

Virtual machines of business process: Seminar outline

➤ **Overview:**

There are many process languages for Business Process Management (BPM), workflow and orchestration. For simplicity we'll refer to that collection as workflow for short. There are two aspects to workflow; the process modeling aspect and the software implementation aspect. The biggest problem in workflow technologies today is that they don't handle the dual nature of those technologies properly. The main goal of this paper is to fix exactly that problem.

The Process Virtual Machine does not define a process language. Instead it acknowledges some process language might be better suited for a certain situation than another and hence, there will be multiple process languages coexisting. The Process Virtual Machine will define a common model that can be shared between all the graph based execution languages. It also includes a strategy on how process constructs can be seen as software components. This will enable support for multiple process languages and also it will show much clearer how process technology fits right into software development projects.

➤ **Objectives:**

By the end of this program, participants will acquire a good understanding of:

- Define virtual machines in the business process.
- Measure and analyze virtual machines costs.
- Finding the benefits of virtualization.
- How to increase I.T efficiency and virtual management.
- How to restart your virtual machines for business continuity.
- Establish network security in the virtual data center.
- Optimize I.T resources with virtual technology.
- Convert physical machines to virtual machines
- Why is business process automation needed?

➤ **Who should attend:**

The seminar is recommended for:

- Business analysis manager.
- Business or technical analyst.
- Operations manager.
- Development manager.
- IT or development manager.
- Project manager.
- Requirements engineer.

➤ **Structure:**

This two-day seminar includes presentation, supporting documents, and interaction with highly experienced and qualified people from the field.

➤ **Program outline:**

- Introduction to the topic:
 - Background for process automation

- Going thru the 3 different solution specifications:
 - WSCI (web service choreography interface)
 - BPEL4WS (business process execution language for web services)
 - BPML (business process modeling language)

- Difference between physical machines and virtual machines:
 - Convert physical machines to virtual machines.
 - Optimize I.T resources with virtual technology.
 - Restarting your virtual machines for business continuity.

- Fictional example case:
 - Implementation of the example case from the specifications' point of view.

➤ **Structure:**

This seminar will be developed in 12 hours extended over 2 days.