code & Password & view the Candidate Login Report



Test Scheduler ▾

Backup/Restore ▾

Reports ▾

## Candidate Login Report

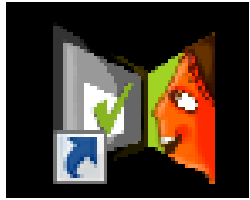
Exam Event

-- Select Exam Event -- ▾

Get Report

Generate PDF

In Admin Login – in **Candidate Login Report**, you can view the Login ID, Password of Candidates.



# Access OKCL OES on Client Machines: Candidate Login

The **OES page** which gets opened from shortcut icon **OKCL' OES** is the same page used for OES - **Candidate Login & Administrator Login**. You can access OES from client machine by entering below URL in address bar of Mozilla Firefox

**http://<<Server Machine Name>>:2020/OES/ (OES is in CAPITAL letters)**

If page is not opening on client machine then please ensure that **Windows Firewall is turned OFF** on server machine.

If still OES page do not open or if client machine is linux then URL will be

**http://<<Server Machine IP Address>>:2020/OES/**

# MKCL OES

Online Evaluation System



## Candidate Login

Login

[Back](#)

Version : 2.0

[Administrator Login](#)

Candidate can now enter his Login ID  
& Password & attempt exam



# Exam Interface

The next page shows the “Exam Window Screen” Interface. Please carefully read & understand the instructions in it to understand the Exam Window Screen.



## Question No. 1

Without using table find the value of

$$\sin 52^\circ - \sin 7 \frac{1}{2}^\circ$$

Options :

- ☐  $\sqrt{2} - \frac{1}{4}$   
☐  $\frac{\sqrt{2}+1}{4}$   
☐  $\frac{\sqrt{2}-1}{2}$   
☐  $\frac{\sqrt{2}+1}{2}$

Save & Next

Time Remaining

09:56

Total number of Questions : 46

☐ Answered    ☐ Not Answered  
 45 Not Visited

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	32	33	34	35
36	37	38	39	40	41	42
43	44	45	46			

Instructions

End Test

For every paper, “End Test” button in Exam Window will be disabled for some time in Candidate’s Examination

Your time is up.

OK

- Exam will get end automatically after stipulated time. Candidate will get “Your Time is Up” message OR if Candidate wishes to end his exam before time then he/she must click on the End Test button to end the examination. Also Candidate should confirm that he/she has attempted all the questions before clicking on End Test button.
- If Candidate closes the exam window before Time Up or without ending the test then his/her result will not be considered.
- In case the Exam window gets hanged then close the window directly & login again.

After the candidates attempt Exam, Administrator will have to Login on server Machine. All Exam attempted Data then will get upload automatically as soon as Administrator's login. Please ensure Internet is connected on server machine. **On all Exam Days, Upload data at regular intervals.**

4

DATA UPLOAD PROGRESS




Please wait while the data is being uploaded

Data Uploading

MKCL OES  
Online Evaluation System

Administrator Login



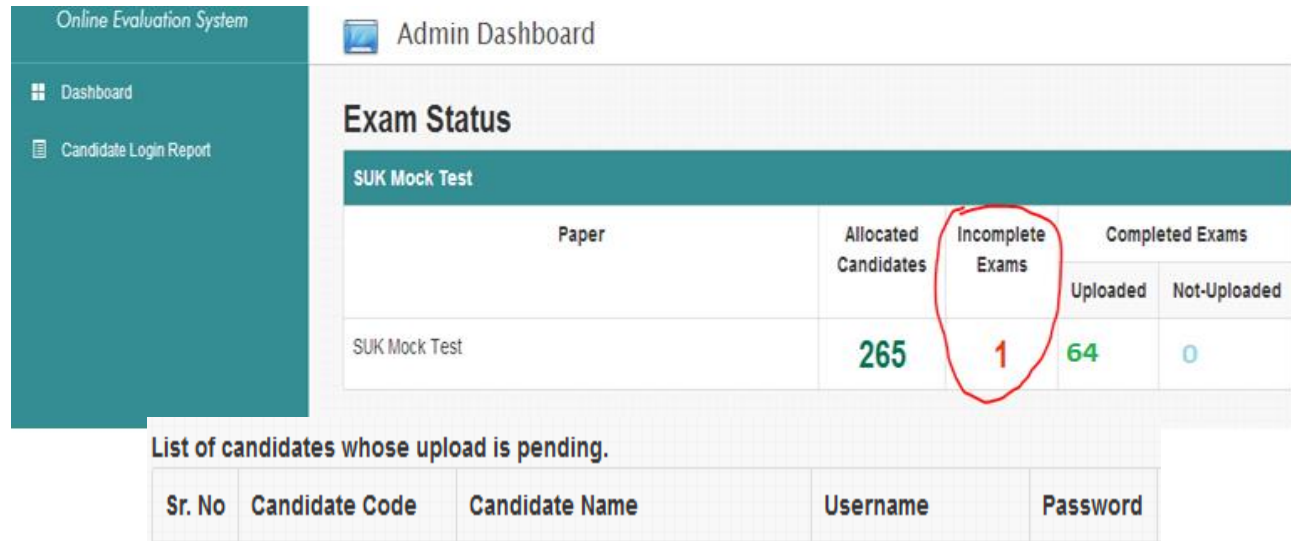


Login

Version : 2.0

[Back](#)

# Ending Incomplete Exam - Administrator Dashboard



The screenshot shows the 'Admin Dashboard' for the 'Online Evaluation System'. Under the 'Exam Status' section for the 'SUK Mock Test', there is a table with the following data:

Paper	Allocated Candidates	Incomplete Exams	Completed Exams	
			Uploaded	Not-Uploaded
SUK Mock Test	265	1	64	0

The 'Incomplete Exams' value '1' is circled in red. Below this table, there is a section titled 'List of candidates whose upload is pending.' with a table containing columns: Sr. No, Candidate Code, Candidate Name, Username, and Password.

- On all Exam Days please regularly check **Admin Dashboard** in Administrator's Login at regular intervals.
- If you get any **Incomplete Exams** count then this means that while attempting that particular exam, **candidate has closed his exam window screen without ending his test or without time up.**
- We can find such candidate details by clicking on the Incomplete Exam count.

- In this case you can ask such candidates to login again & click on **End Test button** to end his exam.
- After ending exam of such candidates, please do Administrator Login, **upload data & check dashboard again.**

Admin Dashboard

### Exam Status

Paper	Allocated Candidate	Incomplete Exams	Completed Exams	
			Uploaded	Not Uploaded
SUK Mock Test	265	0	65	0

DATA UPLOAD PROGRESS

Please wait while the data is being uploaded

Now please Verify that the **Uploaded Count** matches with the **Present count in Attendance Sheet**

If **Incomplete Exams** count is already 0 or turned to 0 after ending exam then this means that all candidates now have finished their exam in correct manner.

# OKCL OES: Taking Database Backup

5

After each exam slot, take OES database backup from Admin Login & save it at safe location (External Storage Device ex- DVD/ Pen Drive / External HDD etc)

The screenshot displays the Admin Login interface with a top navigation bar containing 'Test Scheduler', 'Backup/Restore', and 'Reports' dropdown menus. The 'Database Backup' section is highlighted, showing a 'Click here to Take Database Backup' button. A callout box points to this button with the text 'Click on Take Database Backup'. Another callout box points to the 'Database Backup' option in the 'Backup/Restore' dropdown menu with the text 'Click on Database Backup'. Below the button, a 'Database Backup Status' section shows 'In progress' with a progress bar. A callout box points to the progress bar with the text 'Database Backup file creation gets start'.

Test Scheduler ▾ Backup/Restore ▾ Reports ▾

Database Backup

Click here to Take Database Backup

Click on Take Database Backup

Database Backup

Click here to Take Database Backup

Database Backup Status In progress

Database Backup file creation gets start

[Click here to Take Database Backup](#)

## Database Backup Status

Completed

\*\*\*\*\*  
Process Started...

\*\*\*\*\*  
Database backup in progress

Database backup completed successfully

\*\*\*\*\*  
Database Backup Process completed Successfully.

## Backup History

Sr.No.	Backup File Name	Backup Date	Download
1	37210079_OES_31Jan201535238.sql	31-Jan-2015 03:52:40 PM	<a href="#">Download</a>

After OES database backup file is created, you can download it from download link.

# Exam Day Steps

## Steps to be performed on Exam Day

1. Ensure that **OKCL OES** is updated to latest version through OKCL Updater.
2. Before synchronizing data ensure that **Date, Time & Time Zone** of the server machine is correct.
3. **On Exam Day**, you will have to **Synchronize Data** from Administrator Login.
4. After **synchronizing Data**, you can start Examination at your center.
5. **On All Exam Days, Upload data** from OES Administrator Login from server machine **at regular intervals**.
6. After uploading data, Check **Admin Dashboard**, if any incomplete exams are found then end exams of such candidates & **upload data again**.
7. **On All Exam Days, take database backup daily** after each exam slot & save it at safe location.
8. Verify that **Data Upload count** shown in Dashboard is matching with Present count of Attendance.



# Frequently Asked Questions (FAQs)

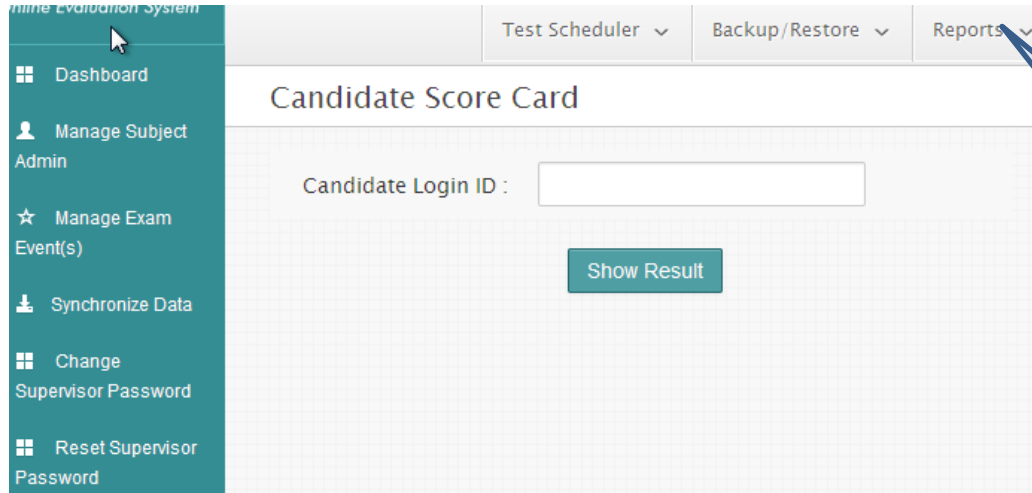
**FAQ 1.** Candidate Login showing “Synchronize Data” Message even after synchronizing Data

Please synchronize the Event data using Smart-Client software on Exam Server.

**Solution:** If you are getting above message even after synchronizing Event & Candidate Data from Smart Client & Candidate Login page not opening then your server machine's Date & Time must be incorrect. Please correct Server machine's Date & Time & open OES page again.

## FAQ 2. Marks Scored not displayed to Candidate

### Solution:

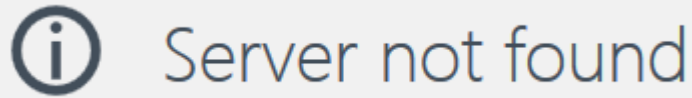


The screenshot shows the 'Candidate Score Card' report interface. On the left is a teal sidebar with the following menu items: Dashboard, Manage Subject Admin, Manage Exam Event(s), Synchronize Data, Change Supervisor Password, and Reset Supervisor Password. The top navigation bar includes 'Test Scheduler', 'Backup/Restore', and 'Reports'. The main content area is titled 'Candidate Score Card' and contains a form with the label 'Candidate Login ID :', an input field, and a 'Show Result' button. A blue callout box points to the 'Reports' dropdown menu.

**Candidate Score  
Card Report**

If for any candidate marks are not shown after exam is over or time up, then you can search the marks for those candidates through “**Candidate Score Card**” Report from Admin Login & **you can show the marks to such candidates.**

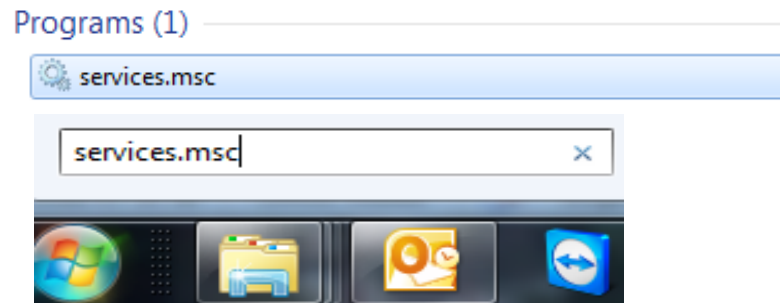
## FAQ 3. OES Page not opening



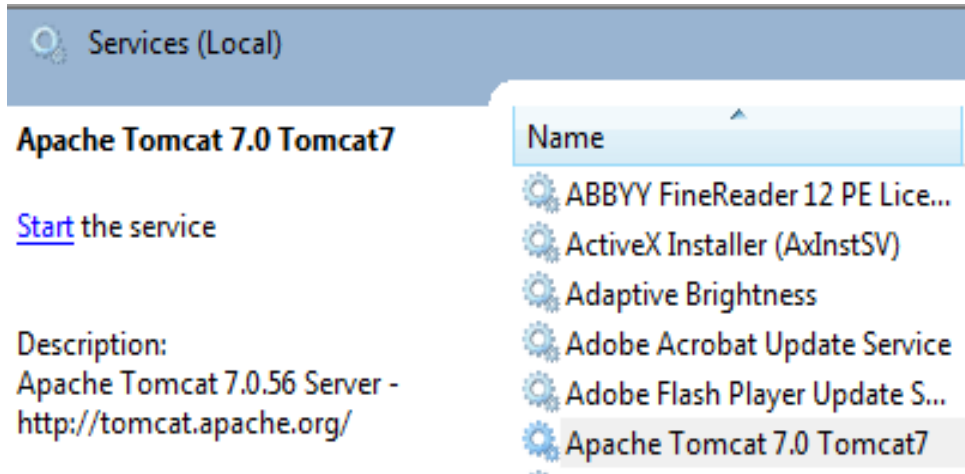
**Solution 1:** Please ensure that Windows Firewall on Server machine is turned OFF. If it is ON then please turn it OFF & check OES page again.

If problem persists then go to **Solution 2.**

**Solution 2:** Open services.msc Window & check that **Apache Tomcat 7** service is in **Start** state.



# FAQ 3 Ctd..

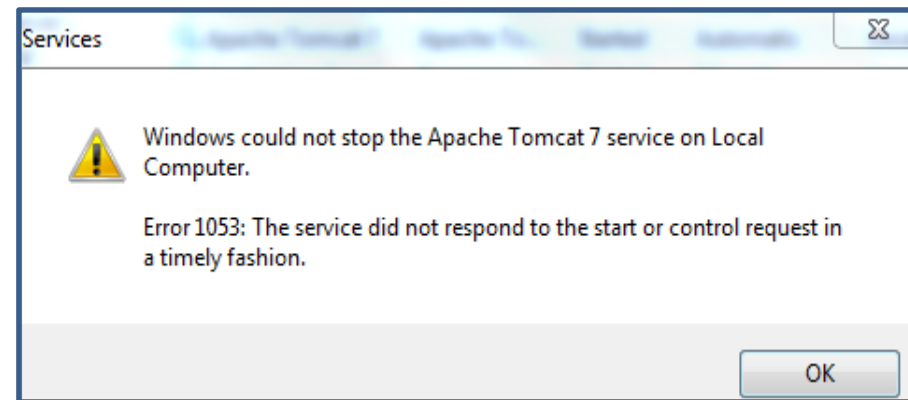


If the service is in **STOP** state then please **Start** it then close OES page & open again. (If you get below error while starting service then check **FAQ 4**)

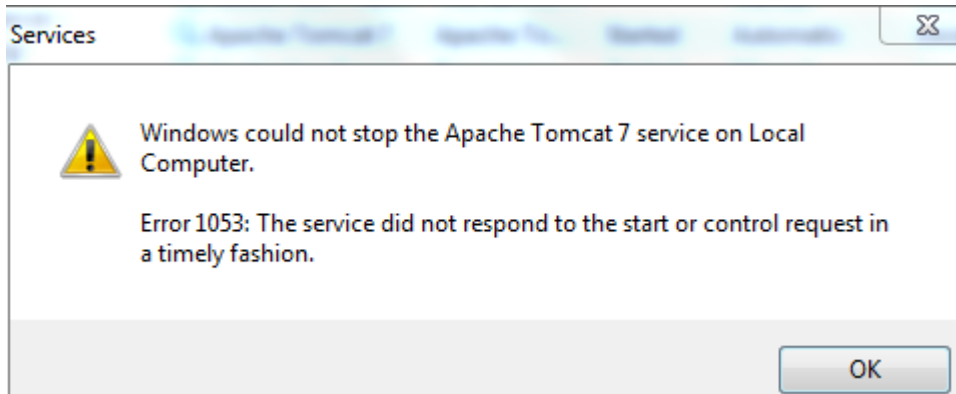
If problem persists then go to **Solution 3**.

## Solution 3:

On OES Page, enter URL as given below & check  
<http://<<Server Machine IP Address>>:2020/OES/>

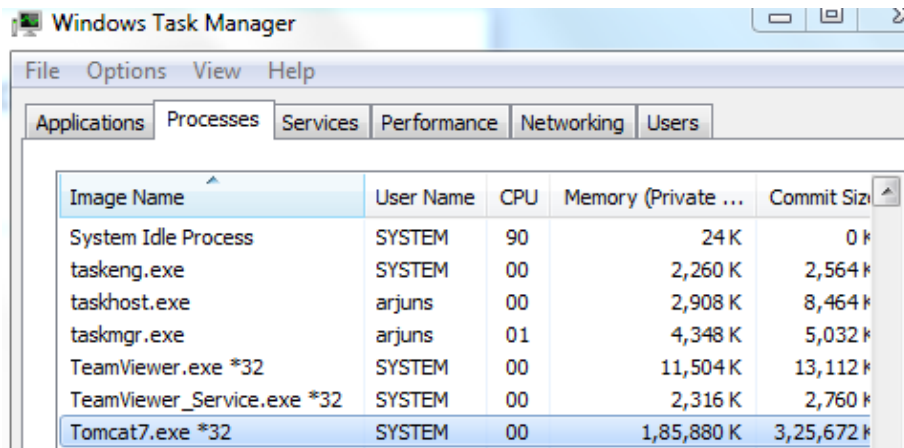


# FAQ 4. Error while starting Apache Tomcat 7 service



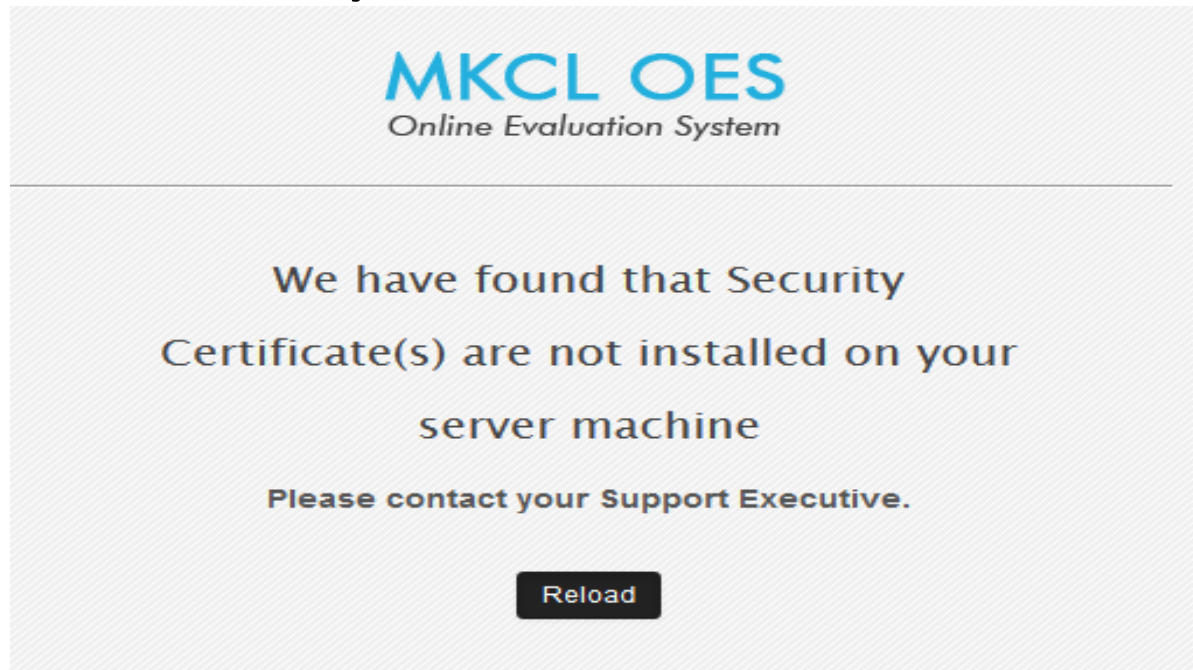
## Solution:

Open Task Manager & End Process **Tomcat7.exe**



Now open services.msc Window again & **Start** service of Apache Tomcat 7

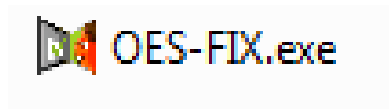
# FAQ 5. Security Certificate not installed



## Solution:

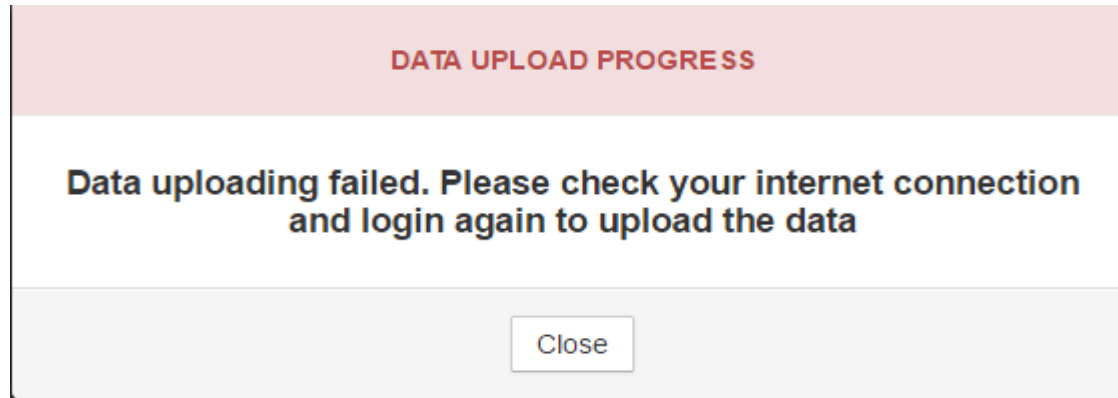
- Ensure that Proxy Internet is not used.

If problem persists then



- Run **OES-FIX. exe** given inside **OES Fix** folder in OES software setup

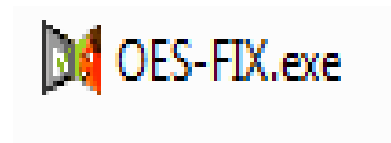
# FAQ 6. Data upload Error



## Solution:

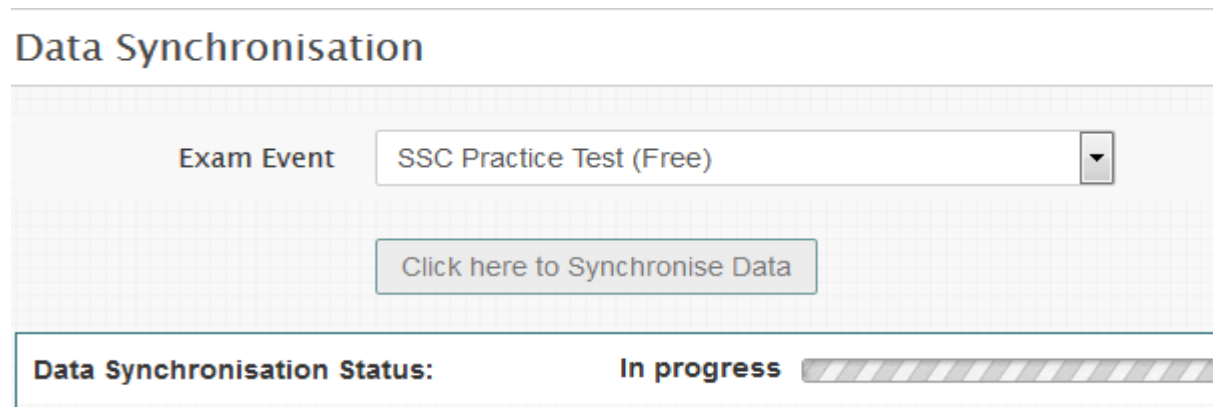
- Logout & try uploading data again after some time.

If problem persists then



- Run **OES-FIX.exe** given inside **OES Fix** folder in OES software setup


# FAQ 7. Data not getting synchronized



Data Synchronisation

Exam Event

[Click here to Synchronise Data](#)

Data Synchronisation Status: In progress 

## Solution:

- Log out & try again after some time
- Also ensure that OKCL OES is updated to latest version by running OKCL-Updater.

Or

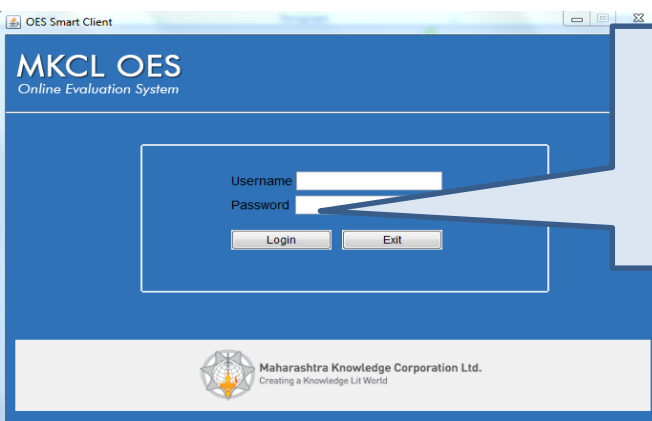
- Open services.msc & ensure MySQLOES service is in start state. If it is stopped then start it & check synchronizing data again.



If problem persists then try downloading data from OES-SmartClient

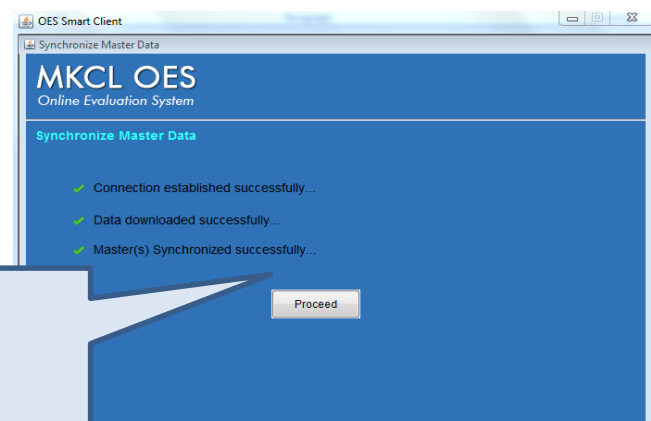
## About OES-SmartClient

OES-SmartClient is a alternative tool for synchronizing data similar to **Synchronize Data** feature in Administrator Login.

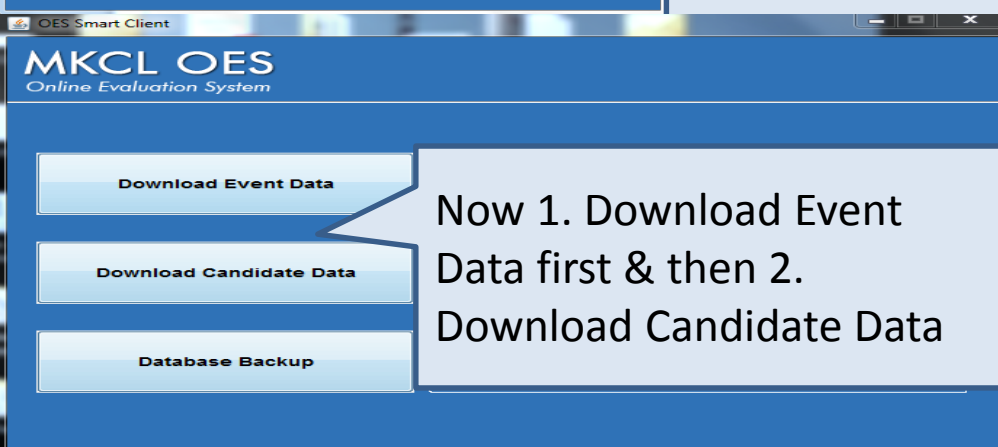
The screenshot shows the OES Smart Client login window. It has a blue header with 'MKCL OES Online Evaluation System'. Below the header is a white box containing 'Username' and 'Password' input fields, and 'Login' and 'Exit' buttons. At the bottom, there is a logo for Maharashtra Knowledge Corporation Ltd. and the tagline 'Creating a Knowledge Lit World'.

Enter your Venue Code/Center Code/Username & Password click on Login

After Login successfully, Click on Proceed

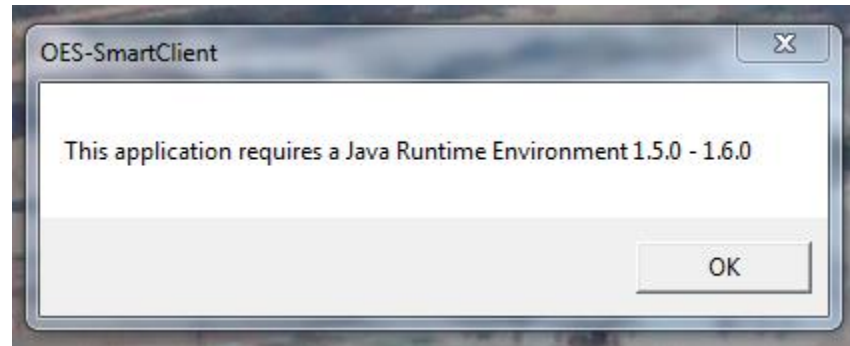
The screenshot shows the 'Synchronize Master Data' window. It has a blue header with 'MKCL OES Online Evaluation System'. Below the header, it says 'Synchronize Master Data'. There are three green checkmarks indicating successful operations: 'Connection established successfully...', 'Data downloaded successfully...', and 'Master(s) Synchronized successfully...'. A 'Proceed' button is at the bottom right.

After successfully downloading **Event & Candidate Data**, Exam can be conducted.

The screenshot shows the main menu of the OES Smart Client. It has a blue header with 'MKCL OES Online Evaluation System'. Below the header, there are three buttons: 'Download Event Data', 'Download Candidate Data', and 'Database Backup'.

Now 1. Download Event Data first & then 2. Download Candidate Data

# FAQ 8. Error while opening smart client



## Solution:

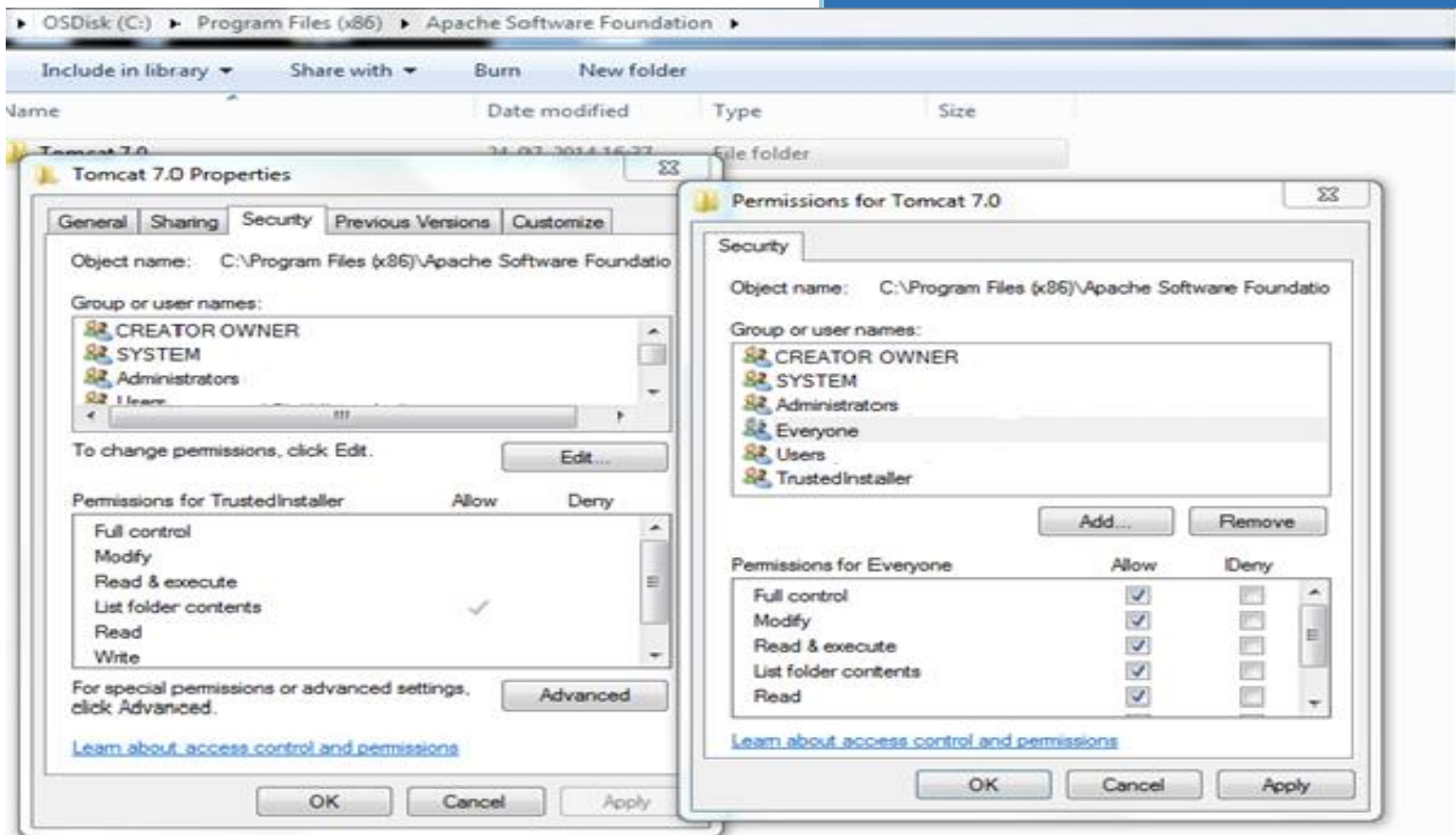
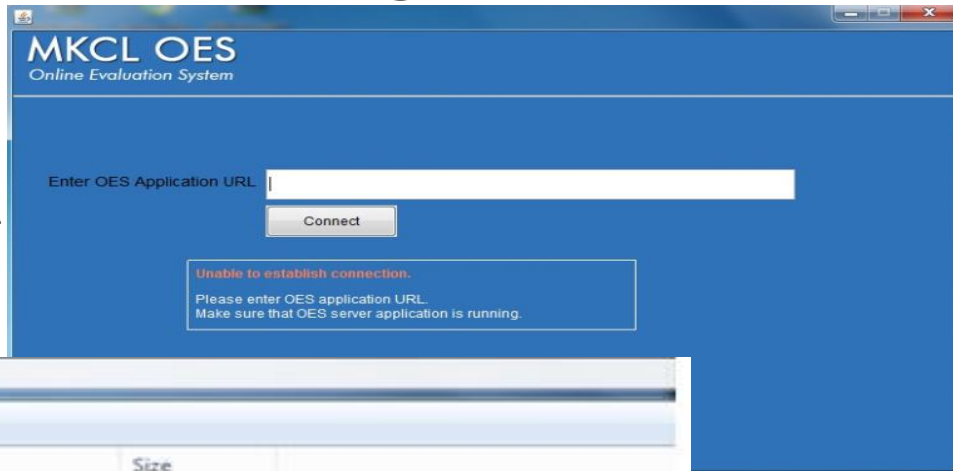


Run **OES-FIX. exe** given inside **OES Fix** folder in OES software setup

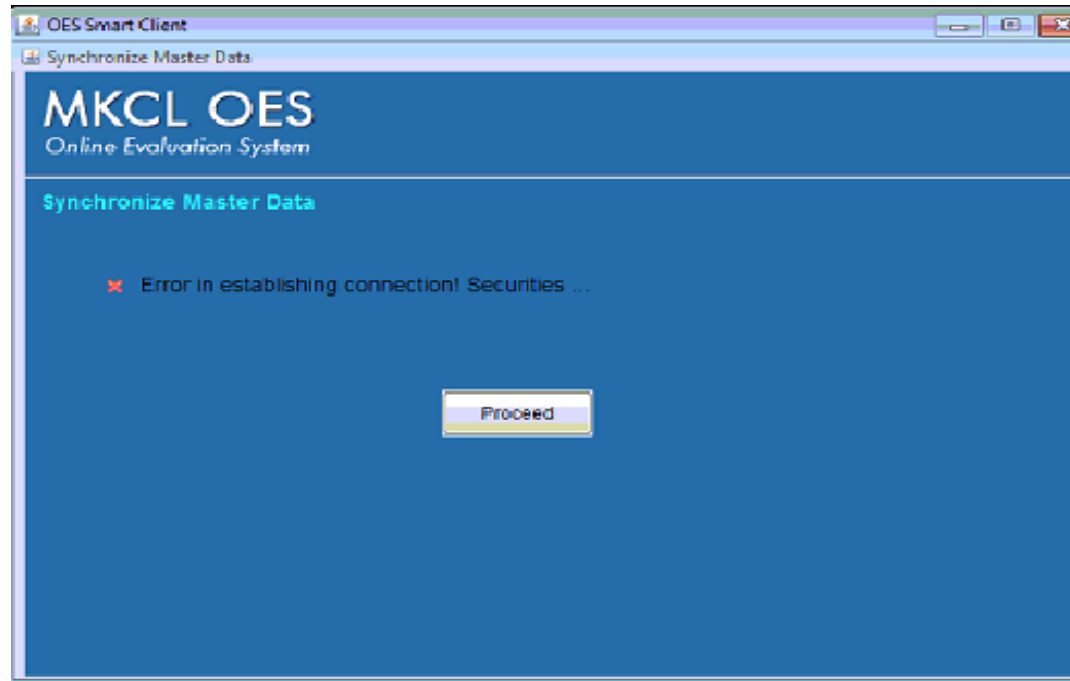
# FAQ 9. Smart Client asks for Entering OES Application URL

**Solution:** Go to below location

C:\Program Files \Apache Software Foundation\  
Go to Tomcat 7.0 folder properties & Add  
**Everyone** User to it & give full control to it.



# FAQ 10. Smart Client showing message “Error in establishing connection securities”

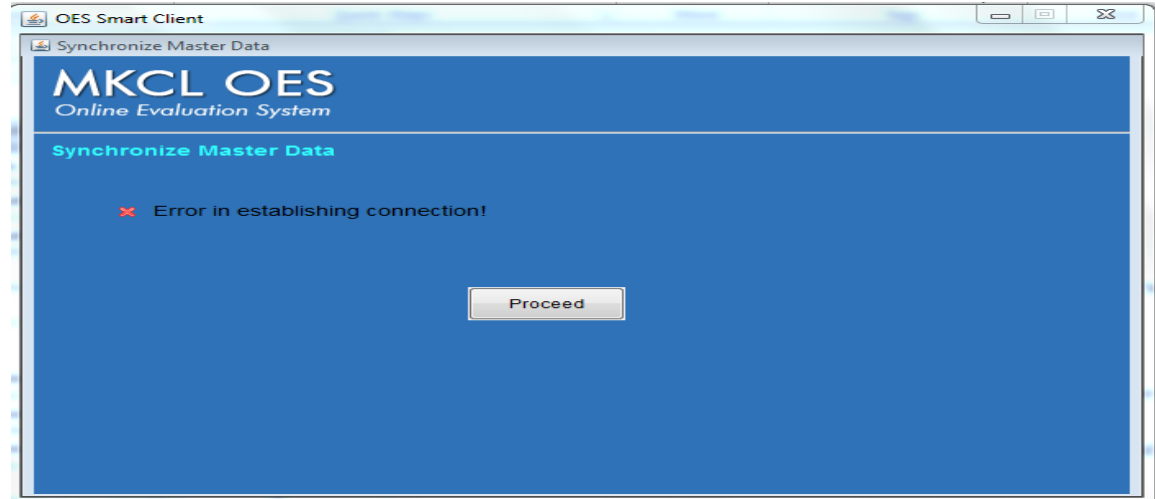


## Solution:



Run **OES-FIX. exe** given inside **OES Fix** folder in OES software setup

# FAQ 11. Smart Client showing message “Error in establishing” in establishing”










## **Solution:**

- Close Smart Client, Open & Smart Client, Login & try downloading again.
- Ensure that any JDK is not installed on machine. If installed then remove it.

Or

Open services.msc & ensure MySQLOES service is in start state. If it is stopped then start it & check synchronizing data again.

# FAQ 12 .How to Uninstall OKCL OES

Name	Publisher	Installed On
 Apache Tomcat 7.0 Tomcat7 (remove only)		27-01-2015
 Java(TM) 6 Update 38	Oracle	27-01-2015
 Microsoft Security Essentials	Microsoft Corporation	23-01-2015
 MKCL - Updater	MKCL	30-01-2015
 MKCLOES	MKCL	27-01-2015
 Mozilla Firefox (en-US)	FrontMotion	27-01-2015
 MySQL Server 5.5	Oracle Corporation	27-01-2015

- Remove OKCL OES, OKCL-Updater, MySQL Server 5.5, Apache Tomcat 7.0 & all Java versions from Control Panel → Add/Remove (Uninstall) Programs one by one in **sequence**.

- After that check if MySQL folder is **present** at below location or not, if it is **present** then delete it manually, if it is **not present** then restart system directly.

- If Server Machine OS is windows server 2003 then delete MySQL folder from below location

C:\Documents and Settings\All user\Application Data\MySQL

- If Server Machine OS is windows 7 then delete MySQL folder from below location

C:\ProgramData\MySQL

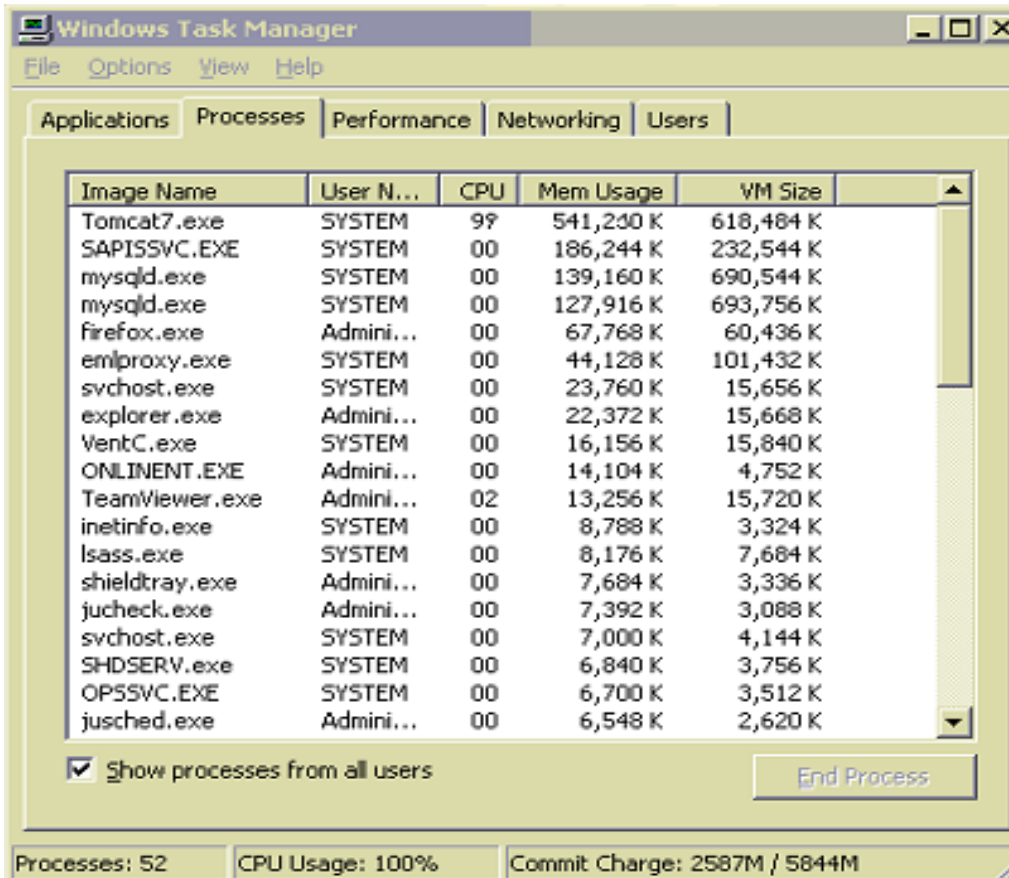
After deleting folders, Restart System

# FAQ 13. OES is running slow

## Solution:

OES may run slow if Tomcat 7 is getting insufficient RAM space on server machine. To find out, open Task Manager on server machine & monitor the

**CPU Usage.** To free up RAM, Kill the processes which are unnecessary & which are utilizing high RAM or uninstall such software's from server machine & try to bring the CPU usage at lower level.



The screenshot shows the Windows Task Manager Performance tab. The CPU usage is at 100%. The Processes tab is also visible, showing a list of running processes. The status bar at the bottom indicates 52 processes, 100% CPU usage, and a commit charge of 2587M / 5844M.

Image Name	User Name	CPU	Mem Usage	VM Size
Tomcat7.exe	SYSTEM	99	541,240 K	618,484 K
SAPISVC.EXE	SYSTEM	00	186,244 K	232,544 K
mysqld.exe	SYSTEM	00	139,160 K	690,544 K
mysqld.exe	SYSTEM	00	127,916 K	693,756 K
firefox.exe	Admini...	00	67,768 K	60,436 K
emlproxy.exe	SYSTEM	00	44,128 K	101,432 K
svchost.exe	SYSTEM	00	23,760 K	15,656 K
explorer.exe	Admini...	00	22,372 K	15,668 K
VentC.exe	SYSTEM	00	16,156 K	15,840 K
ONLINE.EXE	Admini...	00	14,104 K	4,752 K
TeamViewer.exe	Admini...	02	13,256 K	15,720 K
inetinfo.exe	SYSTEM	00	8,788 K	3,324 K
lsass.exe	SYSTEM	00	8,176 K	7,684 K
shieldtray.exe	Admini...	00	7,684 K	3,336 K
jucheck.exe	Admini...	00	7,392 K	3,088 K
svchost.exe	SYSTEM	00	7,000 K	4,144 K
SHDSERV.exe	SYSTEM	00	6,840 K	3,756 K
OPSSVC.EXE	SYSTEM	00	6,700 K	3,512 K
jusched.exe	Admini...	00	6,548 K	2,620 K

☒ Show processes from all users

End Process

Processes: 52    CPU Usage: 100%    Commit Charge: 2587M / 5844M

THANK YOU