

→ Planning

Introscope

CEM

TIM

TESS

Database

Postgres

Oracle

Smartstor

WTG

Installation & Configuration

Date Created 4/14/2011
Version .02
APM Version 9.0.6

Step 1: Backup and CopyTIM Configuration:

- cd /
- tar cf /tmp/timconfig.tar /usr/local/wily/cem/tim/config
- Copy private keys (/etc/wily/cem/tim/config/websevers)
- Save the /tmp/timconfig.tar and private keys files to another machine over the network (Winscp)

Step 2: Install TIM Software

- Kickstart DVD
- Install Once
- Third Party
- Tim Compleat

Step 3: Configure TIM

- Network (Wily System Setup>Machine Settings)
- Time zone
- Network card configuration (TIM > Configure TIM Network Interfaces.)
- Add TIMs to TESS (Setup > Monitors)

Step 4: Restore Files

- cd /
- tar xf /tmp/timconfig.tar
- Copy private keys (/etc/wily/cem/tim/config/websevers)
- Unlock ports
- cd /etc/wily/machine/machine-settings/bin/
- ./configurefirewall port/ipver/protocol/status (on or off)

Step 5: Verify TIM can see packets

Step 6: Change TIM Admin password

- htpasswd /etc/wily/system/httpd.passwd admin

Upgrade Existing TIM Appliance

Install on New Server

Step 1: Copy Files

- Defect Evidence Files -- /var/www/html/wily/cem/teess/defects to <EM_home>/cem/teess/additionaldefectdetails/
- Tess.Customer.properties -- /etc/wily/cem/teess/omcat/webapps/wily/WEB-INF/classes to <EM_Home>/config
- Plug-ins -- /etc/wily/cem/teess/plugins to <EM_HOME>/cem/teess/plugins

Install /Upgrade Existing TESS

Using Installer

Run as root or as postgres account (non-root)

Step 1: Upgrade CEM 4.5 Database to APM 9 Schema

- 1a: Run APM Installer
- Database only
- Install or Upgrade database schema
- Add Configuration Details
- OR
- Run manually (dbupgrade-postgres.sh)

Step 2: Create and Move Backup

- 2a: Create Backup on 4.5
- can restore earlier versions but only on Linux not Windows.

Step 3: Create new database instance with schema

Step 4: Restore Database

- Go to database-scripts
- For Solaris go to <APM_Db_Home>/postgres/8.4-community/
- Run dbrestore-postgres.bat/sh

Step 5: Drop database

- cd <APM_Db_Home>/install/database-scripts/unix
- sh dropdb-postgres.sh

1.1: Backup Database

- In database-scripts
- dbbackup-postgres.bat/sh

1.2: Remove APM Schema:

- In database-scripts
- dropdb-postgres.bat

1.3 Uninstall Postgres

- Linux or Unix
- cd <APM_Db_Home>/install/database-scripts/unix
- sh dropdb-postgres.sh
- cd /var/lib
- rm -rf postgres
- Windows
- Use the Control Panel to uninstall

1.4 Run the Introscope installer to add a new database

1.5 Restore Database

- Go to database-scripts
- For Solaris go to <APM_Db_Home>/postgres/8.4-community/
- Run dbrestore-postgres.bat/sh

2.1 Upgrade EM and install APM database

2.2 Upgrade 4.5 database

- Using Installer or Upgrade Script

2.3 Drop Database and point to new APM database

- In Database-Scripts
- dropdb-postgres.bat/sh

OR

Merge database

- (Follow if install Introscope first)
- Go to Database-Scripts
- Run StaggeredAPMUpgradeExport.bat/sh
- Run StaggeredAPMUpgradeImport.bat/sh

Step A: Special Cases

1. Update Postgres Version

2 Install Introscope First

Upgrade/Migrate/restore Upgrade

Postgres

Import Configuration

FIRST SHUT DOWN TESS to Import

Use 4.x Export GUI on TESS

Import using APM 9 Export Utility

- cd /home/Introscope9.0.5.0/install/database-scripts/unix
- Open a command or terminal window and run the configimport.bat on Windows or configimport.sh on other platforms with the following arguments:

ConfigImport -dbhost <hostname> -dbname <database_name> -dbport <port_number> -databasetype <database_type> -dbuser <dbuser> -dbpassword <password> -dbscriptsdir <dir> -importfile <import-filename> -dbserviceuser <dbserviceuser> -dbservicepwd <dbservicepwd> -postgresinstallldir <postgresinstallldir> [-nolog] [-jdbcbatchsize <jdbcbatchsize>] [-promptbeforeimport true|false] [-is64Bit true|false]

Example:

```
./configimport.sh -dbhost sfga07 -dbname cemdb -dbport 5432 -databasetype postgres -dbuser admin -dbpassword mypassword -dbscriptsdir /apps/Introscope/install/database-scripts -importfile /tmp/apm_data.xml -dbserviceuser postgres -dbservicepwd %pas5w0rd -postgresinstallldir /opt/database -promptbeforeimport true
```

Migrate from Postgres

Installer User

-Use any user account with permission to read and write to the target directory to run the installer.

Admin User

- Use Existing Account
- Use empty user namespace
- use new Account
- see Oracle User on specifics on creating users and other system administration tasks
- can access the Oracle database instance containing APM
- must have Connect and Resource Roles
- Must have Analyze Any, Create Any View, and unlimited tablespace System Privilege

Allow Segmentation Creation or Oracle 11g

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