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Professional Issues in IT

Topic 6:
Software Deployment (2)

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Software Deployment 2 Topic 6 - 6.2

Scope and Coverage

This topic will cover:

- IBM software deployment model
- Phases and steps
- Phase 0
- Phase 1
- Phase 2
- Checklists
- Best practise
- Global software deployment



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Learning Outcomes

By the end of this topic, students will be able to:

- Identify, analyse and discuss IBM's software deployment model
- Apply and recommend approaches to resolving potential issues



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IBM Software Deployment Method

- Premise

“.. A proactive and disciplined deployment approach is required to get the expected business value from any purchase of software.”

(IBM 2003:xii)


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A Deployment Model

- Exercise:


Identify a structure and define the content that you would expect to find in a Software Deployment Model.

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Software Deployment Method


- Deployment lifecycle
 - Iterative
- 3 Phases/11 Steps
- Proven successful method
- Software deployment success focus
- Developed for IBM clients
 - Applicable to all

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Phase 0

- 0 Prepare for Deployment
 - 0 Create software deployment team
 - 1 Review documents
 - 2 Develop high level deployment plan
 - 3 Establish deployment partnership

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Phase 1

- 1 Refine and Promote Plan
 - Refine deployment plan
 - Finalise deployment plan
 - Launch deployment

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Phase 2

- 2 Deploy Software
 - Achieve quick wins
 - Execute deployment plan
 - Identify new business needs
 - Update business plan

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Checklists

- IBM Deployment Checklists
 - Each step
 - Multiple checks
 - Identify ownership
 - Agreement date
 - Example
 - Step 5 - finalise the deployment plan

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Step 5 Checklist

	Activity	Owner(s)	Completion Date	Notes
	Review and finalise plans			
	Gain agreement on project controls			
	Finalise project ownership			
	Finalise deployment milestones and metrics			

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Best Practice

- Identify sponsor and stakeholders
- Centralise software fulfilment
- Implement license management tool and process
- Hire deployment services
- Determine deployment readiness
- Commit to self-sufficiency
- Define time to value and return on investment (ROI)
- Communicate and market vision

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Global Software Deployment


- Business landscape description
- Global
 - 'Business in more than one location'
- Planning

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Software Deployment Resources


- Many tools and techniques
- Combine uniquely
- Communication tools
 - Email
 - Instant messaging
 - Forums
 - Portals
 - Web conferencing

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- IBM (2004). *The Software Deployment Mystery – Solved: A Customer Guide*. IBM Redbooks. [Available Online]
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Any Questions?

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