System Automation for z/OS: Beginner's Hands-On Lab

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IBM

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15619 and 15620

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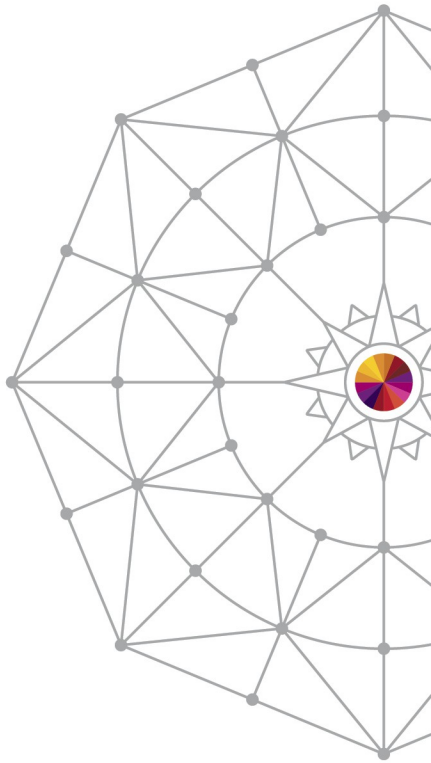

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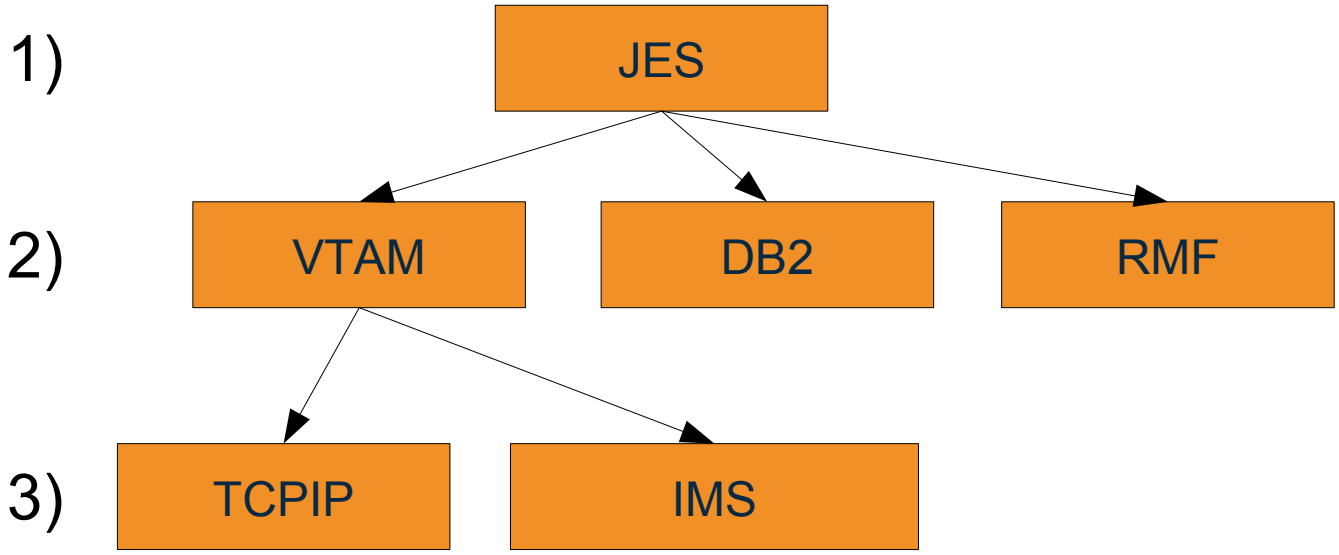
Automation – what is it?

Start and Stop of Applications in correct order

IPL



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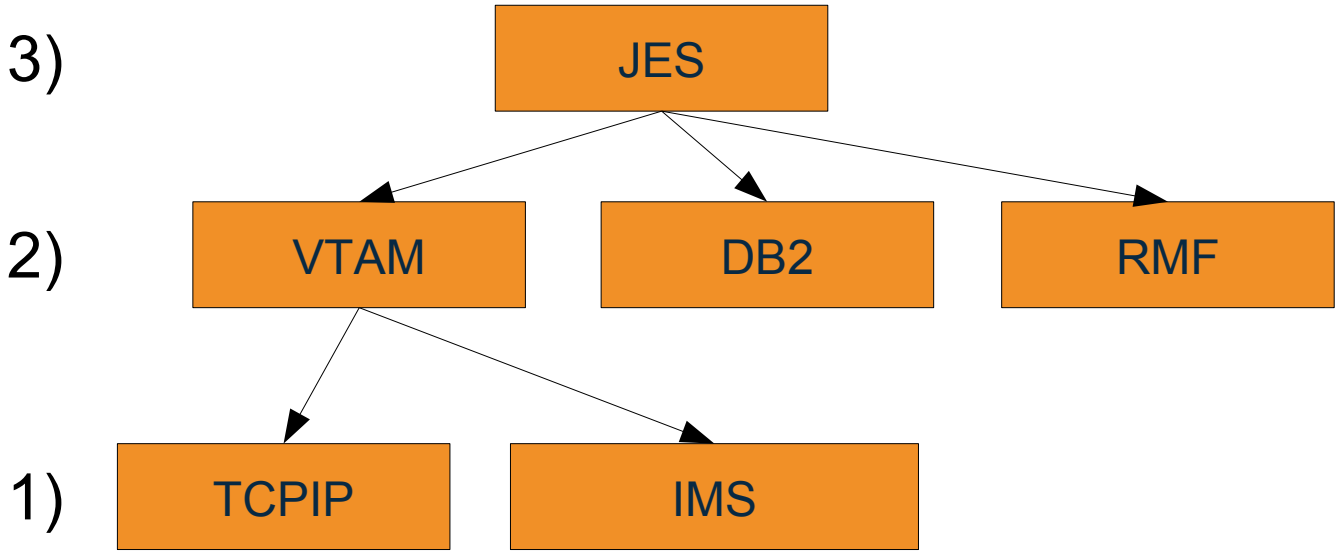
Automation – what is it?

Start and Stop of Applications in correct order

Shutdown



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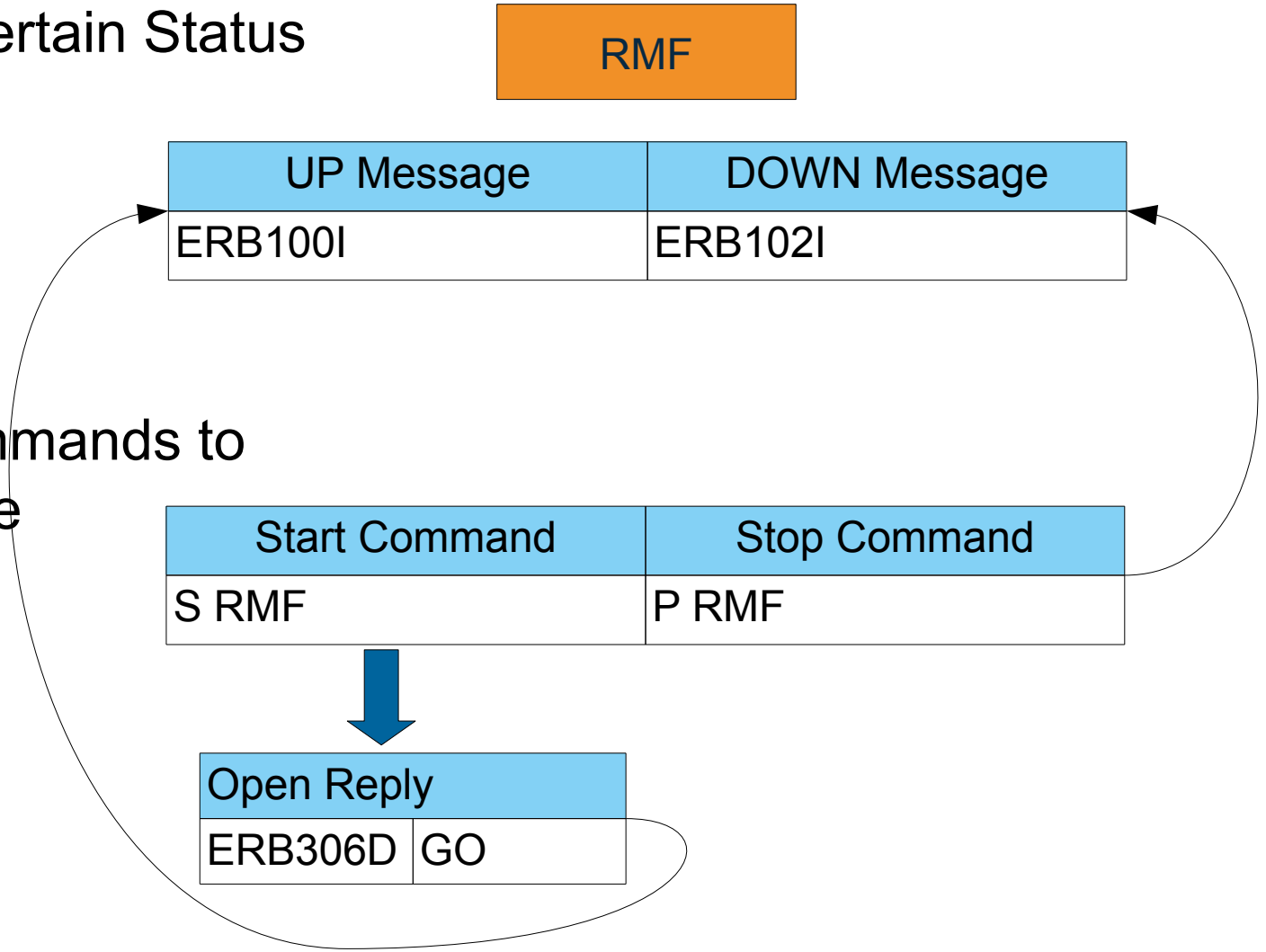
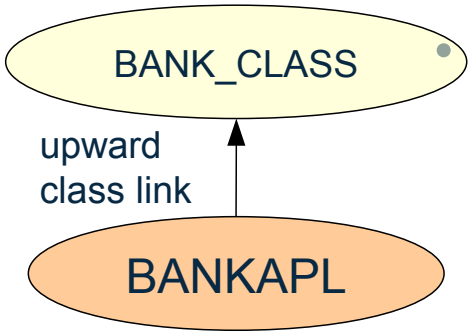
Automation – what is it?

Ascertain Status



Work Task part 1

- Incorporate an Application into System Automation
  - Start command
  - Stop command
  - Messages
    - ACTIVE
    - UP
    - TERMINATING
    - TERMINATED
  - Dependency to other Application
  - On which system runs the Application



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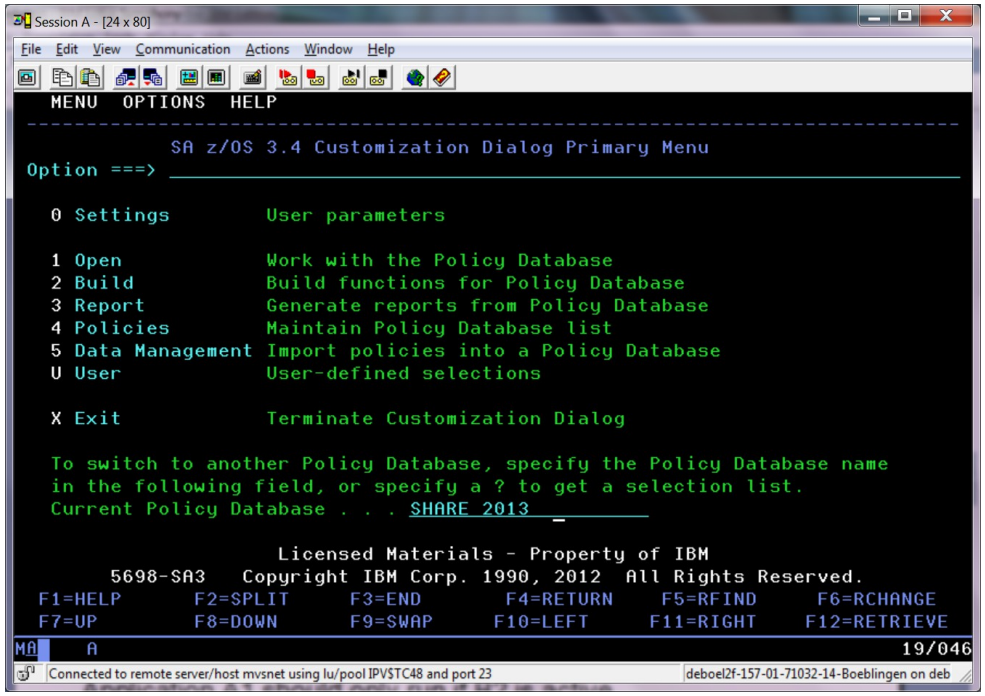
Automation Environment



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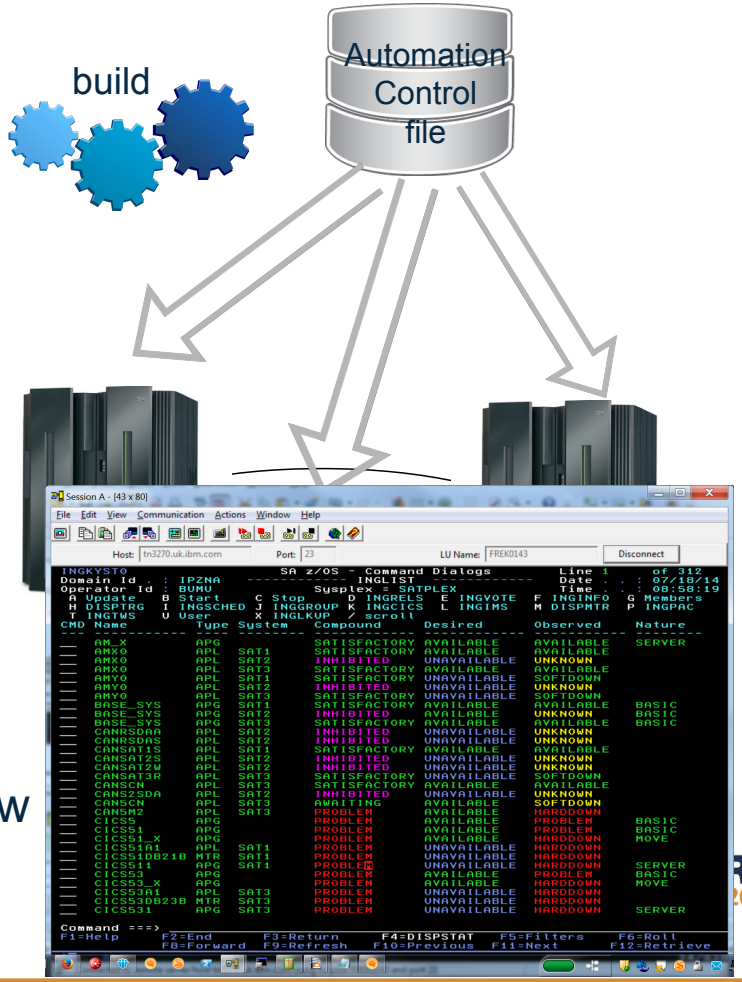

NetView

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Creating and Editing Automation Policies

```
 MENU   OPTIONS   HELP
------------------------------------------------------------------------------
                Automation Control for z/OS 1.1 Customization Dialog
Option ===>

  0  Settings          User parameters

  BR Browse            Browse the Policy Database
  1  Edit              Edit the Policy Database
  2  Build             Build functions for Policy Database
  3  Report            Generate reports from Policy Database
  4  Policies          Maintain Policy Database list
  5  Data Management   Import policies into a Policy Database
  U  User              User-defined selections

  X  Exit              Terminate Customization Dialog

  To switch to another Policy Database, specify the Policy Database name
  in the following field, or specify a ? to get a selection list.
  Current Policy Database . . . ACLAB1

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```

Automation Control for z/OS
User's
Automation Policy Data Base

Import

Automation Control for z/OS
Automation Policy Data Base

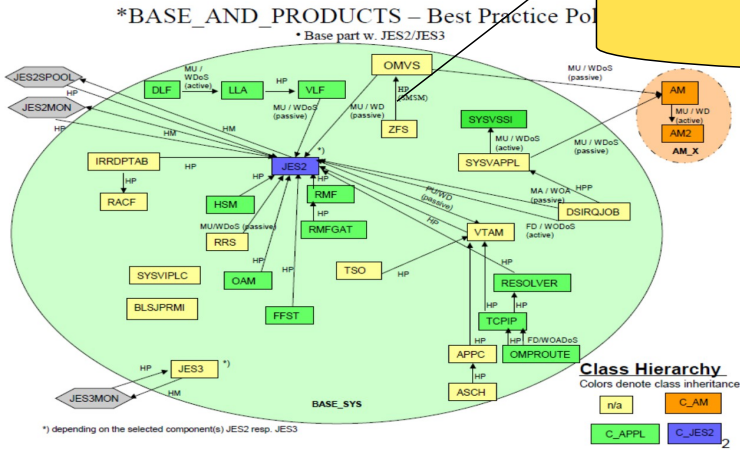
Bulk Update

Flat File

Report (flat / html)

Build Process

Control Data Set
(loaded by runtime environment)



C_CICS

Applications

Short Description	Class for CICS
Subsystem Name	C_CICS
Object Type	CLASS
Application Type	CICS
Last changed by	THIE

Minor resource name specification

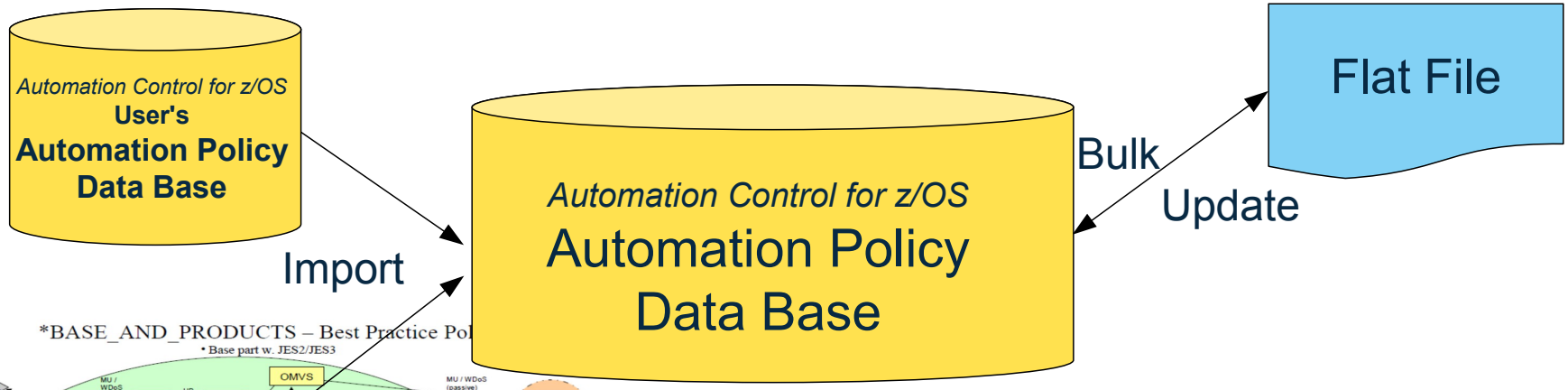
Minor Resource Name
TRAN

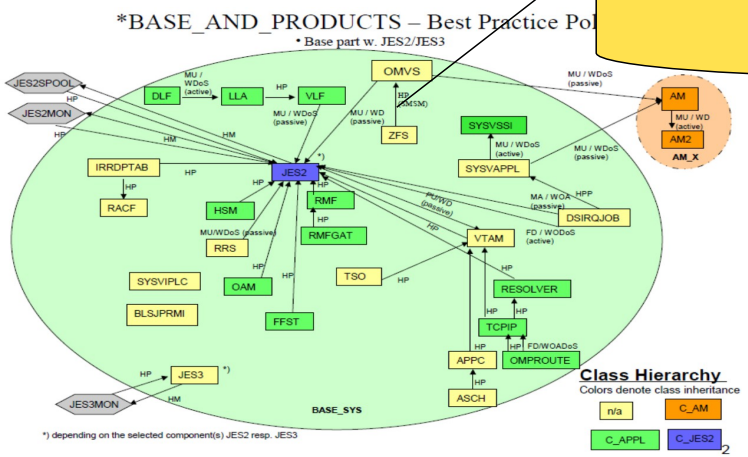
Messages and User Data

Message id	Description			
ABCODETRAN	Transaction Abend Recovery			
	Code 1	Code 2	Code 3	Value Returned
	*	*	*	EXCLUDE
CAPMSGS	Severity definition for captured msgs			
	Code 1	Code 2	Code 3	Value Returned
	DFHIR3785	*		CRITICAL
	DFHLG0507	*		CRITICAL
	DFHLG0730	*		CRITICAL

Work Task part 2

- Incorporate several Applications into System Automation via Flat File
- Import a Best Practice Policy





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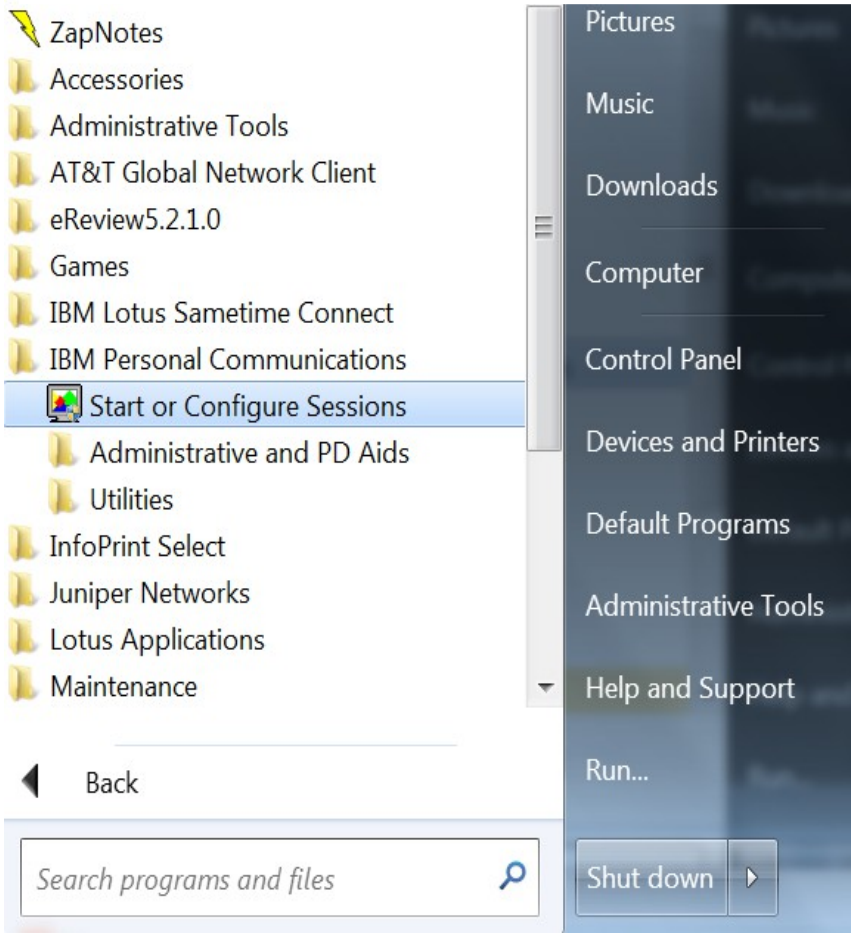
Start – All Programs – IBM Personal Communications – Start or Configure Sessions – SHARE LPAR



User ID: SHARA01 – SHARA09

Password:

- TSO
  - Change the Automation Policy Database and
  - build the Automation Control File
- NetView: ING01 - ING09
  - Activate the Control file

Thank
You