

Hong Kong Baptist University

Installation Guide SAP 16.0 SDK (32bits)

For Windows 10 64bits

Version 1.0

Last Update: 30 Mar 2017

Internal Use Only

PC-Client Installation

Product Name: SDK for SAP Adaptive Server Enterprise (SP02 PL05 SDK 32bit)

Install Folder: C:\SybaseSDK16

Product Features:

DB-Library

Open Client

Embedded SQL/C

Embedded SQL/Cobol

XA Interface Library for ASE Distributed Transaction Manager

SAP ASE ADO.NET Data Provider

Additional Connectivity Language Modules

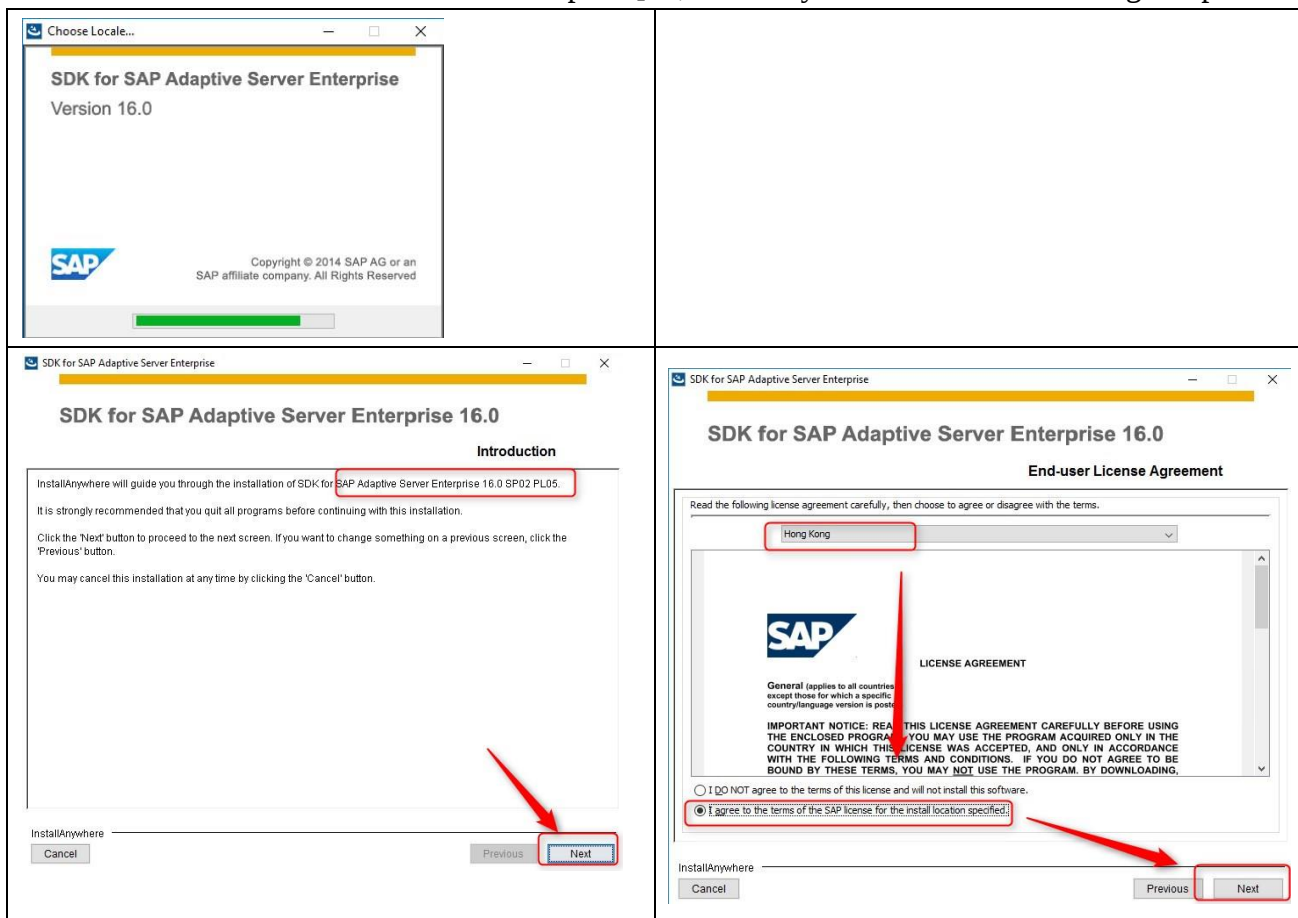
SAP jConnect 16.0 for JDBC

SAP ASE ODBC Driver (16.00.02.05)

Interactive SQL

1 . Extract **patch SDKASE160002P_5-21011954 16.0 SP02 PL05 SDK 32bit.zip**

Run setup.exe as administrator path : [C:\{**setup source**}\ASE16 SDK\patch SDKASE160002P_5-21011954 16.0 SP02 PL05 SDK 32bit\ebf26552\setup.exe] , Install Sybase SDK 15.7 following setup wizard



Installation Guide for SAP 16.0 SDK 32bits Windows 10 64bits (Internal Use Only)

SDK for SAP Adaptive Server Enterprise 16.0

Choose Install Folder

Where would you like to install?
C:\SybaseSDK16

Restore Default Folder Choose...

Destination

The directory C:\SybaseSDK16 does not exist. Do you want to create it?

Yes No

InstallAnywhere

Cancel Previous Next

SDK for SAP Adaptive Server Enterprise 16.0

Choose Install Set

Typical
The most common application features will be installed. This option is recommended for most users.

Full
All applications and features will be installed.

Custom
Choose this option to customize the features to be installed.

InstallAnywhere

Cancel Previous Next

SDK for SAP Adaptive Server Enterprise 16.0

Pre-Installation Summary

Please Review the Following Before Continuing:

Product Name:
SDK for SAP Adaptive Server Enterprise

Install Folder:
C:\SybaseSDK16

Product Features:
DB-Library
Open Client
Embedded SQL/C
Embedded SQL/Cobol
XA Interface Library for ASE Distributed Transaction Manager
SAP ASE ADO.NET Data Provider
Additional Connectivity Language Modules
SAP jConnect 16.0 for JDBC
SAP ASE ODBC Driver
Interactive SQL

Disk Space Information (for Installation Target):

InstallAnywhere

Cancel Previous Install

SDK for SAP Adaptive Server Enterprise 16.0

Installing SDK for SAP Adaptive Server Enterprise

Installing... Java Runtime Environment

InstallAnywhere

Cancel 49%

SDK for SAP Adaptive Server Enterprise 16.0

Installing SDK for SAP Adaptive Server Enterprise

Windows Security Alert

Windows Firewall has blocked some features of this app

Windows Firewall Name: SAP Java VM Runtime binary on all public and private networks.

Name: SAP Java VM Runtime binary
Publisher: SAP AG
Path: C:\users\user\appdata\local\temp\1491798508\windows\resource\jre\bin\javaw.exe

Allow SAP Java VM Runtime binary to communicate on these networks:

☒ Private networks, such as my home or work network

☒ Public networks, such as those in airports and coffee shops (not recommended because these networks often have little or no security)

What are the risks of allowing an app through a firewall?

Allow access Cancel

Installing... Install Merge Module(Install Time: C:\ASE_source\ASE16 SDK\patch SDKASE160002P_5-21011954 16.0 SP... invoker.exe)

InstallAnywhere

Cancel 49%

SDK for SAP Adaptive Server Enterprise 16.0

Install Complete

Congratulations! SDK for SAP Adaptive Server Enterprise has been successfully installed to:

C:\SybaseSDK16

Press "Done" to quit the installer.

InstallAnywhere

Cancel Previous Done

2 . Create **sql.ini file to path C:\SybaseSDK16\ini**

sql.ini content as below:

```
[PACIFIC]
master=NLWNSCK,127.0.0.1,60030
query=NLWNSCK,127.0.0.1,60030

[BALTIC]
master=NLWNSCK,127.0.0.1,60031
query=NLWNSCK,127.0.0.1,60031

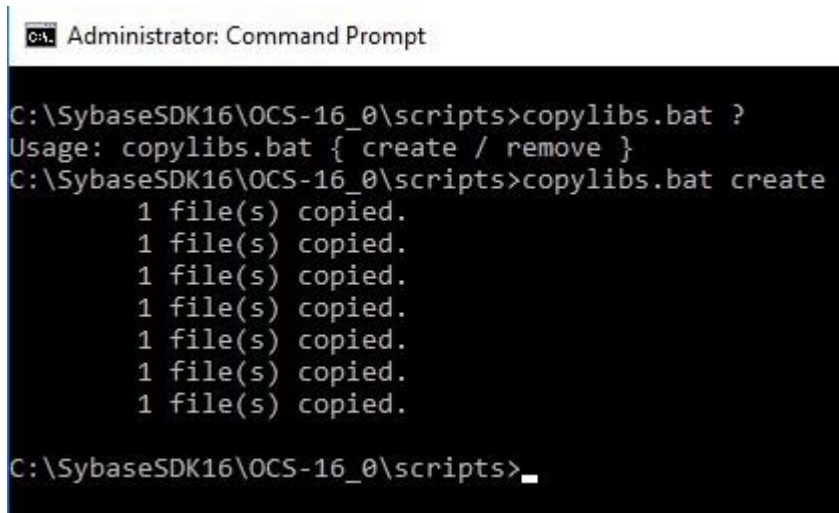
[BEAUFORT]
master=NLWNSCK,127.0.0.1,60021
query=NLWNSCK,127.0.0.1,60021

[ROSS]
master=NLWNSCK,127.0.0.1,60020
query=NLWNSCK,127.0.0.1,60020
```

3 . Run below in command line (run as administrator)

>cd C:\SybaseSDK16\OCS-16_0\scripts

>copylibs.bat create



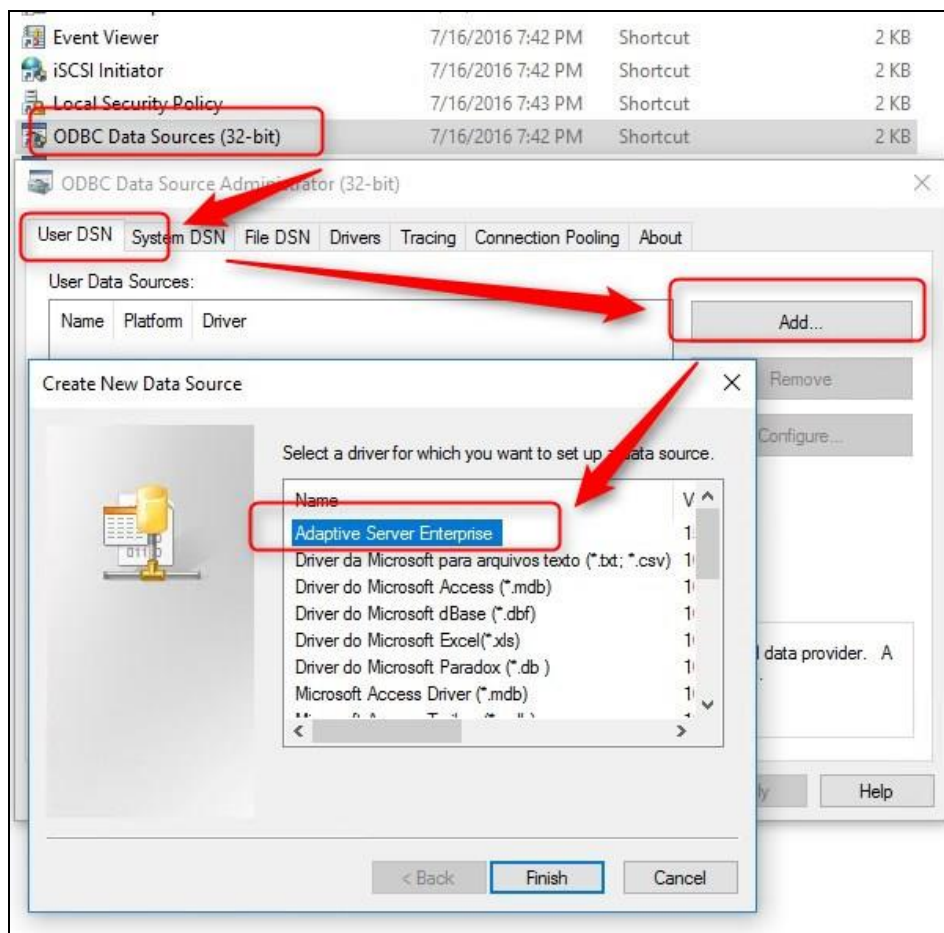
```
Administrator: Command Prompt

C:\SybaseSDK16\OCS-16_0\scripts>copylibs.bat ?
Usage: copylibs.bat { create / remove }
C:\SybaseSDK16\OCS-16_0\scripts>copylibs.bat create
    1 file(s) copied.
    1 file(s) copied.
    1 file(s) copied.
    1 file(s) copied.
    1 file(s) copied.
    1 file(s) copied.
    1 file(s) copied.
    1 file(s) copied.

C:\SybaseSDK16\OCS-16_0\scripts>_
```

4. Create ODBC Driver connection (32bits) on windows 10 64bits

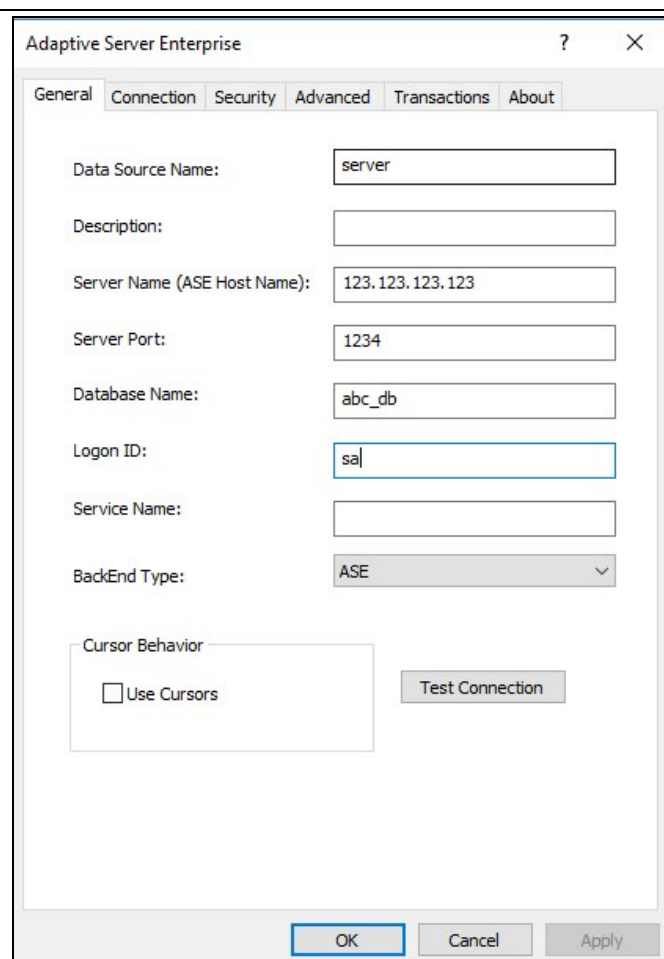
Path : Control Panel\All Control Panel Items\Administrative Tools\ODBC Data Sources (32-bit)



4. Input below information in General

- Data Source Name
- Server Name (using IP address)
- Server Port
- Database Name
- Login ID

***Get latest server /db information from ISS or Users



1. Input below information in Advanced
 - In Communication Charset, Select “**Client Charset**” in Communication Charset
 - In Client Charset, Select “**Other**” and type “**utf8**”

Adaptive Server Enterprise

General Connection Security **Advanced** Transactions About

Buffer Pool Size : 20

Text Size :

Application Name:

Client Host Name:

Client Host Process :

Fetch Array Size: 25

Initialization String:

Language:

Enable Bulk Load

☒ None ☐ Array Insert ☐ Bulk Copy

Communication Charset

☐ Server Default ☒ Client Charset ☐ No Conversions

Client Charset

☐ ANSI ☐ OEM ☒ Other utf8

Packet Size

☐ Packet Size 512

☒ Server Packet Size

☐ Restrict Maximum Packet Size

OK Cancel Apply