



## **ITIL<sup>™</sup> Edition 2011 Processes & Functions**

ww.mService	<b>Design</b> ew-itsm.com w	ww.mountainvie	Transition www
oordination of the service design stage are met by e point of coordination and control for all is stage of the service lifecycle.	Availability Management           To ensure that an agreed level of IT service is provided for all current IT services, and that future services are delivered to agreed achievable targets.	Service Transition Planning & Support	To provide objective evidence th business requirements, including
s include: Id methods oilities	Reactive activities •Monitoring, measuring, analysing, reporting and reviewing service and component availability •Investingting and service and component unavailability and instigating	1/// Test and they require the resources to ensure that they require the resources to ensure that they require the requirements of service strategy encoded in service design are effectively realized in service operation.	•Validation and test management •Plan and design tests
de:	remedial action Proactive activities •Planning and designing new or changed services •Determining the VBFs, in conjunction with the business & ITSCM •Risk assessment and management •Implementing cost-justifiable counter-measures, including risk reduction and recovery mechanisms	•Establish the Transition strategy •Establish the Service transition lifecycle stages •Prepare for service transition •Planning and coordinating service transition •Provide transition process support	•Verify test plans and test design •Prepare test environment •Perform tests •Evaluate exit criteria and report •Test clean up and closure
s, Business & IT strategy, plans and financial ervice portfolio, constraints and resource ate, legal and regulatory policies and	<ul> <li>Reviewing all new and changed services and test all availability and resilience mechanisms</li> <li>Continual reviewing and improvement</li> </ul>	Change proposal Authorized change. Service design package: Release package	The Service Package, SLP, Service Design Package, Release and Depl
CMS, EA, Metrics	Business impact information, Reports and registers, Service information, Service information, Financial information, Change and release information, Service asset and configuration management Service targets, Component information, Technology information, performance	definition and design specification, Test plans, Deployment plans, Service acceptance criteria (SAC).	Configuration baseline of the test (including options chosen and contests, Analysis of the results, e.g. results, risks identified during test
Management	The availability MIS (AMIS), Availability plan, Availability and recovery design criteria and proposed service targets for new or changed services, Service availability, reliability and maintainability reports of achievements against targets, PSO, SIP	Transition strategy and budget, Integrated set of service transition plans.	
services and the IT infrastructure meets the e-related requirements in a cost-effective e current and future capacity and			Change To provide a consistent and stand
, Designing resilience,	To ensure that an agreed level of IT service is provided for all current IT services, and that future services are delivered to agreed achievable targets.	To control the lifecycle of all changes, enabling beneficial changes to be made with minimum disruption to IT services. To respond to the customer's changing business requirements while maximizing value and reducing incidents, disruption and re-work.	performance of a service change outcomes, and on existing and pr against its predicted performance
ytical modelling, Simulation modelling,	Designing SLA frameworks     Determining, documenting and agreeing requirements for new services and producing SLRs     Negotiating, documenting and agreeing SLAs for operational services     Monitoring service performance against SLA     Producing service reports		•Evaluation plan •Understanding the intended effer •Understanding the unintended effer •Factors for considering the effer Evaluation of predicted perform
rganization's business strategy, plans and on their current and future requirements, Service Strategy, the IT strategy and plans Jareas of technology	<ul> <li>Conducting service reviews and instigating improvements within an overall service improvement plan</li> <li>Collating, measuring and improving customer satisfaction</li> <li>Reviewing and revising SLAs, service scope and underpinning agreements</li> <li>Reviewing and revising OLAs, underpinning agreements and service scope</li> <li>Developing contacts and relationships</li> <li>Handling complaints and compliments</li> </ul>	<ul> <li>Planning and controlling changes</li> <li>Change and release scheduling (working with release and deployment management when appropriate)</li> <li>Communications</li> <li>Change authorization</li> <li>Ensuring that remediation plans are in place</li> <li>Measurement and control</li> </ul>	•Evaluation of actual performance •Risk management •Evaluation report
Formance information and reports, Workload city and performance reports, Forecasts and lerts and events		•Management reporting     •Understanding the impact of change     •Continual improvement     Typical activities in managing individual changes:     •Create and record the RFC     •Review the RFC	SDP, including service charter and and detailed change documentati results and report
	Business strategy, plans and financial plans, and information on its current and future requirements, BIA, Business requirements, policies and constraints from service strategy, The service portfolio and service catalogue, RFCs, CMS, Customer and user feedback	<ul> <li>Filter changes (e.g. incomplete or wrongly routed changes)</li> <li>Assess and evaluate the change</li> <li>Establish the appropriate level of change authority</li> <li>Establish relevant areas of interest (i.e. who is involved in the CAB)</li> <li>Evaluate the business justification, impact, cost, benefits, risks,</li> <li>Submit a request for evaluation to initiate change evaluation</li> <li>Authorize the change</li> </ul>	Interim evaluation report(s) for ch change management
ontinuity management (BCM) process by sks that could seriously affect IT services, the ovide minimum agreed business continuity-	Service reports, Service improvement opportunities for inclusion in the CSI register, SIP, Service quality plan, SLAs, SLRs, OLAs, Reports on OLAs and underpinning contracts, Service review meeting minutes and actions, Revised requirements for underpinning contracts	•Obtain authorization/rejection •Communicate the decision with all stakeholders and initiator •Plan updates •Coordinate change implementation •Review and close change •Collate the change documentation, e.g. baselines and evaluation reports •Review the change(s) and change documentation	COM \//\//
tegy Analysis (BIA) M_O_R te Storage, ITSCM Recovery Options	Service Catalogue Management	•Opdate service knowledge management system with lessons learned •Close the change document when all actions are completed	these are available in the right pl decisions; and to improve efficient knowledge.
nario review, testing, Change Management	To provide and maintain a single source of consistent information on all operational services and those being prepared to be run operationally, and to ensure that it is widely available to those who are authorized to access it.	Policy and strategies for change and release; kequest for change; change proposal, Plans - change, transition, release, deployment, test, evaluation and remediation, Current change schedule and PSO, CMDB, release package, baseline, Test results, test report	•Establish the Knowledge manage •Establish Knowledge transfer •Manage data, information and ku •Enable the service knowledge m
	<ul> <li>Agreeing and documenting a service definition and description for each service</li> <li>Interfacing with service portfolio management to agree the contents of the service portfolio and service catalogue</li> <li>Producing &amp; maintaining an accurate service catalogue &amp; contents</li> <li>Interfacing with the business and ITSCM on the dependencies of business</li> </ul>	Rejected RFCs, Approved RFCs, Change to the services, service or infrastructure resulting from approved RFCs, Cl, Change schedule, Revised PSO, Authorized change plans, Change decisions and actions, Change documents and records, Change Management reports.	All knowledge, information and d relevant business data.
cial plans, and information on their current mation: from the IT strategy and plans and nuity Strategy and a set of Business	<ul> <li>Interfacing with support teams, suppliers and service asset and configuration management</li> <li>Interfacing with BRM and SLM to ensure that the information is aligned to the business and business process</li> </ul>		knowledge required to make decimaintained within an SKMS.Servic Operation and Operations Staff,
Mans, ITSCM policy strategies, ITSCM plans, ge Assessment Plan, Salvage Plan, Vital and Public Relations Plan, Accommodation	Business information from the organization's business and IT strategy, plans and financial plans, Business Impact Analysis, changes to service requirements, Business requirements, Service Portfolio, CMS, Feedback from all other processes	Service Asset & Configuration Management	
security Management security and ensure that the confidentiality, rganization's assets, information, data and IT ed needs of the business.	The documentation and agreement of a 'definition of the service', Updates to the Service Portfolio: should contain the current status of all services and requirements for services, The Service Catalogue	To ensure that the assets required to deliver services are properly controlled, and that accurate and reliable information about those assets is available when and where it is needed. I.e. details of how the assets have been configured and the relationships between assets.	To plan, schedule and control the to deliver new functionality requirements of existing services.
an overall information security policy and a	Supplier Management		
n and enforcement of the security policies all information assets and documentation on and improvement of a set of security responses all security breaches and major security n of the volumes and impact of security	Ensure that suppliers and the services they provide are managed to support IT service targets and business expectations. To raise awareness of the business context of working with partners and suppliers. Realise business benefit for the organization.	•Management and planning •Configuration identification •Configuration control •Status accounting and reporting •Verification and audit	• Plans for creating and deploying Release build and test     • The release package is built, test Deployment     • The release package in the DML Review and close     • Every and close
surity reviews, audits and penetration tests	Definition of new supplier and contract requirements     Evaluation of new suppliers and contracts     Supplier categorization and maintenance of the supplier and contract management information system     Establishment of new suppliers and contracts     Supplier contract and performance management	Designs, plans and configurations from service design packages, Requests for change and work orders from change management, Actual configuration	achievements are reviewed and
povernance and business security policies and halysis and responses, IT information, Service ses and reports, Details of all security events n, CMS	•Contract renewal or termination     •Contract renewal or termination	information collected by tools and audits, Information in the organization's fixed asset register.	Authorized RFC, Service package IT service continuity plan and rel Management and operations plans standards and catalogues
urity Management Information System (SMIS), eports, Security controls, Audits and audit nd plans, Security breaches and major ty policies	Supplier and contracts strategy, Supplier plans and strategies, Supplier contracts, agreements and targets, budgets           SCMIS, Supplier and contract performance information and reports, Supplier and contract review meeting minutes, Supplier SIPs, Supplier survey reports	New and updated configuration records, Updated asset information for use in updating the fixed asset register, Information about attributes and relationships of configuration items, for use by all other service management processes	Release and deployment plan, Co deployment activities, Service no the relevant information about th Service Management documentation
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Change. The	daily operational activities needed to manage the IT Infrastructure. It has two sub-functions: bons Management sponsible for the daily operational activities needed to manage the IT Infrastructure. This is d vice Design. There are two sub functions: ons Control staffed by shifts of operators and which ensures that routine operational tasks are carried out. and control activities, usually using an Operations Bridge or Network Operations Centre. Management ement of the physical IT environment, Data Centers or computer rooms. Often Technical and / in large Data Centers.	IT Operations Control and Facilities Management To provide detailed technical ski important role in the design, test In Operations Control will also provide centralized Application Management are co-located with IT To provide detailed technical ski To provide detailed technical ski important role in the design, test Mainframe, Server, Network, Sto -Custodian of technical knowled Ensures that the knowledge rec Forsures that the knowledge rec Support IT services -Identifying the knowledge and -Documentation of the skills the -Design and delivery of training	Itechnical Manageria (Construction)
sperts), SKMS, CMS, HVAC, Surve	Restore, Monitoring tools and agents, Remote desktop tools eillance cameras, access card readers	Service Portfolio, Service Pipelir	ne, Service Catalogue, SLP, SDP, LOS, Service Acce
Standard Op	COMERCISCOP), Operations Logs, Shift Schedules and Reports, Operations Schedule	e, IT Operations Management metrics Measurement of agreed outputs, Training and skills development	process metrics, metrics, Mean Time Between Failu

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