



COBIT 4.1 Foundation Exam Revision on a page!

IT Governance					
4 Principles of IT Governance Direct and Control Responsibility Accountability Activities			5 Benefits of IT Governance Confidence of top management Responsiveness of IT to the Business Higher ROI More reliable services More transparency		
COBIT Characteristics, Focus Areas & Management Guidelines					
4 Main Characteristics of COBIT Business Focused <ul style="list-style-type: none"> 7 Information Criteria 17 Business Goals → 28 IT Goals → 34 IT Processes 17 Business Goals are arranged by Balanced Scorecard: - Financial, Customer, Internal, Learning and Growth 4 types of IT Resource: Apps, People, Info, Infrastructure Process-Oriented <ul style="list-style-type: none"> 4 Domains and 34 Processes Controls-Based <ul style="list-style-type: none"> 6 Generic Process Controls (PC1 – PC6) 210 Control Objectives – implement by Control Practices 6 Application Controls (AC1 – AC6) Measurement Driven <ul style="list-style-type: none"> Performance Measurement: <ul style="list-style-type: none"> Outcome Measures “lag” (formerly KGI) Performance Indicators “lead” (formerly KPI) Maturity Model <ul style="list-style-type: none"> 0 Non-existent 1 Initial 2 Repeatable 3 Defined 4 Managed 5 Optimised 			COBIT Focus Areas Strategic Alignment “SA” Value Delivery “VD” Risk Management “RM” “Saved 2 rooms after noon” Resource Management “RM” Performance Measurement “PM”		
			Management Guidelines <ul style="list-style-type: none"> for each COBIT process Inputs Outputs RACI chart: Activities against Functions (i.e. roles) Goals and Metrics - for IT, Process and Activity		
			RACI = Responsible, Accountable, Consulted, Informed		
COBIT Cube					
Business Requirements (Information Criteria) Availability Confidentiality Effectiveness Efficiency Reliability (of information) Integrity Compliance			Domains Plan & Organise (PO) Acquire & Implement (AI) “PO AIDS ME” Deliver & Support (DS) (Post Office aids me) Monitor & Evaluate (ME)		
Resources Applications – S/W People Infrastructure – H/W, O/S, Nets, Facilities Information			“APII” (happy)		
			Other Frameworks ITIL – IT infrastructure library ISO 27002 (was ISO 17799) – Information security CMMI (was CMM) – Capability maturity model integrated COSO – financial and internal controls but not IT specific		
COBIT Implementation Steps					
1. Identify Needs 2. Envision Solution 3. Plan Solution 4. Implement Solution 5. Operationalise Solution					
COBIT Assurance					
Assurance Roadmap: Plan Scope Execute					
Execution Roadmap: 6 steps					
Step 1	Step 2	Step 3	Step 4	Step 5	Step 6
Refine Understanding	Refine Scope	Test Effectiveness of Control Design	Test Outcomes of Control Objectives	Document Weaknesses	Develop & Communicate Conclusion and Recommendations
VAL IT	Doing right things?	Doing right way?	Getting them done well?	Getting the benefits?	
VAL IT Domains	Value Governance (VG)	Portfolio Management (PM)	Investment Management (IM)	“IM VG PM” “I’m very good in the afternoon”	