



WebSphere Decision Server

WAS z/OS -CICS Events - WBE & ILOG BRMS Connectivity and Integration on System z

TEC setup and instructor guide

Smarter software for a smarter planet.



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1. TEC Setup instructions

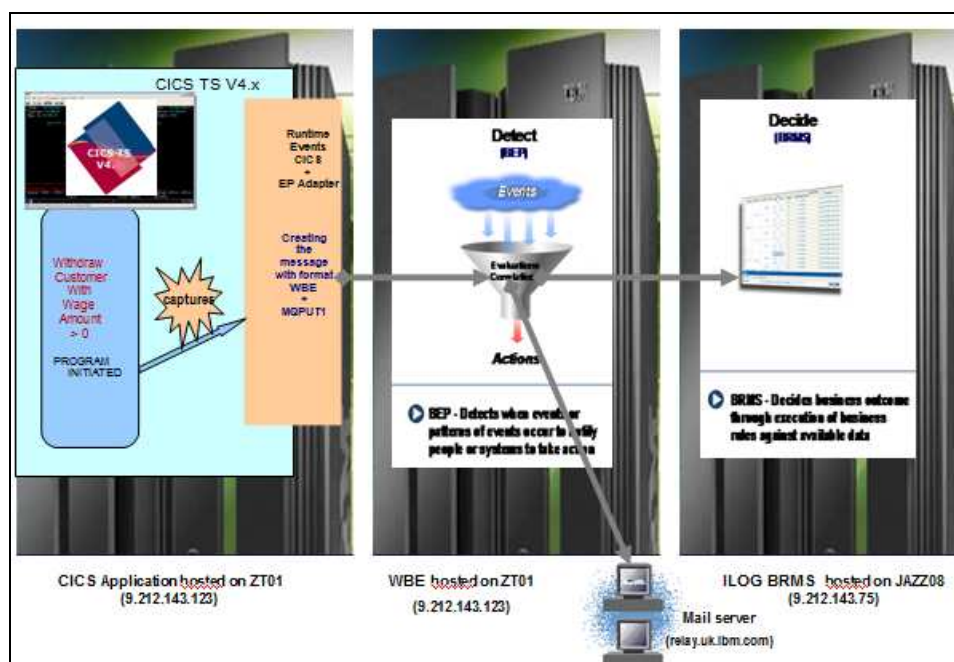
Hardware Requirements

For each participant you need a minimum of:

- An Intel™ or compatible system consisting of the following components:
 - 1.6 GHz or greater processor
 - 25 GB Hard drive for the image alone plus another 2 GB while image is running
 - 2 GB core host RAM (1.4GB dedicated to image at runtime)
 - Keyboard
 - Mouse
 - Display (image set to 1024x768)
 - Network adapter (not needed at this time)

Snapshots

The Infrastructure



Start the image using the required userid

You must have access to Montpellier System thru the firewall by sign on using this URL and your IBM intranet Userid/password : <http://9.212.143.123>

Access to ILOG BRMS

- WAS z/OS Administration Console
 - <http://9.212.143.75:24005/ibm/console>
 - (User / Psw = ZPASSOU/ZPASSOU)
- RTS Admin Console
 - <http://9.212.143.75:24067/teamserv/>
 - rtsAdmin / rtsAdmin
- RES Admin Console
 - <http://9.212.143.75:24067/res/>
 - resAdmin/resAdmin

Access to WBE

<https://zt01.pssc.mop.fr.ibm.com:20166/ibm/console/logon.jsp> for the WAS Console

---> Userid = ZBADMIN password = zbadmin <---

<https://zt01.pssc.mop.fr.ibm.com:20168/mum/resources/bootstrap/login.jsp> for WBE (Business Space)

<http://zt01.pssc.mop.fr.ibm.com:20167/wbe/common/login.jsp> for WBE (Console)

---> Both Userid = ZBMAEST password = zbmaest <---

Connectivity requirements

- A dynamic IP address is used in the VM to allow the user to access the internet as needed.
- The VM network setting is set to NAT.
- The host workstation does not need to be on the network.

Setting up the software image

The software image included in this PoT, requires:

- We suggest you use VMware workstation; this was not tested with VMware reader version. See download details below.
- VMware Image dated 2011 – Minimum VMware version is 7.0.

How to download the VMware image

- You will download the VMware from the Asset Library web site. All the VMware is zipped and split into pieces of 700 MB each (except the last pieces). Your download will consist of **21** pieces and this may take a while (few hours). Be patient.
- All Files can be downloaded into the same temporary directory.
- Approximately **40** GB of disk is required to store all pieces and **10** GB after being expanded

Presentations to be used

- Day # 1 – use presentations 1

Operating System and Supporting Products

- Windows XP FP3
- Adobe Reader 8.1.1
- Mozilla Firefox v2.0.0.11

VMware Image Contents:

Table 1 VMware Image Contents

| Application | Version |
|--|--|
| IBM WebSphere ILOG JRules BRMS - Rule Studio | V7.1.0 |
| IBM WebSphere ILOG Rules for COBOL - Rule Studio | V7.1.0 |
| WebSphere Business Events Design data | 7.0.1.1 (20110131-2359) |
| CICS Explorer | Version 1.0.1.0 [build id: 201009220955] |
| IBM WebSphere MQ Explorer | Version: 7.0 |

How to install the VMware image?

Attention: This image is NOT self extracting and you will need to unpack it using open source tools like ExtractNow or WinRar.

See details on TEC web site:

<http://nasoftware.ibm.com/sales/ctp.nsf/doc/MODM-7BQK7L>

When doing the extract, point to a ROOT directory where you want to create the folder with all VMware contents. Like E:\, D:\ or C:\

Booting the XP on the VMware image

Recommended changes on Master VMware (before copying for each workstation):

2. Instructor guide

This proof of technology is designed to be self-paced. The PoT contains:

- Setup and Instructor Guide (this document)
- A presentation
- A hands-on laboratory workbook with 5 exercises
 - Lab 1: Implementing CICS Event Processing
 - Lab 2: Implementing a Business Rules Using Rule Studio
 - Lab 3: Deploying a Business Rule
 - Lab 4: Implementing Event Based Decision Making
 - Lab 5: Optional :Taking a Context and Sharing Data between events
- VMware image

It is suggested that the presentation be given first. It is designed to provide introductory information, terminology and navigation tips.

Objectives for this PoT

- You are Customers , Business Partners working as Architects, Systems programmers, Developers, System administrators

If you answer "**YES**" to any of the questions below, this Proof of Technology (PoT) is for you.

1. Would you like to analyze and correlate customer behavior across systems and channels? Are there opportunities you could exploit, by being able to detect and respond more quickly to insights from customer behavior?
2. Would you like to increase personalization of pricing, promotions and product offers using your existing business and technology systems? Would this help you increase customer loyalty?
3. Would you like to accelerate the automation of key decisions within your business processes? Are there repeatable, high-volume decisions that require a lot of manual intervention; factors which limit decision automation and flexibility?
4. Would you like to implement event-driven applications that sense and respond real-time to actionable business OR detect technology situations and then initiate actions, based on knowledge-based rules?

Schedule and structure

Table 2: Estimated timing for PoT modules

| Component | Estimated time required |
|---------------------------------|-------------------------|
| Introductory slide presentation | 90 minutes |
| Lab 1 | 60 |
| Lab 2 | 60 |
| Lab 3 | 30 |
| Lab 4 | 60 |
| Lab 5 (Optional) | 30 |

Given this data, the following agenda is recommended:

Table 3: Recommended agenda for PoT

| Agenda item | Recommended schedule |
|---------------------------------|----------------------|
| Introductory slide presentation | 9:30 AM – 11:00 AM |
| Break | 11:00 AM – 11:15 AM |
| Lab1 | 11:15 AM – 12:15 AM |
| Lunch | 12:15 AM – 1:30 PM |
| Lab2 | 1:30 PM – 2:30 PM |
| Lab3 | 2:30 PM – 3:30 PM |
| Break | 3:30 PM – 3:45 PM |
| Lab4 | 3:45 PM – 4:45 PM |
| Lab5 | 4:45 PM – 5:15 PM |
| Summary / Q/R | 5:15 PM – 5:30 PM |

Classroom checklist

Instructors must reach the classroom at least an hour before the scheduled start time for the PoT to make sure there is enough time to go through the checklist. Make sure you have the contact info of the person responsible for the classroom and the machine setup.

Checklist:

VMware verification

Steps to be performed on all the machines in the classroom:

- __1. Power-on all the machines (if necessary)
- __2. Find out the user login password in case machine gets locked
- __3. Navigate to the directory where PoT VM image is copied
- __4. Put VM in full screen mode (Press ctrl+alt keys to undo full screen mode)

Miscellaneous checklist

- __1. Test projector
- __2. Test microphone
- __3. Student handouts
- __4. Beverages and food
- __5. Restrooms and exits

Troubleshooting tips

The computers are set up by TECs for the PoT in question.

Contacts

PoT authors listed here

FAQs

Who is responsible for maintaining the PoT assets including VM, Lab Scripts and Presentations?

Yao ASSOU (yao_assou@fr.ibm.com)

Can this PoT be delivered at a customer site? Not yet (Only available on IBM Site)

IBM Software

Yao ASSOU (yao_assou@fr.ibm.com)

Who can I contact if I find errors in scripts or need changes in the VM?

Yao ASSOU (yao_assou@fr.ibm.com)



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