



# jBPM Management

The screenshot shows the KIE IDE interface for managing jBPM servers. The top bar includes the KIE IDE logo, a home icon, a menu, and a user profile "maciek". The left sidebar, titled "SERVER CONFIGURATIONS", contains a "New Server Configuration" button and a list of servers: "business-application-service" (selected), "sample-server", and "business-application-kjar\_1.0-SNAPSHOT". The main panel displays details for the selected "business-application-service". It shows the URL "business-application-service@localhost:8090" with "Refresh" and "Remove" buttons. Below this is a "Capabilities" section with checkboxes for "Decision", "Process", and "Planner", where "Decision" and "Process" are checked. The "DEPLOYMENT UNITS" section includes an "Add Deployment Unit" button and a list of units, with "business-application-kjar\_1.0-SNAPSHOT" selected. The "REMOTE SERVERS" section shows a list of servers, with "business-application-service@localhost:8090" selected. The rightmost panel displays a card for "business-application-kjar" from "Group ltd.com.company", showing a green checkmark and the version "v1.0-SNAPSHOT".

# Agenda

**01** REMOTE API  
FACTORY

**02** AUTHORIZING

**03** MANAGING  
PROCESS

**04** MANAGING TASKS

**05** DEPLOYMENT

**06** KIE AND LOGIN  
SERVLET

**07** QUIZ

**08** CONCLUSION

**09** HANDS-ON

# Remote API Factory

# jBPM as Remote Service



The jBPM platform is offering a number of ready-to-use remote APIs in an effort to provide developers with an improved level of flexibility when designing solutions that require out-of-the-box jBPM integration. This remote service layer opens up a number of possibilities for providing the stakeholders with a flexible, open architecture, in order to satisfy and to quickly react to changing application requirements, for instance:

- A number of external application systems may require to occasionally connect to the jBPM runtime in order to check some task or retrieve some process information
- The jBPM operations manager may be constrained to perform administration tasks by submitting a batch of commands via HTTP only

# jBPM as Remote Service



jBPM ships with the following remote service interfaces:

- **REST API**
- **JMS API**
- **Java Remote API:** This API provides the developer with local stubs of the KieSession, TaskService, and AuditService core engine services. These service stubs of the API methods are wrappers for lower-level REST or JMS API calls.
- **SOAP API**

# Authoring

# Managing Process

# Managing Tasks



# Deployment

# KIE and Login Servlet

# Quiz

jBPM Management



**By default jBPM-Console would be available at \_\_\_\_\_ port**

- a) 8081
- b) 80
- c) 8080
- d) 9990



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a) 8081

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**You can login to KIE Server without jBPM Workbench**

- a) True
- b) False



**You can login to KIE Server without jBPM Workbench**

a) True

b) False

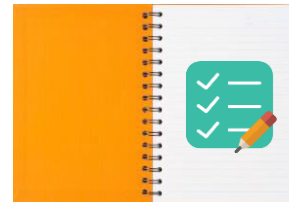


# Conclusion



## In this session, you have learnt:

- Remote API Factory
- Authoring
- Managing Process
- Managing Tasks
- Deployment
- KIE and Login servlet



# Hands-On

Practical

- Create Processes and access them through Remote API Factory
- Manage Process Instances and Tasks



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