

## **Installation Steps for IDES (SAP R/3 Rel. 4.6 B)**

### **A) Pre-installation Steps for SAP R3/IDES Installation**

Ensure that Windows NT/2000 installed (with required Service Pack, File System should be NTFS) properly without any errors & the same M/c is assigned IP address and proper Host Name.

OS level Administrator (SIDadm), Service user (SAPServiceSID) and Global Group (SAP\_SID\_GlobalAdmin) are to be created in you Domain.

Assume I01 is Instance for IDES; so following users/groups is to be created in MUSCO\_PLANT.COM

I01Adm : Administrator user for IDES Instance  
SAPServiceI01 : Service user for IDES Instance

Above users should have Administrator rights and also following global Group.

SAP\_I01\_GlobalAdmin : Global Group for IDES Instance.

OR

You create only I01Adm user with Administrator rights in your domain. All other user/group will get created and assigned automatically during SAP R3-IDES installation.

After this please do the following steps, during this if SYSTEM asks for Re-start, please Re-start the same;

Login as I01adm in your domain;

- ☐ Install IE 5 or more.
- ☐ MMC to be installed (from Kernel CD:\NT\I386\MMC\IMMC.EXE). If you are installing on Windows 2000, then no need to install MMC)
- ☐ Active Directory Service Interfaces (ADS) to be installed (from Kernel CD:\NT\I386\MMC\ADS.EXE)
- ☐ DLL files are to be installed (from Kernel CD:\NT\I386\NTPATCH\r3dllins.exe)
- ☐ Virtual Memory (VM) to be adjusted/distributed to all HDD (C, D ....) drives, based on available Physical Memory (i.e. VM = 4 x Physical Memory, Ensure that VM should not be more than 10 GB), Path ↗ START ↗ SETTINGS ↗

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Control Panel → System → Performance → Change. For IDES, 512 MB RAM can be distributed to C drive → 1024 rest can be assigned to D drive.

- ☐ File Cache: Reducing the size of NT file Cache (this avoids conflicts between NT File Cache & SAP Programs in memory). Path → START → SETTINGS → Control Panel → NETWORK → SERVICES → SERVER → PROPERTIES → OPTIMIZATION → Maximize throughout for Network Application → OK
- ☐ Preparing SAP System Transport Host.  
(IPAddress HOSTNAME SAPTRANSHOST <-- this line should be inserted in HOSTS file (should be last line) & Save it.  
Path C:\Winnt\system32\drivers\etc\HOSTS

### C) **ORACLE installation**

ORACLE server version has to be installed, from ORACLE RDBMS CD. Run SETUP.EXE, it will ask for installation option,

- ☐ *Enterprise Edition*,
- ☐ Client,
- ☐ Customs. Select *Enterprise Edition* – it will install ORACLE. After finishing ORACLE installation, ensure that all ORACLE Services are installed & respective Services are started.
- ☐ Respective patches also to be installed from Oracle Installation CD.

### D) **Installing SAP R/3 installation tool**

Execute R3Setup.bat from Kernel CD, It will ask & give as followings; SID :  
I01

Installation Folder : c:\users\I01ADM\install

(now it will install SAP R/3 tools), at 85%, it will ask for log off. Log off and login as I01adm.

### D) **Installing Central Instance**

Start -> Programs -> SAP System Setup for I01 -> Install Central Instance;

This will install Central Instance & the followings are the inputs (some value may be displayed as default & you have to confirm);

System Name : I01

Instance No. : 00

Directory for SAP System (i.e. kernel Folder) : D

Installation type : local

Domain of all users & Groups : MUSCO\_PLANT.COM

Character set selection : WE8DEC

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Central transport Host : SAPIDES  
Directory for SAP System : D  
Oracle Home : C:\Oracle\806  
RAM available : 512 MB  
Kernel CD : D  
Port : 3600  
Password for SIDADM :  
Password for SAPServiceSID :  
Port No :  
LDAP support : No

### E) **Database Instance Installation**

“database.R3S” file from “c:\users\I01ADM\install” to be deleted. “IDES\_DB.R3S” file to be copied from DB\_EXPORT CD 1 ( [\IDESNT\ORA](#)) into “c:\users\I01ADM\install” & renamed as “database.R3S”.

Start -> Programs -> SAP System Setup for I01 -> Install Database Instance;

This will install Database Instance & the followings are the inputs (some value may be displayed as default);

SAP System Name : I01  
Instance No. : 00  
Domain of all users & Groups : MUSCO\_PLANT.COM  
Installation type Local/Domain : local  
Central transport Host : SAPIDES  
Database instance HOST : SAPIDES  
Character Set selection : WE8DEC  
Default Drive for Oracle : C:\ORACLE\806

**You have to assign “C DRIVE” for ORACLE HOME, Orilog A & Mirrorlog B. Other than this 3, “D DRIVE” to be assigned”**

Database System Name : I01  
RAM for SAP System : 512 MB  
Location of CDs. :

Location	Copy Destination
E: CD1	D:\ORACLE\I01\sapreorg
E : CD2	D:\ORACLE\I01\sapreorg
E : CD3	D:\ORACLE\I01\sapreorg
E : CD4	D:\ORACLE\I01\sapreorg
E : CD5	D:\ORACLE\I01\sapreorg
E: CD6	D:\ORACLE\I01\sapreorg

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Password for SAP System Administrator :  
Password for SAP System Service user :  
No. of Parallel Process : 1

Select Continue to start installation;

It will keep on asks DB EXPORT CD 1 to 5 , then it will ask for Kernel CD & next ask for DB EXPORT CD 6.

Now database loading will takes place, it will takes approx. 5 to 6 hrs;

At 92% , it will ask for password for SAPR3 user (to connect with database):

At 95% it will ask for “Install MNLS Table”/”EXIT”, Select “**EXIT**”

**At 96%** , installs “initializing the Workbench Organizer with RFC”. Here you have to say “EXIT”, to come out of installation.

For Finishing the installation;

Report “RSWBOINS” to be executed; as follows;

Start R/3 thr. MMC, after R/3 started, login to 000 with DDIC user. SE38

: RSWBOINS” ⌘F8

**OR**

Execute Transaction SE06 : Processing After installation for CTO Select

option “ SYSTEM CHANGE OPTION”

CREATION of R/3 System by : R/3 Std. installation Post

Installation processing

F8

It will finish the IDES Installation. You can check (if any error), the installation by Transaction SM28.

In IDES instance, SAP recommend us to use Client 800. you can loginto 800 by DDIC with default password & create users (if you want).

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# Resource Guide

## Recommended Reading

### **mySAP Certification - Criteria For Application**

The guidelines: Criteria to applying for a SAP Certification :

<http://www.erpgreat.com/general/mysap-certification.htm>

### **SAP BC Certification - Is It Worth Getting Certified**

Do you think it is worth getting certified? How many test are required for the basis certification? Is it required to t classes or can I study on my own?

<http://www.erpgreat.com/basis/sap-bc-certification.htm>

### **Frequently Used UNIX Commands in SAP**

Those frequently used UNIX commands in SAP.

<http://www.erpgreat.com/basis/frequently-used-unix-commands-in-sap.htm>

### **Steps for Creating Package**

The steps to create transport package in R/3

<http://www.erpgreat.com/basis/steps-for-creating-package.htm>

### **Frequently Asked Questions on Authorization**

Those Frequently Asked Questions about authorization in the R/3 System.

<http://www.erpgreat.com/basis/frequently-asked-questions-on-authorization.htm>

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