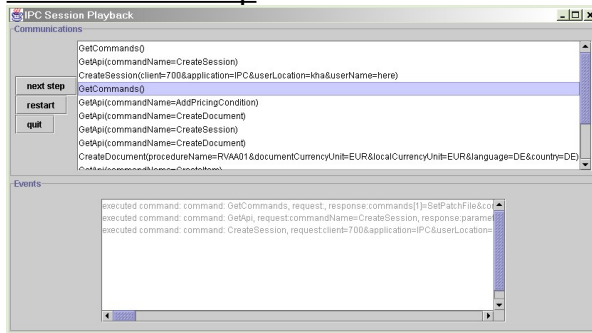# IPC Configuration:

- The IPC Dispatcher must be started *before* the IPC Server, as the later will try to connect to the former on the port configured (default *4444*).
- The Internet Pricing and Configurator (IPC) is part of the SAP Application Platform (AP). It runs on normal application servers and is required for CRM Mobile Application Components that are part of software unit CRM Java Components (JCRM).
- IPC Session Dump:

- Prerequisites:
  The VMC is part of SAP Basis 7.00 and the IPC (SAP AP IPC JAVA 7.00) requires the Virtual Machine Container (VMC) as a runtime environment.
  The IPC functions for pricing has been integrated in the Virtual Machine Container (VMC) of SAP NW 7.0
  Thus there no longer is a need to install SAP NW AS Java in order to run the Java applications for pricing, since these are now processed on SAP NetWeaver Application Server ABAP only.
- To use the Product Configuration functions, additionally SAP NW WAJ (part of CRM Application Server Java) must be installed to display the product configuration UI.
  To use the functions for product configuration, the necessary configuration steps must be performed.
- Integration:
  No separate IPC installation steps are necessary as of CRM SAP Basis 7.00.
  No separate host or separate Java runtime environment is necessary.
  IPC functionality is processed on each Application Server.
  The IPC does not support any special methods to support High Availability or Load Balancing.
  By running on each application server, SAP standard load balancing or high-availability mechanisms apply.

- Creating an IPC User:
  In order to set up the connection from IPC to the CRM system, an SAP-User with RFC authorization must be defined.

User Record	Value
Tab: "Address"	
Last Name	IPCUSER
Function	Default-User for connection to IPC
Password	LOGIN
Tab: "Logon Data"	
User Type	System
Tab: "Profile"	
Profiles	SAP_ALL, SAP_NEW

  ATTENTION: USer *IPCUSER* is usually created automatically as part of the IPC installation process.
- **INFO:** For scenarios in which pricing is used, the Virtual Machine Container (VMC) must be activated, as a prerequisite for running pricing.

  Additional information about activating VMC can be found in OSS note *854170*.

  ATTENTION: When the IPC Server reports on connection attempts to the dispatcher, then refers to its own (Java based) dispatcher, *not* any

  SAP disp+work process which might also be running on the same machine.

  CAUTION: Said port # must not be used by another program already, or the server will report "failure to connect to dispatcher" errors!