

## Hardware and Software Requirements

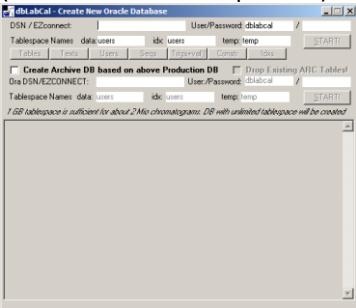
Server machine set up according to this IQOQ will also work as a file share for all dbLabCal's setup, program and configuration files. It is possible to setup or move the file share function to another server machine at any time.

The free Oracle XE database installation is described in this IQOQ. For Oracle's Standard or Enterprise Databases installation, please download the installation media from [oracle.com](http://oracle.com).

	Minimum	Recommended
Processor	Intel (x86)	N/A
Memory	2 GB	4 GB or more
OS	W7 Pro or higher, 64bit or Windows Server 2008 R2	Windows Server 2008 R2 or Windows Server 2012 R2
Disk space	1.5 GB minimum	10 GB for Oracle and Data
Windows Installer	MSI version 2.0 minimum	N/A
Network	TCP/IP	N/A
Resolution	1024x768	N/A

## Procedure

#	TASK	EXPECTED RESULT	ACTUAL RESULT
1	Record identification information for the database server.	The data is recorded and all fields are complete.	PC Name: _____ IP Address: _____
2	Verify that the server machine fulfils minimum requirements	Minimum requirements fulfilled.	Processor: _____ Memory: _____ OS: _____ Disk space: _____  PASS                  FAIL
3	Install Oracle XE Database (from dbLabCal's setup folder)	Oracle database installed without errors/warnings.	PWD for SYS and SYSTEM accounts: _____  PASS                  FAIL
4	Install Oracle Client 11 ( <b>32bit!</b> ) (from dbLabCal's setup folder)  recommended installation: "Administrator"	Oracle client installed without errors/warnings.	    PASS                  FAIL

#	TASK	EXPECTED RESULT	ACTUAL RESULT
5	<p>Create schema dblabcal executing 3 sql statements in sqlplus or sqldeveloper:</p> <pre>create user dblabcal identified by <b>DBLABCAL</b>; grant DBA to dblabcal; alter profile DEFAULT limit PASSWORD_LIFE_TIME UNLIMITED;</pre> <p>recommended PWD: <b>DBLABCAL</b> (all upper case)</p>	Statements successful	<p>PWD for dblabcal account:</p> <p>_____</p> <p>PASS                  FAIL</p>
6	<p>Install dbLabCal Client (from dbLabCal's setup folder)</p>	dbLabCal client installed without errors/warnings.	<p>PASS                  FAIL</p>
7	<p>start dbcreora.exe (from dbLabCal's setup folder)</p>  <p>Enter into DSN/EZConnect: SERVERNAME/XE</p> <p><i>XE is name of the Oracle's XE database instance SERVERNAME recorded in step#1 as PC Name</i></p> <p>Enter into user:                      dblabcal Password:                DBLABCAL <i>PWD recorded in step#5</i></p> <p>Click START! button</p>	<p>All tables and other required database objects were created successfully.</p> <p>Check also dbcreora.log file.</p>	<p>PASS                  FAIL</p>
8	<p>Copy the license file (dblabclic.lic) *) into dblabcal's bin folder *)Database ID is required to create license file: select DBID from v\$database;</p>		<p>PASS                  FAIL</p>

#	TASK	EXPECTED RESULT	ACTUAL RESULT	
9	Edit dblabcal.adm file with editor:  [Database] oradsn=DBSERVERNAME/XE  <i>same as in step#7 for DSN/EZConnect</i>		PASS	FAIL
10	Edit dblabcal.ini file with editor:  [dblabc]al path=\\FILESERVERNAME\path_to_dblabcalexe\ db= DBSERVERNAME/XE  <i>same as in step#7 for DSN/EZConnect</i>  <i>dblabc]al.ini is not needed if dblabc]al.exe,            dblabc]al.adm and dblabc]al.lic are in same folder</i>		PASS	FAIL  N/A
11	Allow sharing of the dblabcal folder in that all clients can start dblabcal.exe from this location	File share created	PASS	FAIL
12	Create shortcut on desktop to dblabcal.exe in dbLabCal's bin folder	N/A	N/A	
13	Start dbLabCal	dbLabCal starts with ADMIN PWD login dialog.	PASS	FAIL
14	Enter (only once) the password granted to dblabcal user in step#5	ADMIN PWD accepted,  Standard login dialog appear	PASS	FAIL
15	Create departments, Units and User with respective roles as required  <i>Dialogs are in dbLabCal's db menu.</i>	Departments, Units and User created	PASS	FAIL
16	Login as any user created in step#15	User PWD accepted, dbLabCal started successfully	PASS	FAIL

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Signature / Date