

SAP NetWeaver Mobile PDA Clients

(Installation and Registration)

Mobile Platform(IND)
January 2011

(Sujith Prathap)

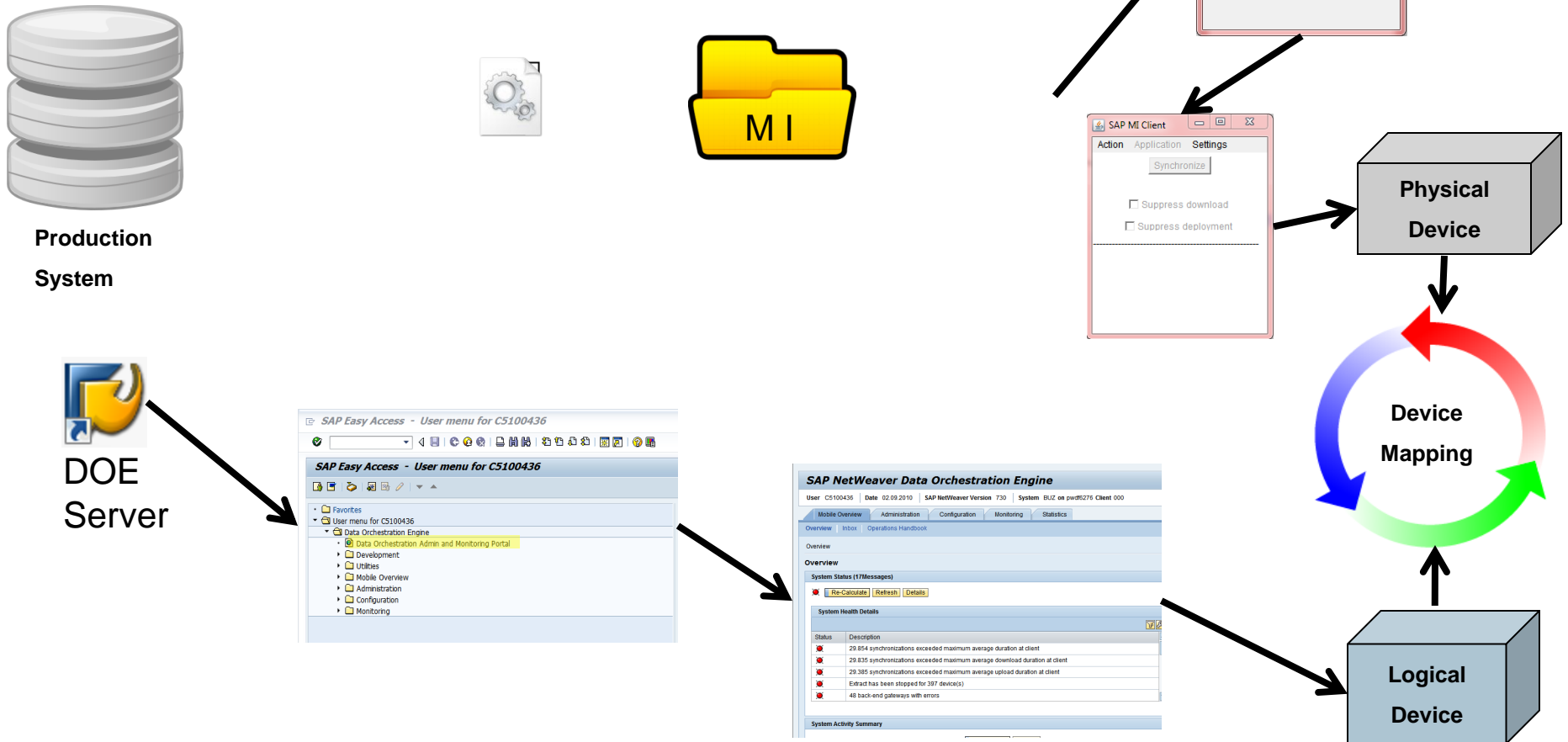
Agenda



1. Overview
2. Required Files
3. Installation
4. Creation of a logical device
5. Device Registration



A high level view of what happens:





1) Extract the files given below onto your PDA.

In case of AWT

- a) mindb.CAB
- b) pda_awt_container.CAB
- c) pda_runtime_wince.CAB

In case of JSP

- a) mindb.CAB
- b) pda_jsp_container.CAB
- c) pda_runtime_wince.CAB

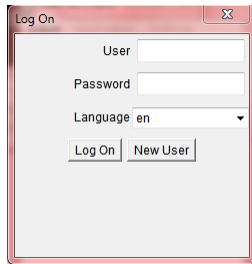
In case of OCA

- a) mindb.CAB
- b) pda_eswt_container.CAB
- c) pda_runtime_wince.CAB

In case of a simulator take the zip versions of the above files.

Launching of the PDA simulator client involves the starting of a batch file called startup.bat.

- 1) Open the MI directory created before.
- 2) Navigate to the folder called bin.
- 3) Open the file called startserver.lnk(in case of OCA starting from NetWeaverMobile.exe is also possible)
- 4) A Logon Screen appears.

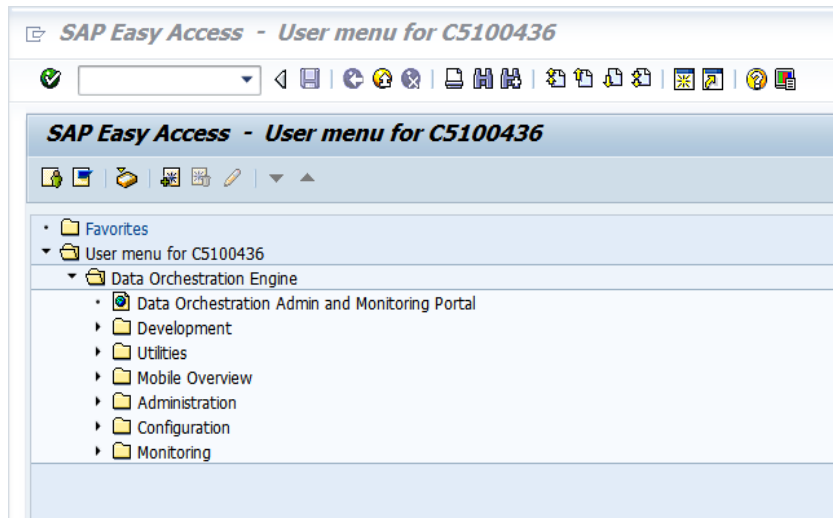


AWT login page

- 5) Click on the button new user.
- 6) A form appears for creating a new local user.
- 7) Enter the username and password and click create.
- 8) A new local user is created.

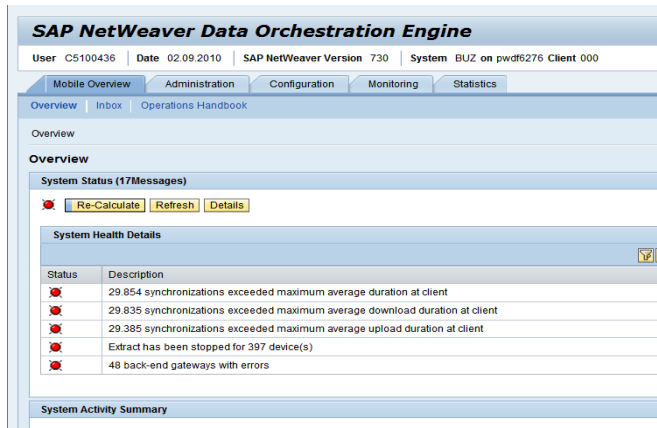
Creation of a logical device.

- 1) Use SAP Logon to login to the DOE Server.
- 2) Expand the Data Orchestration Engine on the startup screen.



- 3) Click on the Data Orchestration and Admin Monitoring portal.

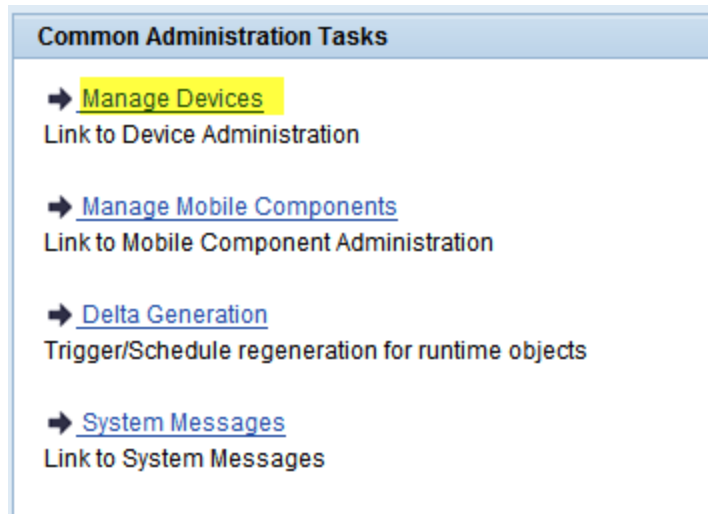
4) A new webpage opens with Mobile Overview tab selected by default.



The screenshot shows the SAP NetWeaver Data Orchestration Engine interface. The title bar reads "SAP NetWeaver Data Orchestration Engine". Below the title bar, there is a navigation menu with tabs: "Mobile Overview", "Administration", "Configuration", "Monitoring", and "Statistics". The "Mobile Overview" tab is selected. The main content area shows "System Status (17Messages)" with buttons for "Re-Calculate", "Refresh", and "Details". Below this is a "System Health Details" section with a table of system health issues.

Status	Description
✖	29.854 synchronizations exceeded maximum average duration at client
✖	29.835 synchronizations exceeded maximum average download duration at client
✖	29.385 synchronizations exceeded maximum average upload duration at client
✖	Extract has been stopped for 397 device(s)
✖	48 back-end gateways with errors

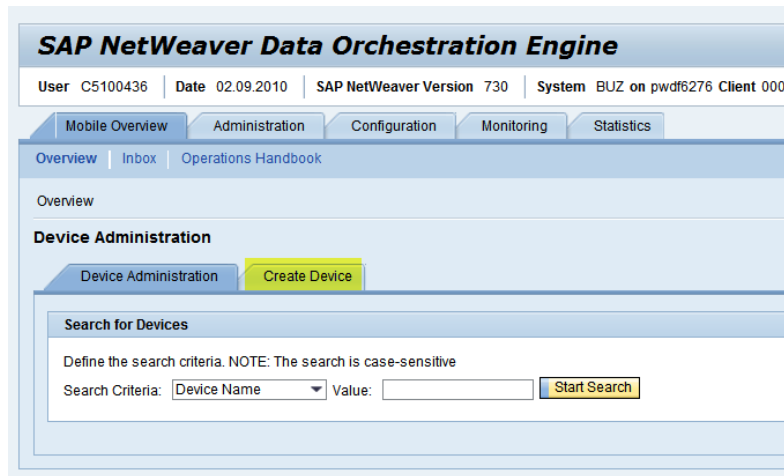
5) Select Manage Devices in the group box Common Administration Tasks.



The screenshot shows a "Common Administration Tasks" menu. The "Manage Devices" option is highlighted in yellow. Below it are other options: "Manage Mobile Components", "Delta Generation", and "System Messages".

- ➔ **Manage Devices**
Link to Device Administration
- ➔ [Manage Mobile Components](#)
Link to Mobile Component Administration
- ➔ [Delta Generation](#)
Trigger/Schedule regeneration for runtime objects
- ➔ [System Messages](#)
Link to System Messages

6) The Device Administration page comes up. Select the tab Create Device.

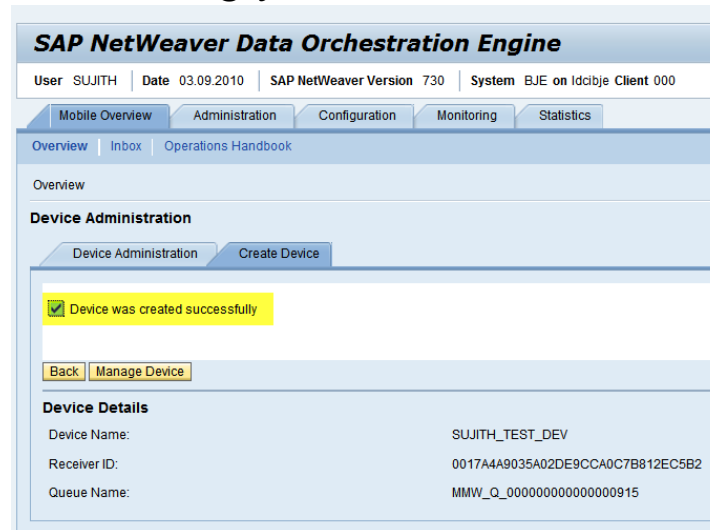


7) Provide a value for the Device Name, which is the name of the logical device you want to create.

Change the Device_TYPE to PDA.

8) Click Save.

10) A message appears informing you that the device has been created successfully.



11) Click on the button **Manage Device**.

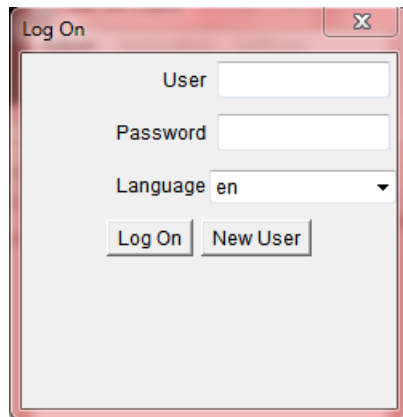
12) The device management page of the device we created opens up.

13) Click on the button called **Enable**. This enables the device on the DOE system.

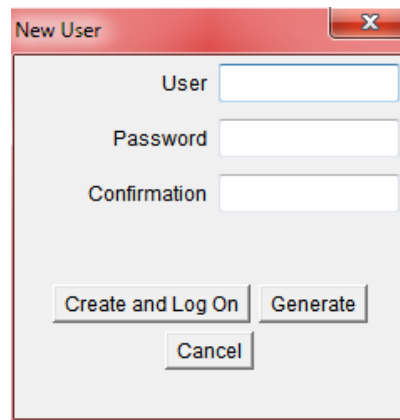
14) The logical device has been created.

This section deals with registration of the device on the DOE and the mapping of the logical and physical devices.

- 1) Navigate to the **MI** folder.
- 2) Open the **bin** directory.
- 3) Launch the client
- 4) A logon screen is launched (for JSP and AWT),.

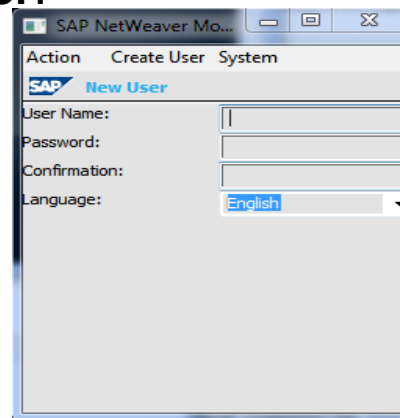


5) a. Click on the button **New User** (in case of AWT and JSP). In the screen that appears provide the user name and password and click on the button **Create and Logon**. This creates a local user on the machine.



The screenshot shows a dialog box titled "New User" with a red border. It contains three text input fields labeled "User", "Password", and "Confirmation". Below the fields are three buttons: "Create and Log On", "Generate", and "Cancel".

b. For OCA the screen is for creating a new user is launched on first start. Enter details and click **Create User**.



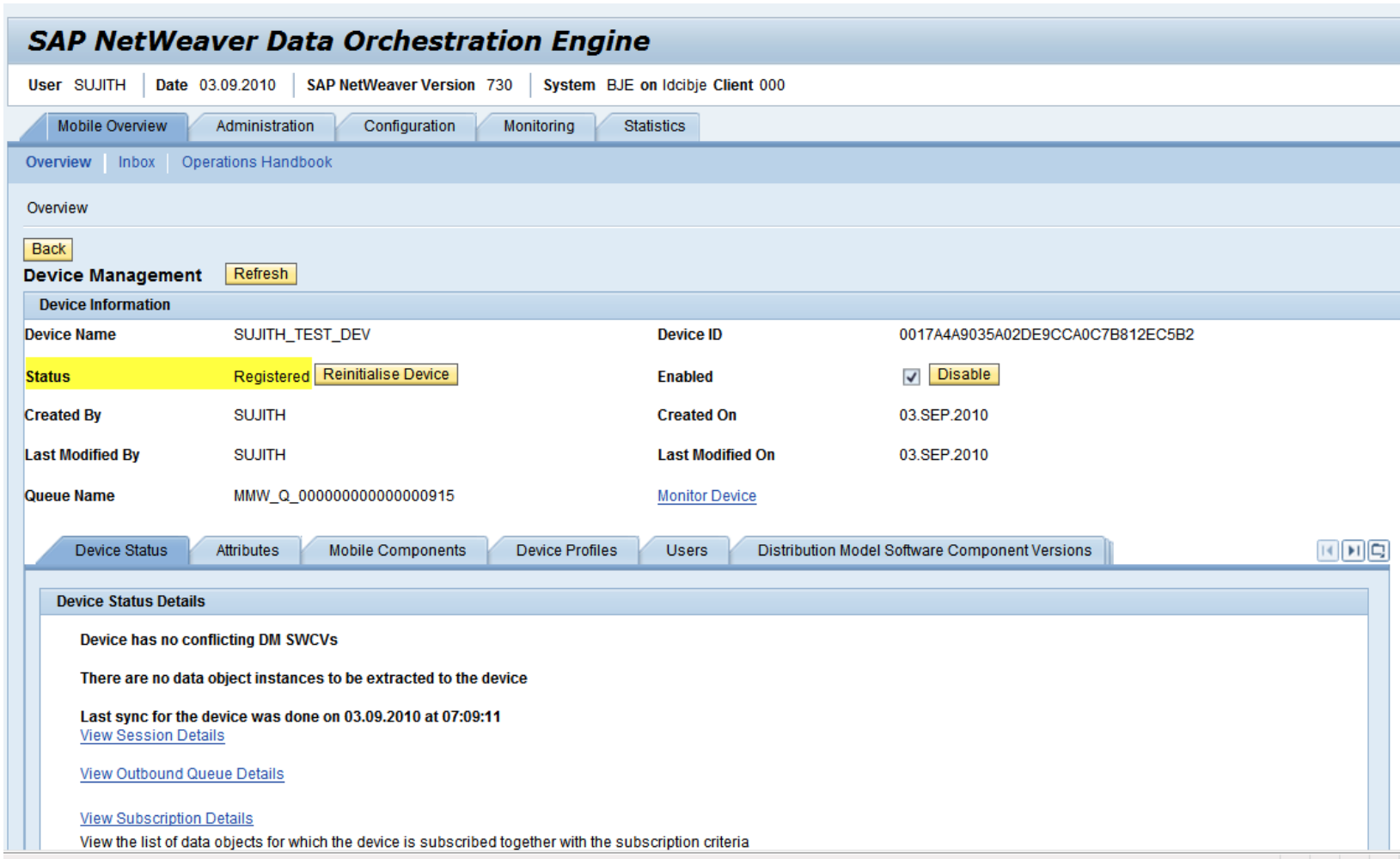
The screenshot shows a window titled "SAP NetWeaver Mo..." with a menu bar containing "Action", "Create User", and "System". Below the menu bar is a sub-header "SAP New User". The main area contains four input fields: "User Name:", "Password:", "Confirmation:", and "Language:". The "Language:" field is a dropdown menu currently showing "English".



- 6) The user is now logged in to the client.
- 7) Click on **Settings** in the Menubar(System ->Manage Devices for OCA) and select **Connection Settings**.
- 8) In the page that appears fill in the details of the system you want to connect to and click **Ok** (select **Save** from memubar, in case of OCA).
- 9) Click on the **Synchronize** button. (System -> Sync incase of OCA)
- 10) Provide the Password which was used for the DOE logon.
- 11) The sync fails stating that the device details have not been entered.
- 12) Click on Action -> Info Page. (System->Settings->Connection Settings in case of OCA).
- 13) In the page opens provide details of the logical device we create on the DOE.

Click **Ok**.(**Save** in case of OCA)
- 14) Perform the Sync again.
- 15) The synchronization is successful. This completes the mapping of the logical and physical device

16) Successful synchronization of the device cause the status of the device to change to registered.



SAP NetWeaver Data Orchestration Engine

User SUJITH | Date 03.09.2010 | SAP NetWeaver Version 730 | System BJE on Idcibje Client 000

Mobile Overview | Administration | Configuration | Monitoring | Statistics

Overview | Inbox | Operations Handbook

Overview

[Back](#) [Refresh](#)

Device Management

Device Information

Device Name	SUJITH_TEST_DEV	Device ID	0017A4A9035A02DE9CCA0C7B812EC5B2
Status	Registered Reinitialise Device	Enabled	<input checked="" type="checkbox"/> Disable
Created By	SUJITH	Created On	03.SEP.2010
Last Modified By	SUJITH	Last Modified On	03.SEP.2010
Queue Name	MMW_Q_000000000000000915	Monitor Device	

Device Status | Attributes | Mobile Components | Device Profiles | Users | Distribution Model Software Component Versions

Device Status Details

Device has no conflicting DM SWCVs

There are no data object instances to be extracted to the device

Last sync for the device was done on 03.09.2010 at 07:09:11
[View Session Details](#)

[View Outbound Queue Details](#)

[View Subscription Details](#)

View the list of data objects for which the device is subscribed together with the subscription criteria

Thank you!

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