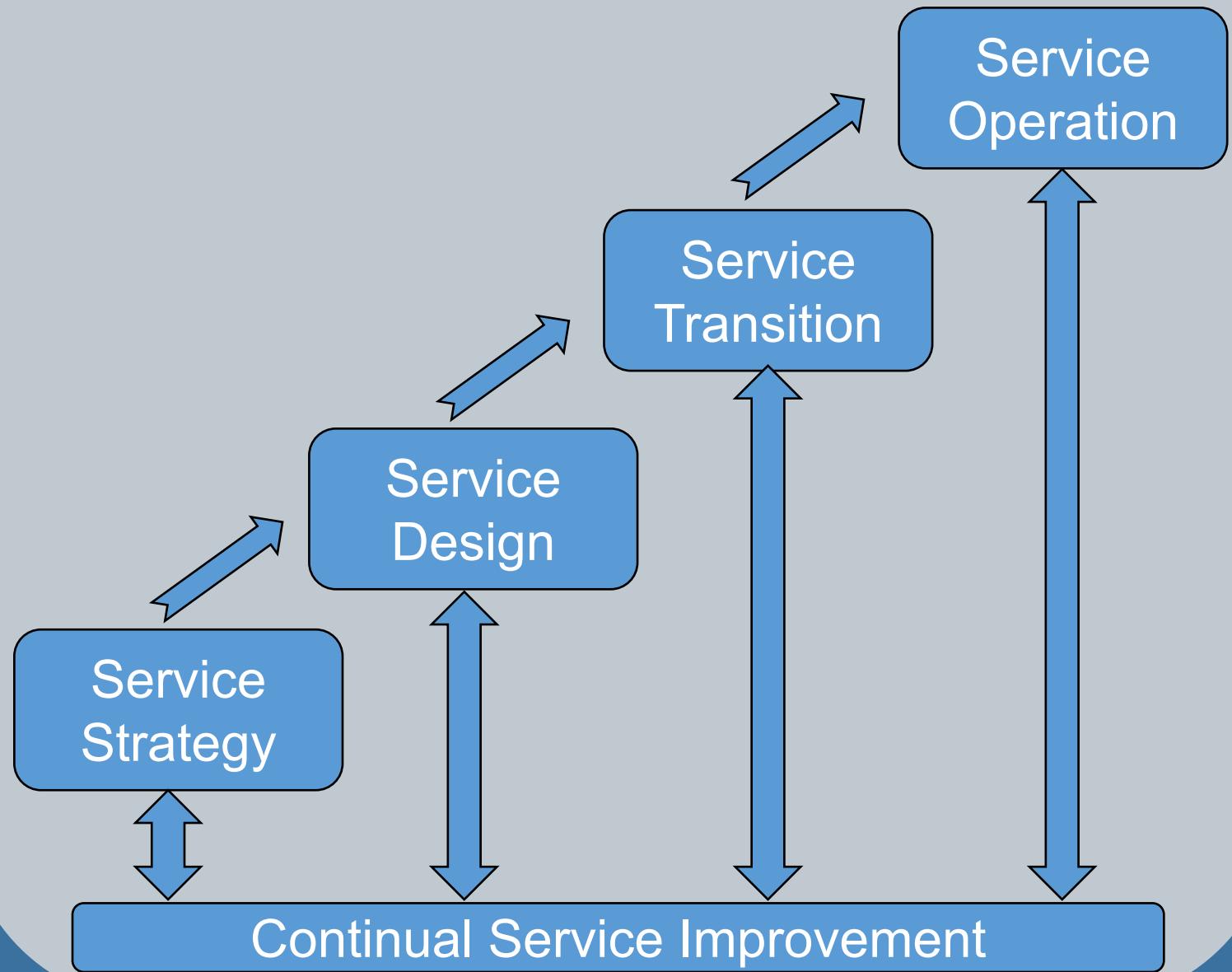




# Service Transition (Overview)

*ITIL Foundations*

# ITIL Lifecycle With Feedback



# Service Transition

Stage when services are built

- Purchase
- Installation
- Configuration
- Testing
- Launch
- Operations begin



# Coordination is Key!

Service Transition requires coordination:

- Stakeholders
- Customers
- Users
- Support Organizations



# Testing of Service Transition

End to end testing to include

- Hardware
- Software
- Processes
- Procedures
- Support Agreements



# Key Takeaways

- Physical development and implementation of service
- Thoroughly tested and fielded into a live environment with no shortcomings identified
- Configuration has been documented
- Operations has been trained and ready to receive the new service





# Objectives of Service Transition

*ITIL Foundations*

# Objective of Service Transition

- To plan and manage service changes while managing the risks involved in the transition
- To ensure the services meet the current and future needs of the business by creating value



# Objectives of Service Transition

- Plan and manage service changes efficiently and effectively
- Manage risks
- Successful deploy versions into supported environments
- Expectation management
- Creation of business value
- Gain knowledge and understanding



# Plan and manage service changes efficiently and effectively

- Utilizing the eight processes in Service Transition allows you to efficiently and effectively plan, field, and manage new, changed, or retiring services



# Manage Risks

- Change always involves some risk
- Imperative that Service Transition team understands the “uncertainty of outcome” and provide oversight, mitigations, and management to minimize those risks



# Successful deploy versions into supported environments

- Team must ensure that extra resources, training, documentation, awareness, and understanding have been gained in order to successfully deploy new or changed services
- Should include both the operators of the service and the customers



# Expectation Management

- Ensure that the customers are aware of the new or changed services and how the services are different
- How are they faster, slower, cheaper, better?
- Get the customer involved in pilots and acceptance testing



# Creation of Business Value

- Services must provide business value
- Must ensure services have created the agreed-upon and documented business value before ending the Service Transition phase



# Gain Knowledge and Understanding

- Create an effective knowledge and information management system to ensure knowledge is gained and converted to understanding
- Tools can help with this but so must the customer and service providers





# Outsourcing in Service Transition

*ITIL Foundations*

# Outsourcing

- If you have chosen to outsource services or parts of a service, now is the time to setup the appropriate contracts
- If you do this, then have changed from being the provider to the customer



# Outsourcing

- Outcomes are facilitated by the services without the specific detailed costs and risks
- Many ways to outsource services...



# Traditional Outsourcing

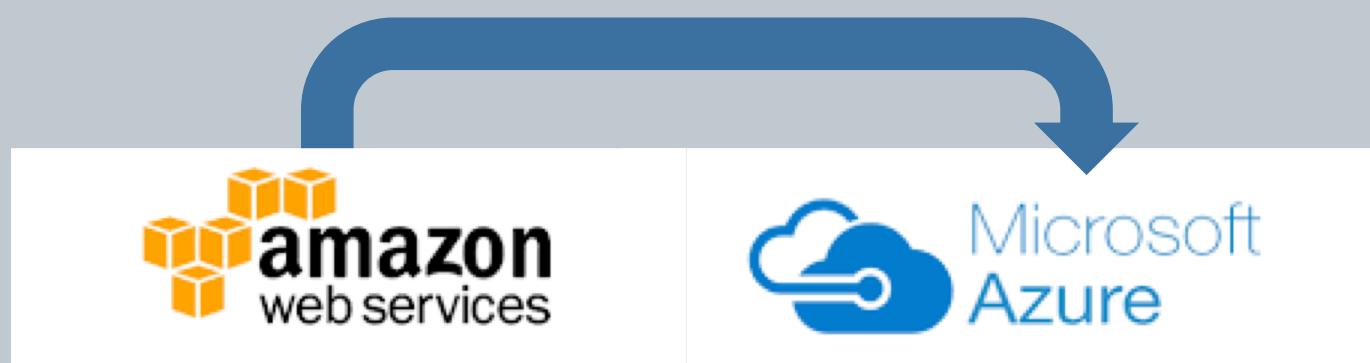
- You transfer services from internal provisioning to an external supplier
- Example:  
Developed a website in house, but  
don't host it on your own architecture



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# Changing Outsourcing

- You transfer services from one external supplier to another external supplier
- Example:  
Migrate your webserver from Amazon Web Services to Microsoft Azure



# Re-Insourcing

- You transfer services from an external supplier to your in-house team
- Example:  
You hired a firm to build your new website, but decide to maintain it and update it yourself in the future



# Partnership or Co-Sourcing

- You migrate to a partnership agreement where some pieces of the service are outsourced, but others remain in-house
- Example:

You hired a firm to build your new website, but decide to host it on your own servers while they continue to maintain and update it



# Co-Sourcing/Multi-sourcing

- Utilize multiple suppliers
- Note:  
Increases service level management and supplier management challenges
- Example:  
You hired a firm to build your new website, but decide to host it on a different firm's web servers





# Transition Planning & Support

*ITIL Foundations*

# Purpose

- Provide overall planning for the Service Transition stage and coordinate the required resources
- Planning occurs for all related projects and programs during this stage



# Functions

- Plan and coordinate resources to ensure multiple concurrent transitions can occur seamlessly
- Lead major changes through the transition stage
- Migrate new or changed services to Service Operations within the agreed-upon time, cost, and quality



# Functions

- Establish new or improved management systems and tools, technology and management architectures, processes, measurement methods, and metrics
  - 5 pieces of holistic Service Design
- Provide comprehensive transition plans to align business changes and the service transition



# Functions

- Identify, manage, and control risks across the other seven (7) Service Transition processes
- Continually monitor and improve the Service Transition stage performance



# Who Does The Planning?

- It's important to note that the Transition Planning and Support process doesn't do the planning itself
- It only ensures that planning is carried out per the service provider's policies





# Knowledge Management

*ITIL Foundations*

# Purpose

- To share perspectives, ideas, experiences, and information
- To ensure these are available at the right time to make correct decisions
- To improve efficiency by reducing the need to rediscover knowledge



# Functions

- Ensure that reliable and secure data, information, and knowledge are available to decision makers in order to improve quality and drive down cost
- Ensure service management data, information, and knowledge are collected, analyzed, stored, used, shared, and maintained



# Functions

- Create and maintain an information management system to securely store data, information, and knowledge
  - Service Knowledge Management System (SKMS)

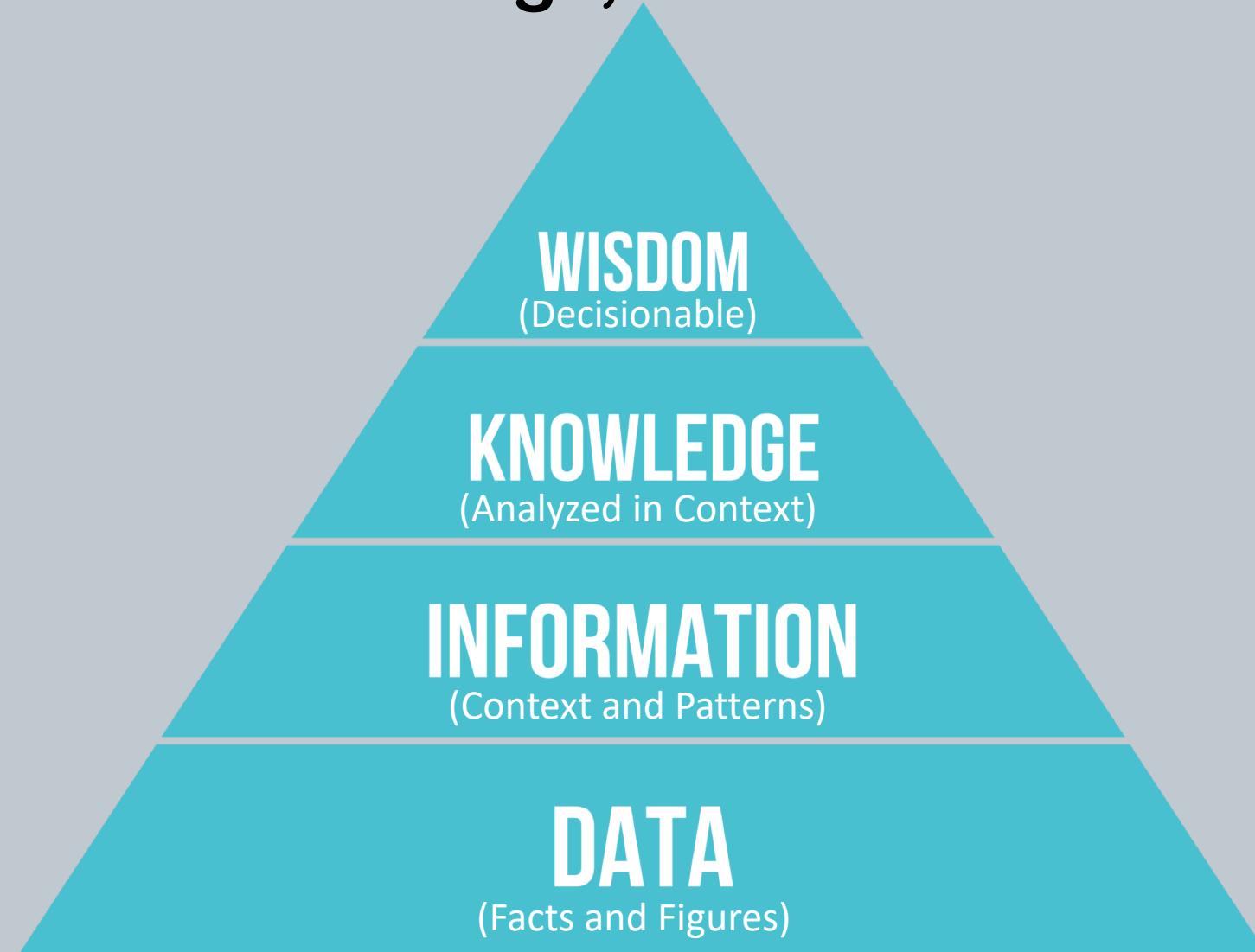


# KM's Place in the Lifecycle

- KM really must occur in all stages of the ITIL lifecycle
- Your KM program is only as good as your ability to get people to use it...



# Data, Information, Knowledge, and Wisdom



# Service Knowledge Management System (SKMS)

- Data comes from many sources (config DBs, service management tools, and even open-sources)
- Contains all the data in a collection of repositories and systems
- Houses the Configuration Management System and in turn contains the Configuration Management Databases



# Service Knowledge Management System (SKMS)

## Service Knowledge Management System (SKMS)

Contains CMS, service portfolios, service level agreements, capacity plan, user skill levels, technical documentation, and more

## Configuration Management System (CMS)

Contains CMDBs and the tools used to manage themselves, the CMDBs, and the knowledge derived from these different tools

## Configuration Management Database (CMDB)

Contains configuration item records for incidents, service requests, problems, known errors, changes, released, and more





# Service Asset and Configuration Management

*ITIL Foundations*

# Purpose

- Ensures assets needed to deliver services are managed and accurate/reliable information is available for those assets
- *Service Asset and Configuration Management (SACM) is vital to knowledge management*



# SACM Considerations

- Don't start SACM until change control and change management are in place
- Relationships between configuration items is what makes the SACM powerful instead of a simple asset list
- Identify, control, record, report, audit, and verify services and configuration items (CIs) including their relationships to each other



# Functions

- Accurate information on configuration items is essential
- Historical information on configuration items is necessary
- SACM ensures only authorized components are utilized in architecture



# Functions

- SACM ensures only authorized changes occur in the architecture
- SACM supports other processes in all stages of the lifecycle
- SACM may seem boring but it is crucial to your organizational success across various other processes



# SACM Definitions

- Configuration items
- Categories
- Levels
- Naming
- Labels
- Attributes
- Configurations
- Baselines
- Configuration Management System
- Definitive Media Library (DML)





# SACM Definitions and Concepts

*ITIL Foundations*

# SACM Definitions

- Configuration items
- Categories
- Levels
- Naming
- Labels
- Attributes
- Configurations
- Baselines
- Configuration Management System
- Definitive Media Library (DML)



# Configuration Items (CIs)

- CIs are the individual records in your Configuration Management Database (CMDB)
- CIs are components or service assets that need to be identified and managed



# Categories

- Hardware
  - Workstations, servers, switches, ...
- Software
  - OS, productivity, in-house built, ...
- People
  - Users, customers, technical staff, ...
- Documentation
  - End user, admin guides, plans, ...
- Physical locations
  - Server rooms, buildings, ...



## Levels

- How detailed does your Cls need to be to support your service needs?
- Do you need to know every CPU in every workstation or just how many workstations?
- Depends on your organizations role and any outsourcing being conducted



# Naming

- Utilize a uniform naming convention
- Do we call all mobile devices one thing, or break them into Laptops, Tablets, Smartphones, and PDAs?
- Do we break them down based on their Operating Systems (Android, iOS, Windows)?



# Labels

- How are you going to label assets?
- Workstations are easy
  - Use a barcoding system
- People and electronic software are harder
  - Unique employee identifier
  - Electronic tracking of software by virtual asset tags



# Attributes

- What information do you want to know about the Configuration Item (CI)?
- Universal attributes:
  - Description, Unique ID, Location
- Other attributes can be customized based on the type of asset
- CMDBs are relational databases
  - Don't repeat information multiple times, instead just link to it



# Configurations

- Group of CIs to makeup a specific build or architecture
- Created by linking several CIs in a relationship
- KM system may be one configuration which is made up of numerous assets (servers, software, people) from various CIs



# Baselines

- Snapshot of a particular configuration at a moment in time
- Starting point when equipment arrives
- Must document any changes from the baseline to account for the difference between the design and operation
- Most common baselines used are for workstations and servers



# Configuration Management System

- Essential set of tools, data, and information on configurations
- Part of the Service Knowledge Management System (SKMS) and each SKMS can only have one CMS
- Includes information on incidents, service requests, changes, problems, releases, errors, and more



# Definitive Media Library (DML)

- Secure storage area for authorized software versions for every CI
- Includes the licensing information and documentation
- Everything must be quality checked before being put into the DML
- *We will cover this more in the Release and Deployment Management lesson*





# SACM's 5 Principles

*ITIL Foundations*

# Five Principles of SACM

- Planning and Management
- Identification
- Control
- Status Accounting
- Verification and Audit



# Planning and Management

- First major activity is planning
- Must plan to introduce/develop SACM, including resources required, size of CI types, CI levels, and the management tools needed



# Identification

- Designate the CI types
- Agree on naming conventions
- Decide on unique identifiers for assets
- Choose proper CI attributes



# Control

- Integrate SACM into the processes that produce changes to keep CI information up to date:
  - Change Management
  - Release and Deployment Management
  - Incident Management



# Status Accounting

- Status of a CI changes over time
- Create standard status codes  
(Example for computers):
  - Ordered
  - Received
  - Configured
  - Installed
  - Repaired
  - Retired
  - Disposed

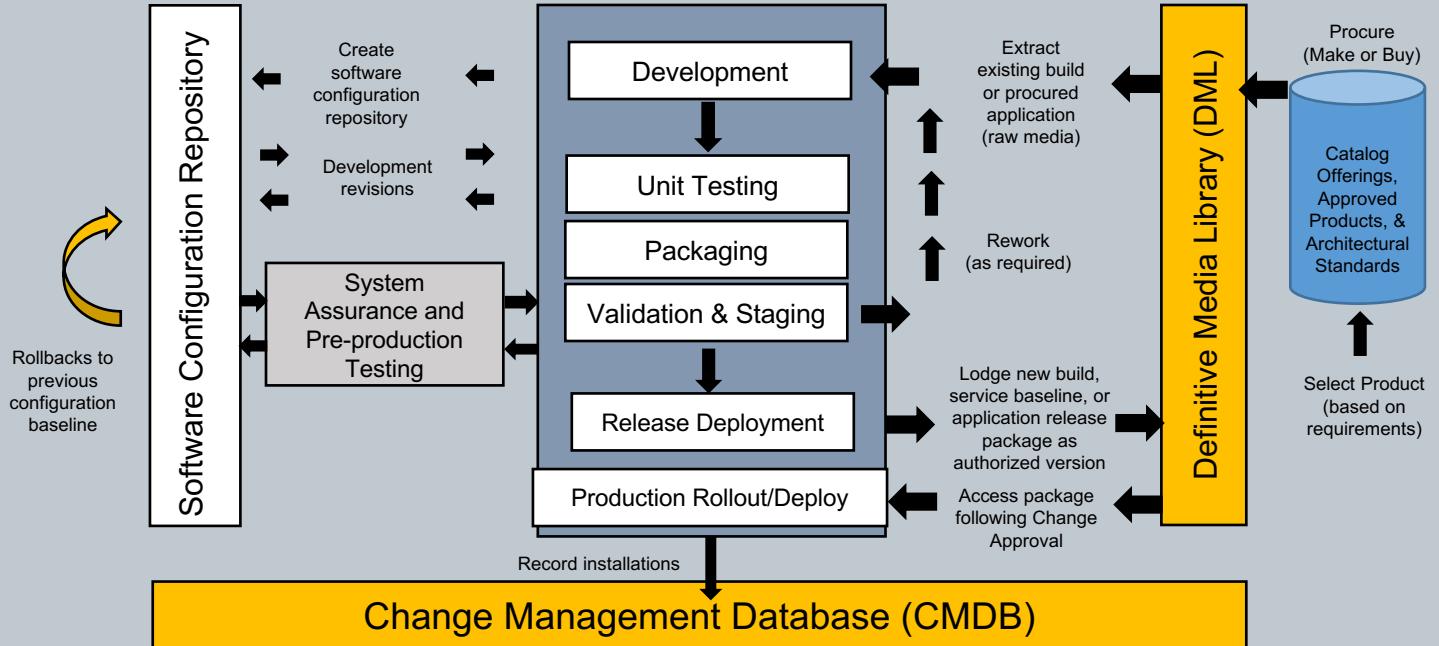


# Verification and Audit

- Verify and audit SACM to determine if it is effective
- Are users and employees using it?
- Is it up to date?
- Don't try to do 100% validation
- Spot check it periodically and investigate when a problem is found



# Relationships in the Processes



Service Asset and Configuration Management,  
Change Management, and  
Release and Deployment Management  
all work together!





# Change Management

*ITIL Foundations*

# What is Change?

- Addition, modification, or removal of anything that could have an effect on IT services



# Purpose

- To control the lifecycle of all changes, enabling beneficial changes to be made with a minimal disruption of IT services



# Purpose

- To control the lifecycle of all changes, enabling beneficial changes to be made with a minimal disruption of IT services
- *Have a clear change policy and roles/responsibilities to allow for the control of change*
- *Not just administration of change*



# Purpose

- To control the **lifecycle** of all changes, enabling beneficial changes to be made with a minimal disruption of IT services
- *Changes have their own lifecycle*
- *Some are short and quick*
- *Others take months or years to finish*



# Purpose

- To control the lifecycle of all changes, enabling **beneficial changes** to be made with a minimal disruption of IT services
- *Don't want to change for change sake*
- *Need a beneficial reason to change*
  - *Compliance*
  - *Make more money*
  - *Drive down costs*



# Purpose

- To control the lifecycle of all changes, enabling beneficial changes to be made with a ***minimal disruption*** of IT services
- *Changes cause disruption*
- *Change management focuses on creating the minimal impact to the service*



# Functions

- Respond to change initiating triggers
  - New business requirements
  - Operational failures
  - Improvements and additions
- Record, evaluate, authorize/reject, prioritize, plan, test, implement, document, and review changes

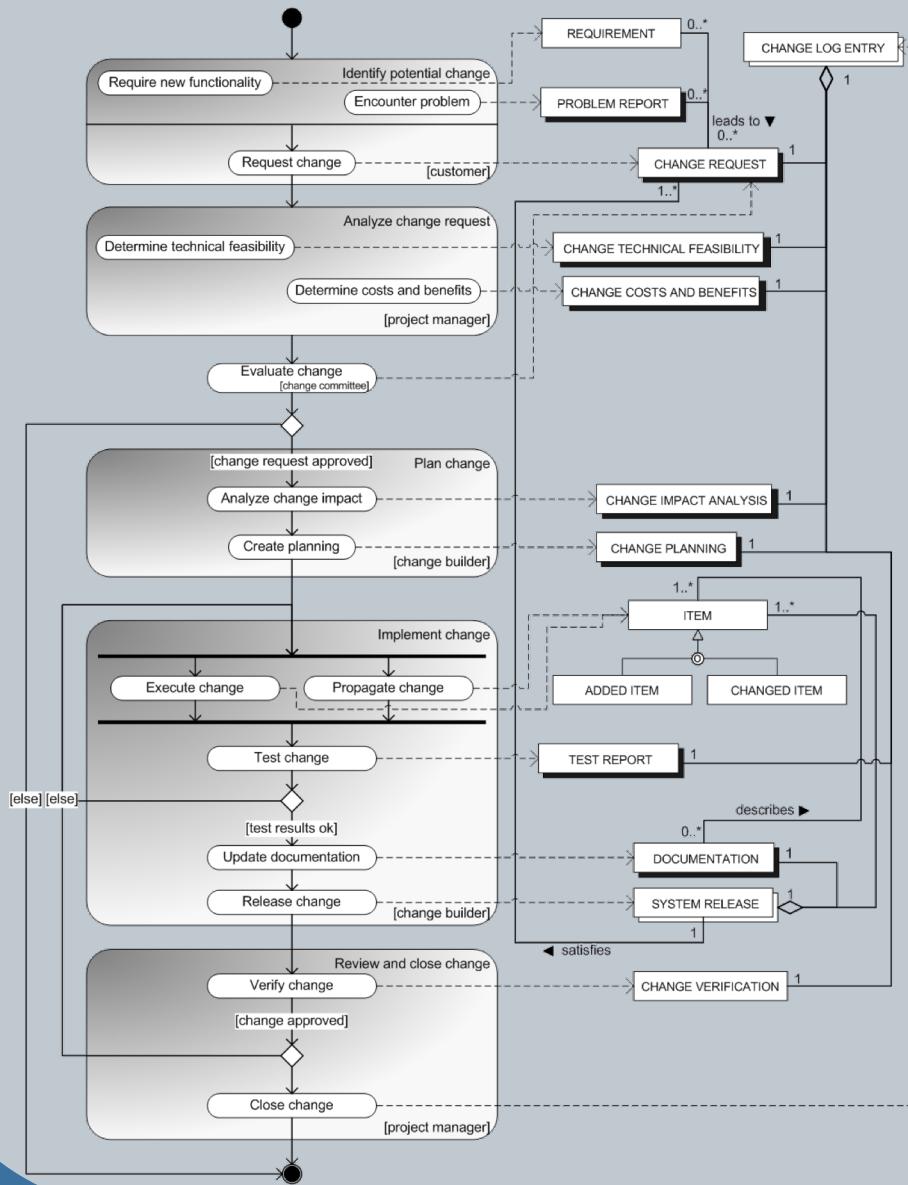


# When Does Change Occur?

- Changes happen at every stage
- Changes happen to the Service Portfolio, Service Catalog, Service Level Agreements, and processes
- Change management needs to be involved with all of these processes



# Change Management Process



Change  
is  
Updated/  
Recorded  
in  
CMS





# 3 Types of Changes

*ITIL Foundations*

# Three Types of Changes

- Emergency changes
- Normal changes
- Standard changes



# Emergency Changes

- Address unforeseen operational issues, such as failures, security threats, and vulnerabilities
- Rapid change is required to continue the business operations
- Emergency changes should still follow the documented procedures, but they just happen much quicker



# Emergency Change Procedures

- Clearly define who can declare an emergency change
- Emergency Change Advisory Board (ECAB) can be called in after hours for decisions
- Testing may be modified or removed
- RFC and documentation are often done after the issue is resolved



# Normal Changes

- Change that has a uniqueness to them that represents a higher risk or uncertainty of outcome
- Default type of change that occurs
- Emergency and Standard are variations on Normal Change procedures
- Example:
  - Adding a new server or service



# Standard Changes

- Typical day-to-day changes that are low-risk and well understood
- Utilizes a shorter version of the Normal Change procedures
- Minimizes bureaucracy and quickly satisfies customer needs
- Example:
  - Moving a workstation to another office



# Standard Change Procedures

- Generally follow a predefined workflow controlled by automation
- Usually an automated system checks initiator has permission to start the process and technicians just work the change ticket to resolution
- Don't need CAB approval since it is approved as part of normal service management (request fulfillment)



# Why Do Changes Fail?

- Wider impact than originally thought
- Insufficient resources (time, money)
- Stakeholder disagreements on who can authorize the change
- Poorly planned or conducted testing
- Users were not ready for change
- Support organizations were not ready
- Change rolled out prematurely due to management pressures
- Two incompatible changes at once





# Change Process Flow

*ITIL Foundations*

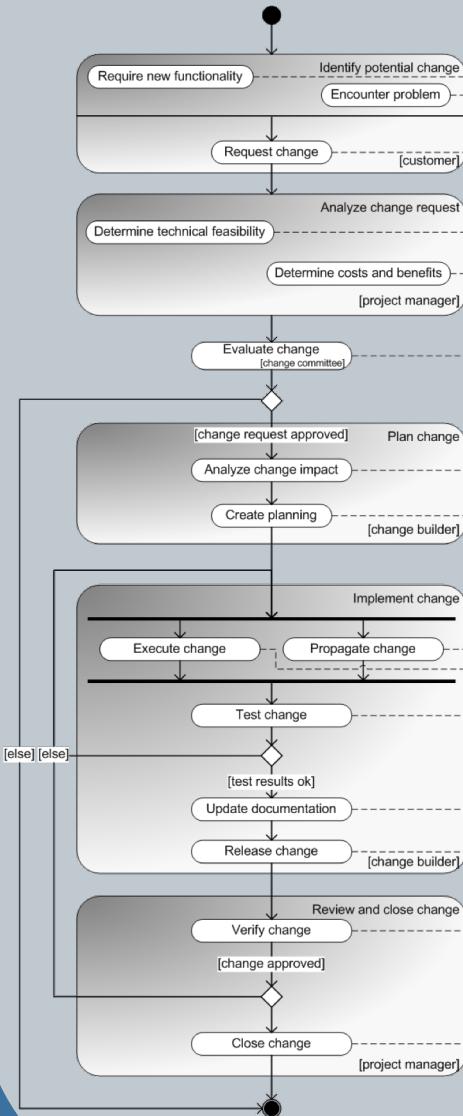
# Change Management is a Process

- A process is a set of coordinated activities combining resources and capabilities to produce an outcome that creates value for the customer
- Processes respond to a trigger, are measurable, produce specific results, and deliver the results to a defined customer

*Review of a Process from Earlier Lessons*



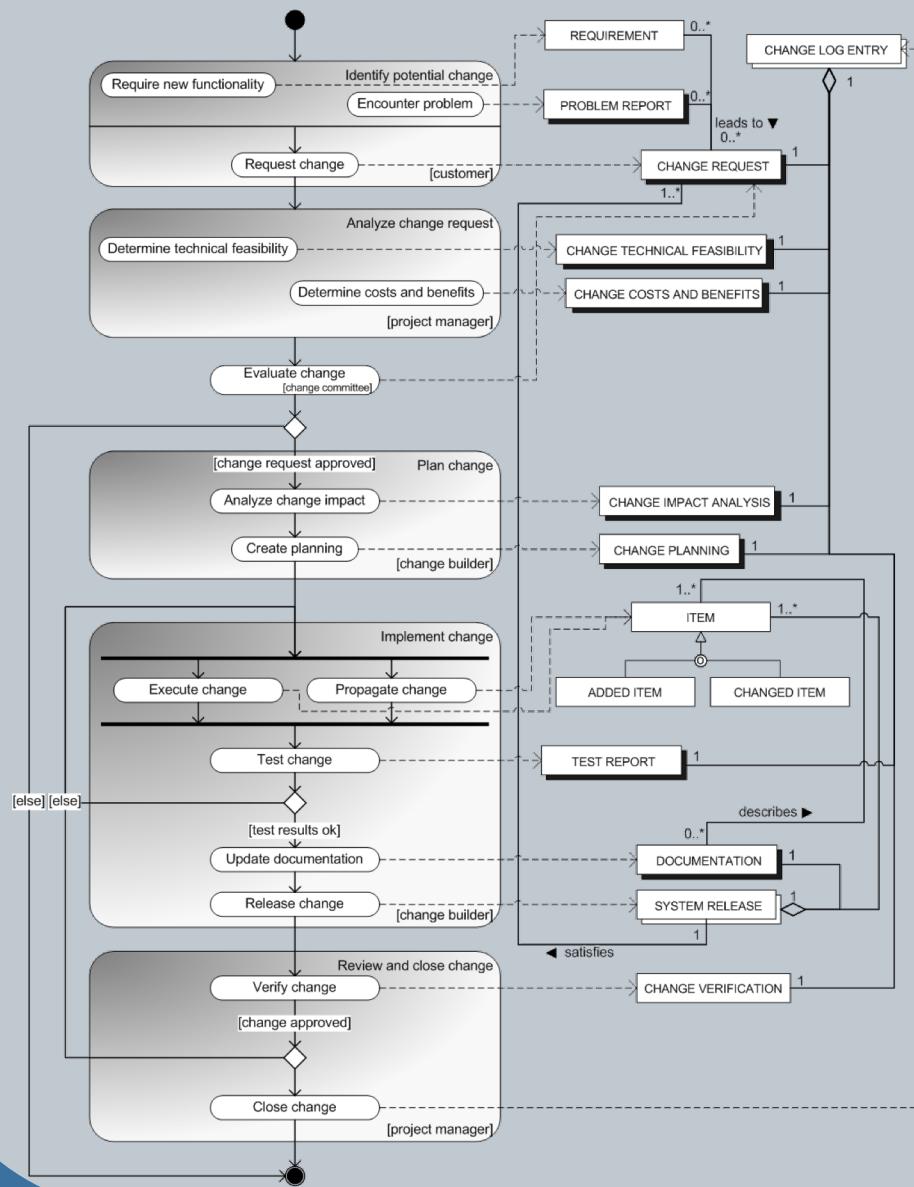
# Change Process Flow



- Initiation
- Initial Review
- Raise RFC
- Assess and Evaluate
- Authorization to Proceed
- Build and Test
- Authorization to Implement
- Implementation
- Remediation
- Review
- Closure



# Change Process Flow

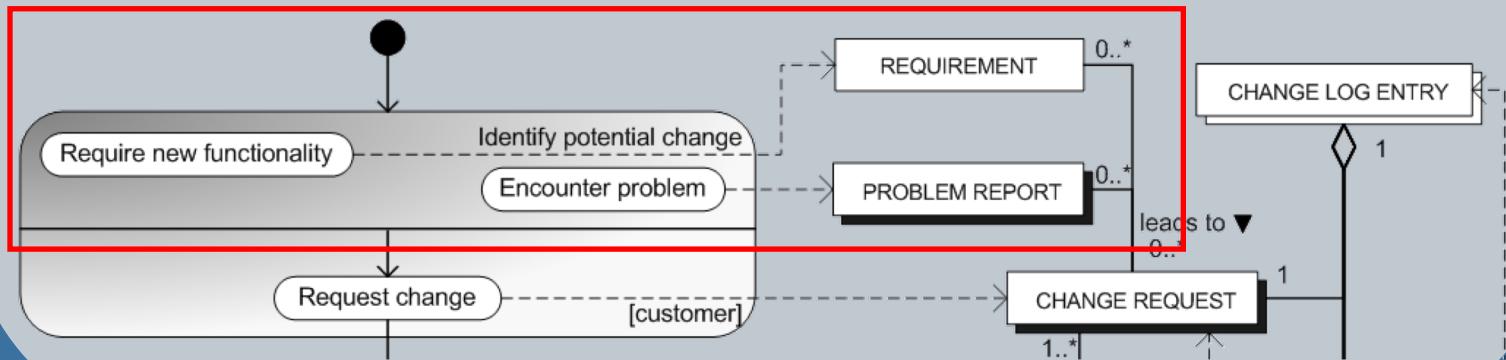


Change  
is  
Updated/  
Recorded  
in  
CMS



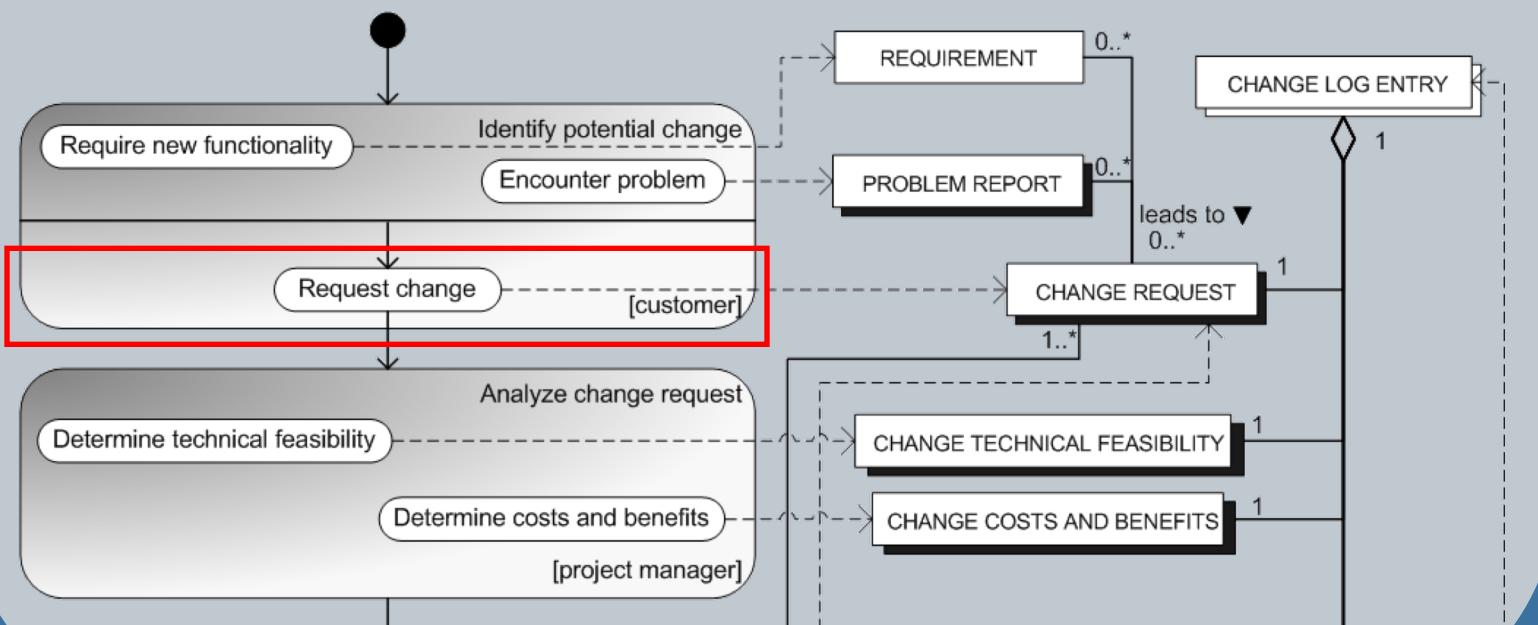
# Initiation

- Change is initiated by a trigger:
  - Service request, continual service improvement, program/project, new legal/compliance requirements, better technology, service failures, etc.
- Change priority must be determined
  - Transition Planning and Support does it



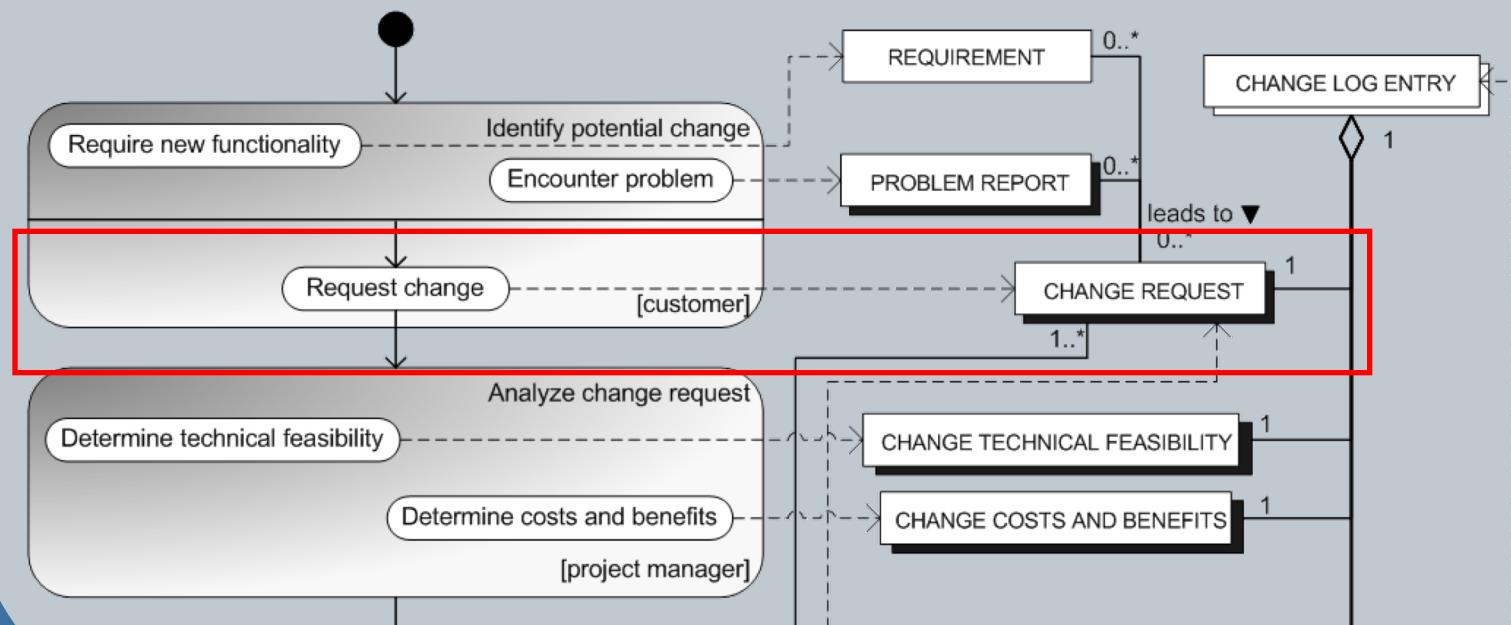
# Initial Review

- Determine if proposed change is realistic and check the priority
- Record this step into CMS



# Raise RFC

- Formal Change Request or “Move, Add, Change” in some organizations
- ITIL uses Request for Change (RFC)



# The Seven (7) R's of RFCs

Raised  
Reason  
Return  
Risks  
Resources  
Responsible  
Relationship

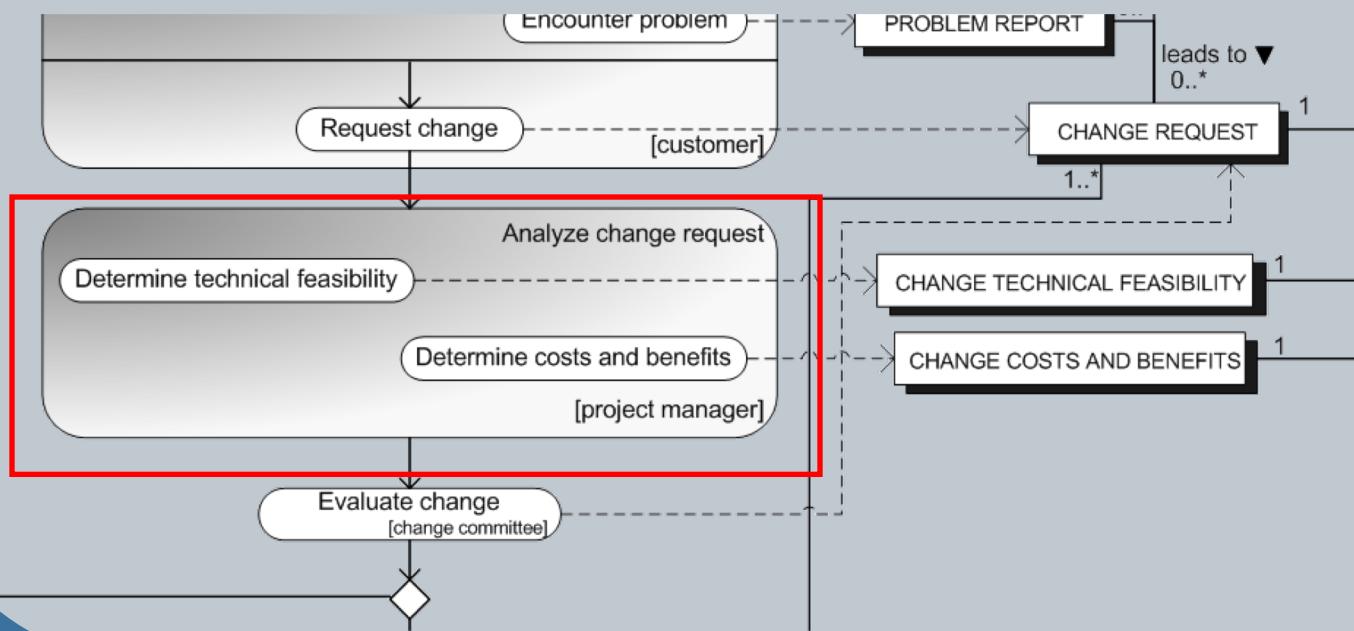
Who request the change?  
Why is it needed?  
What benefits do we get?  
What are the uncertainties?  
What does it cost?  
Who's owner/sponsor?  
Any with other changes we can leverage or deconflict?

*Answered by owner/sponsor, not CM*



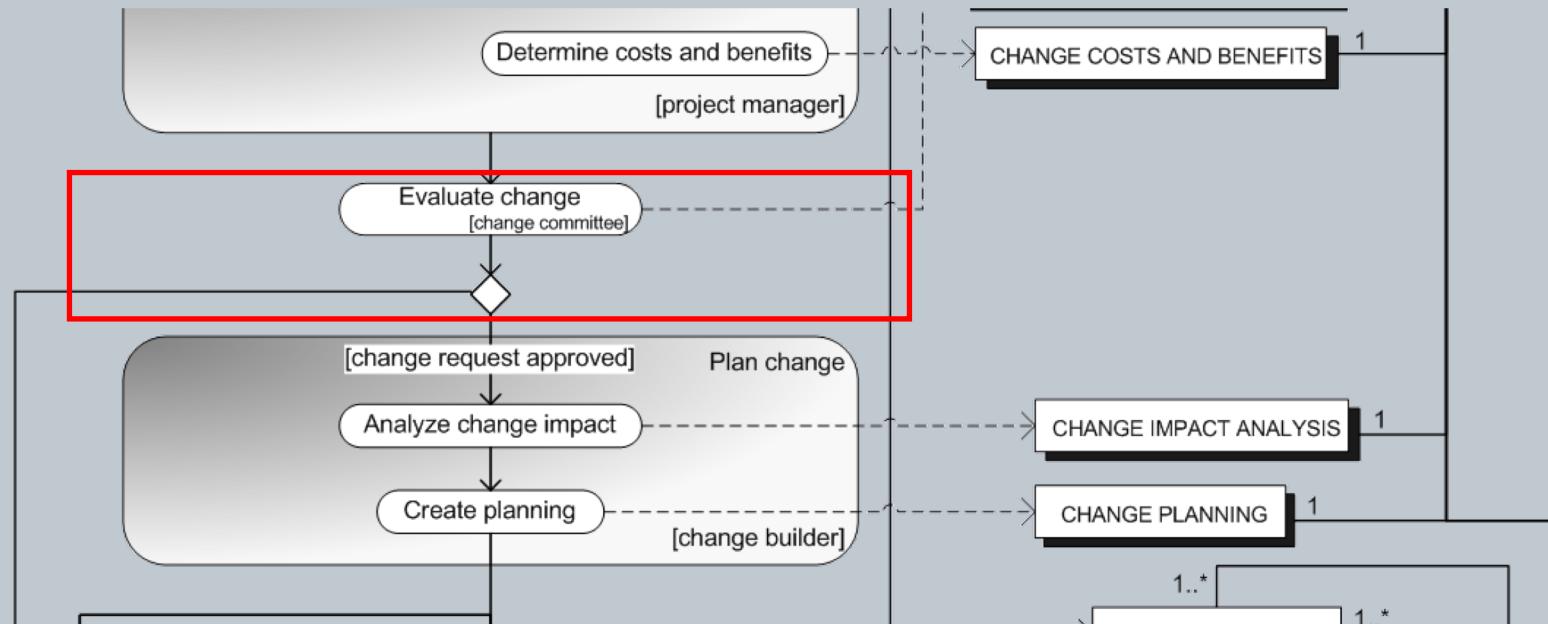
# Assess and Evaluate

- Analyze change and get recommendations from stakeholders
- If your service is being changed, you get a veto!



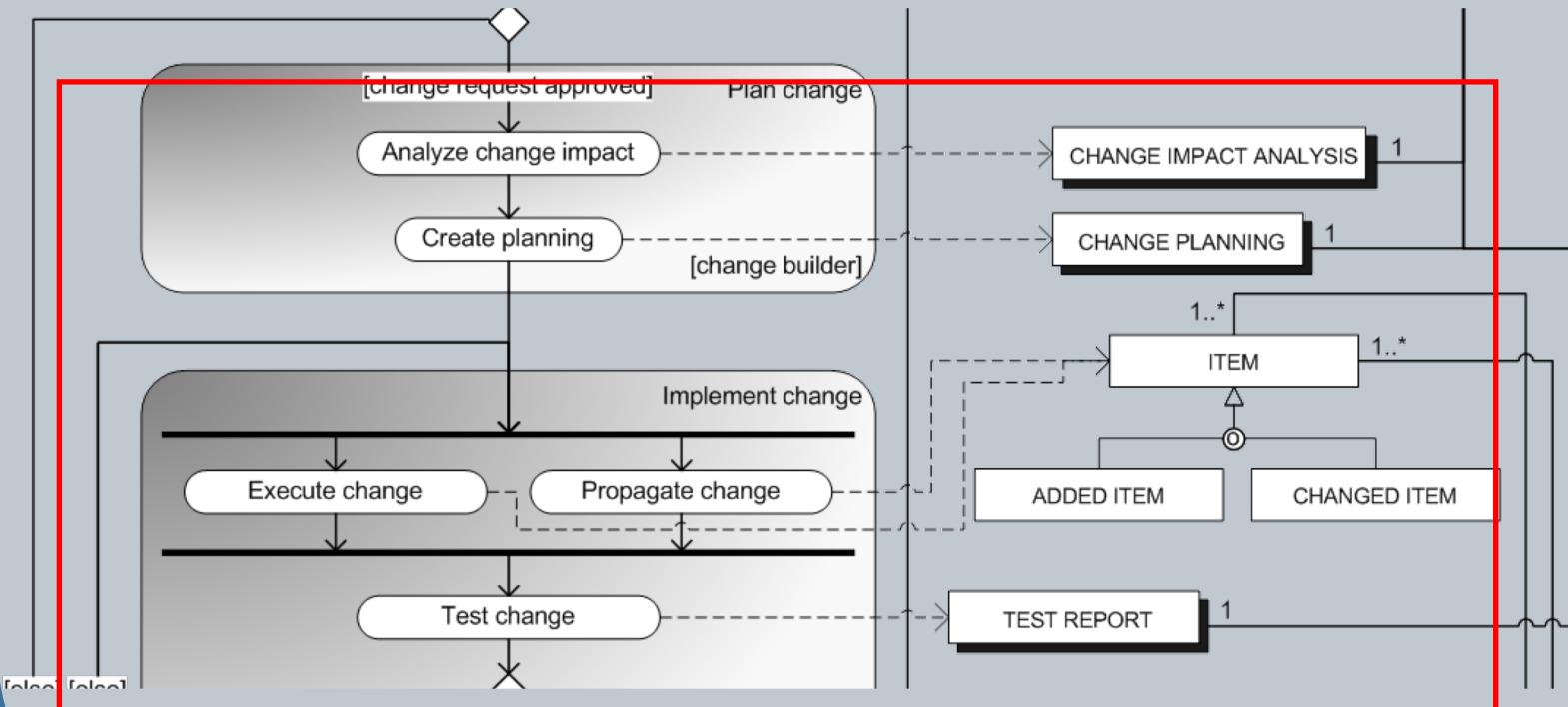
# Authorization to Proceed

- Results of evaluation are presented to the Change Advisory Board (CAB) for approval or rejection of the change



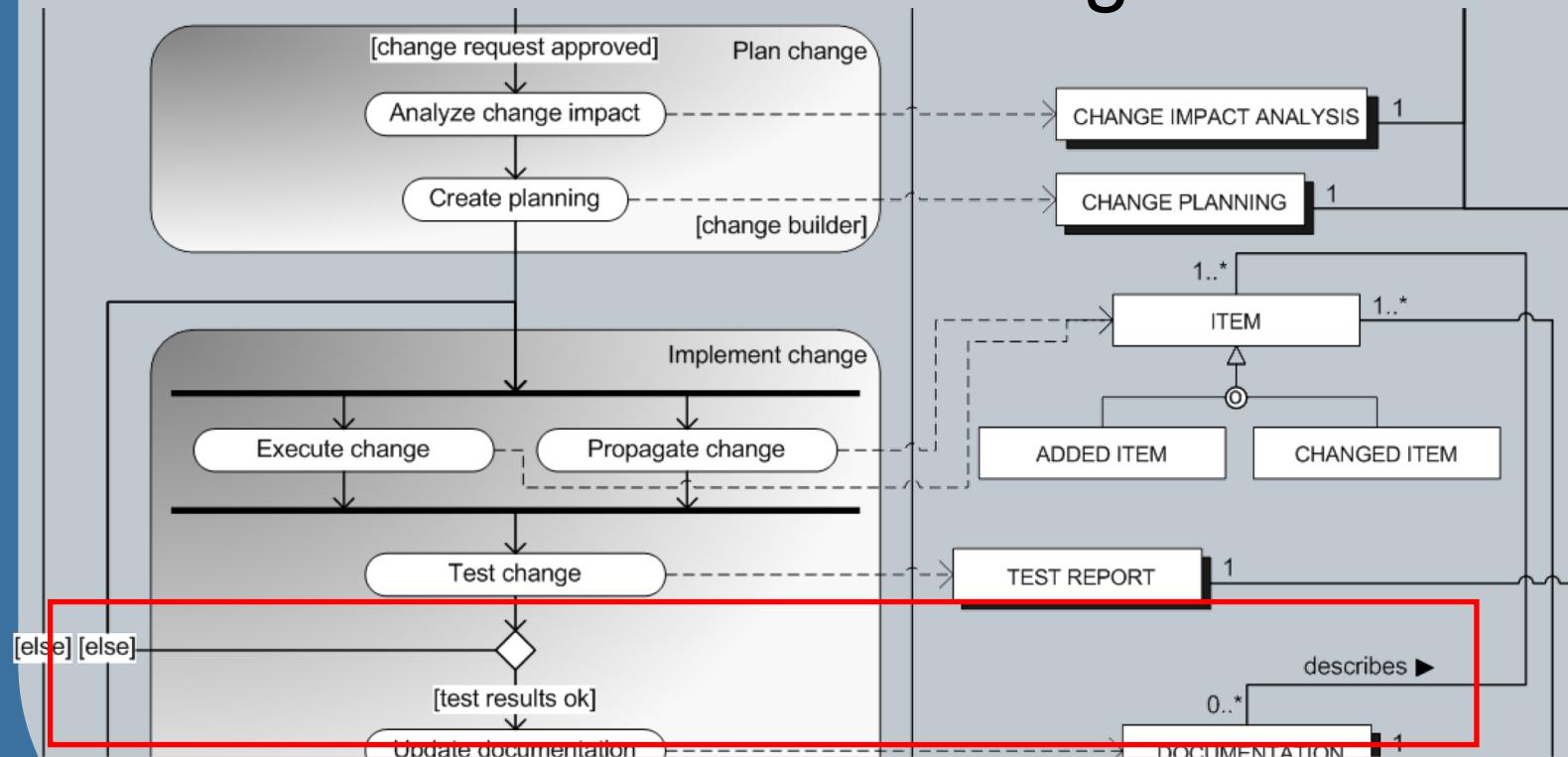
# Build and Test

- Owner/Sponsor builds the service, then Service Validation and Testing will test it (CM only tracks progress)



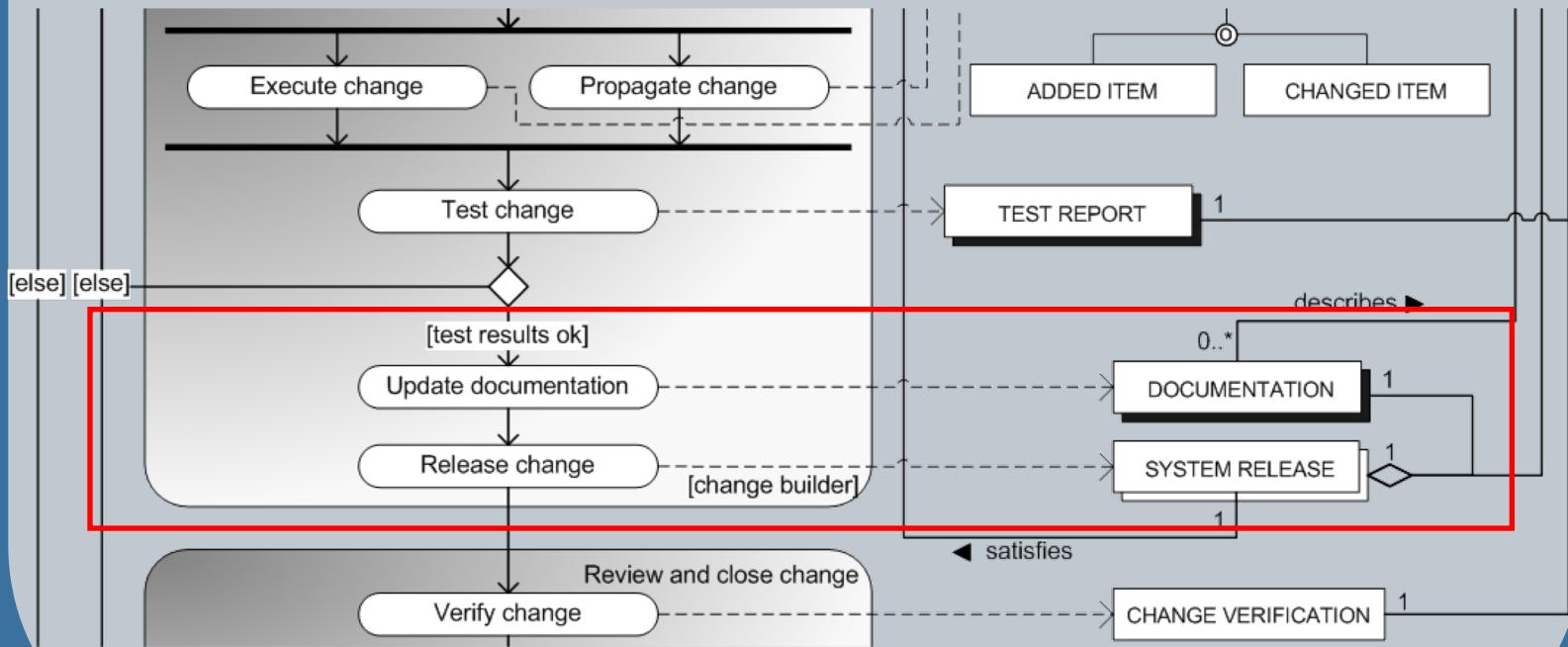
# Authorization to Implement

- Initial test results are presented to the CAB then approval to implement can be obtained and scheduling occurs



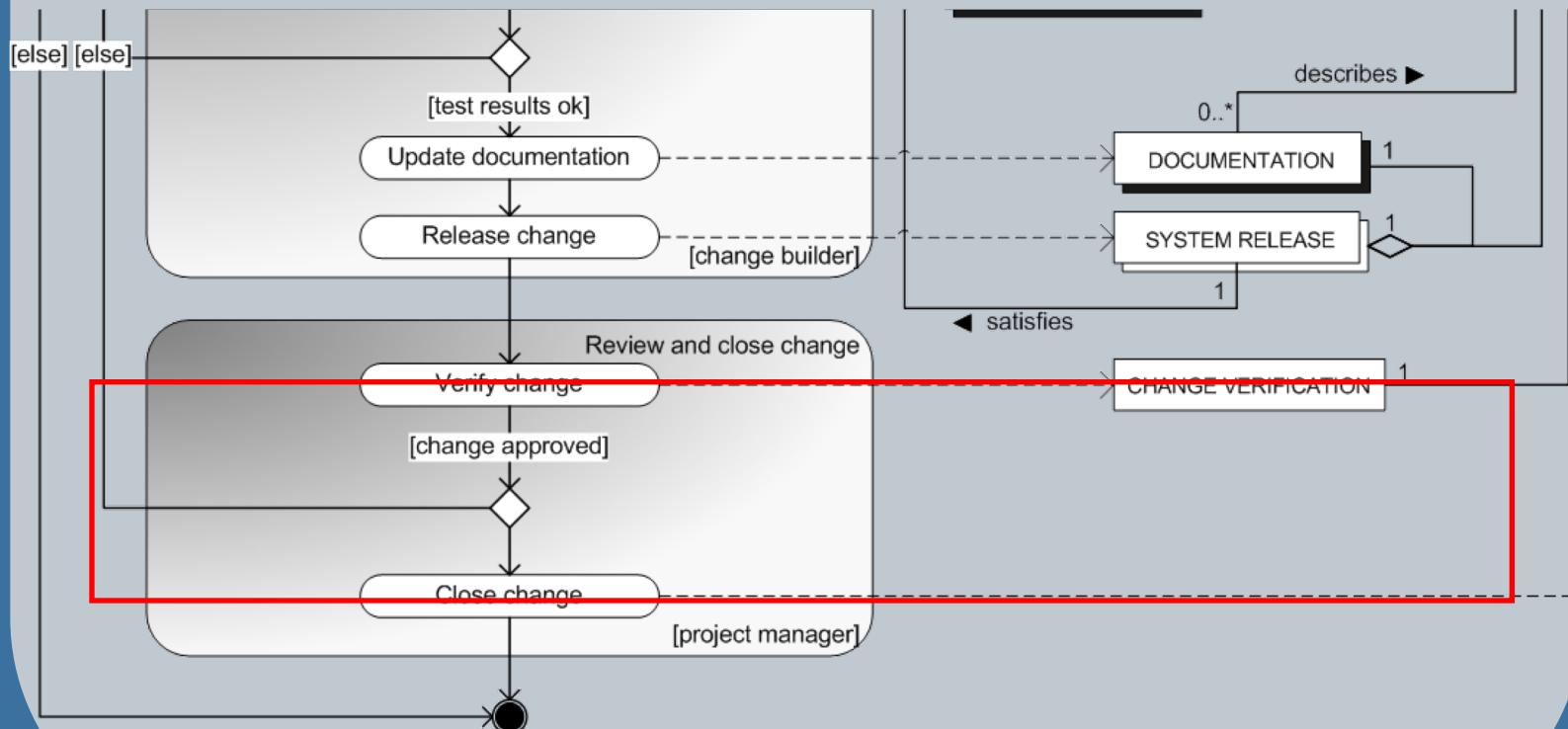
# Implementation

- Release and Deployment are brought in to implement the change into the production environment



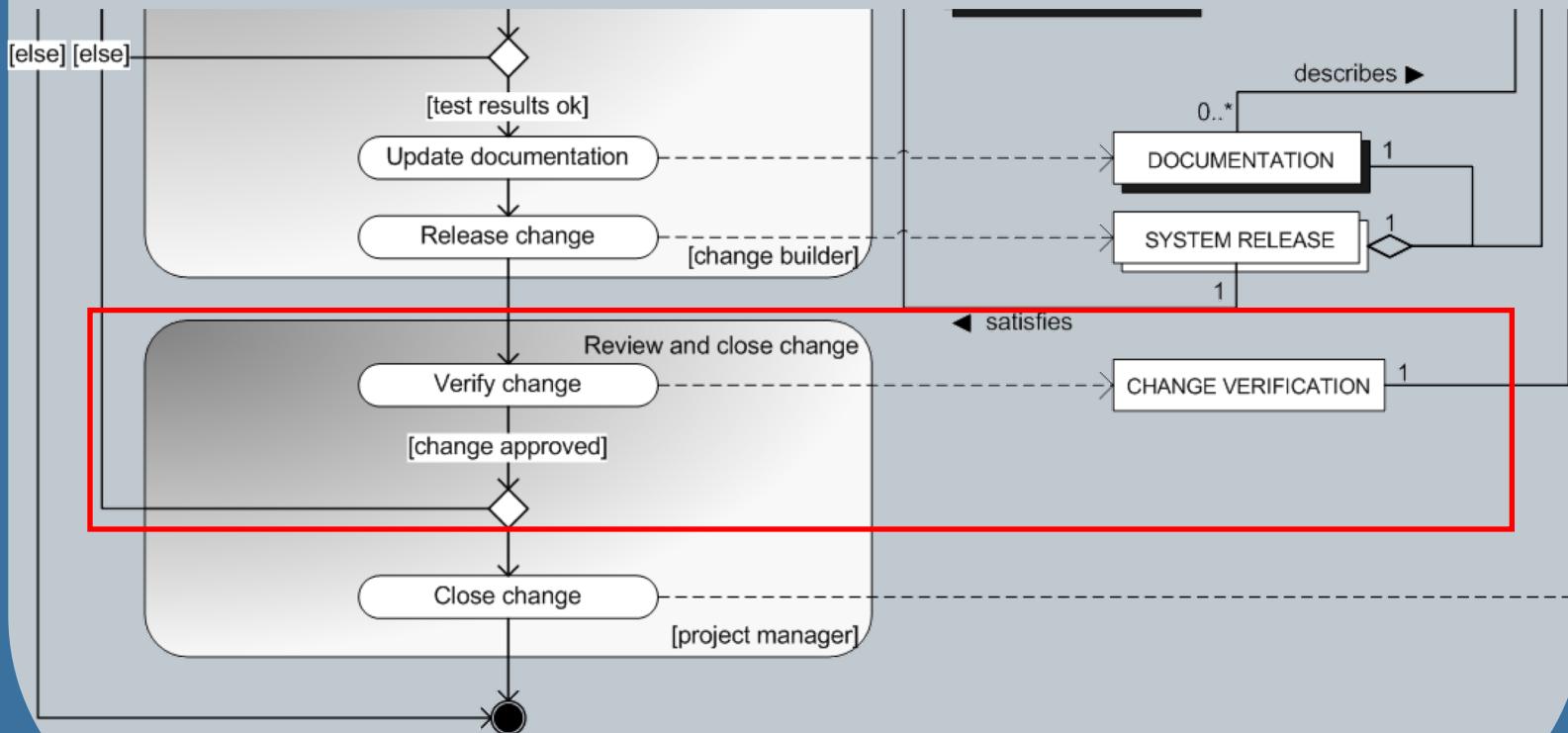
# Remediation

- Back out plan if the change release doesn't work properly or a point of no return identified



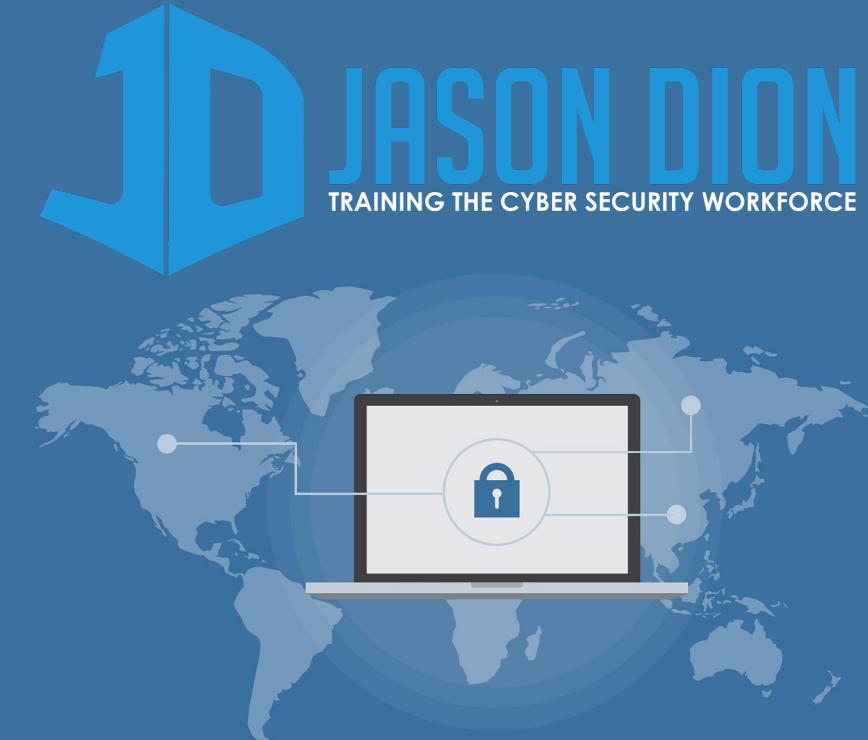
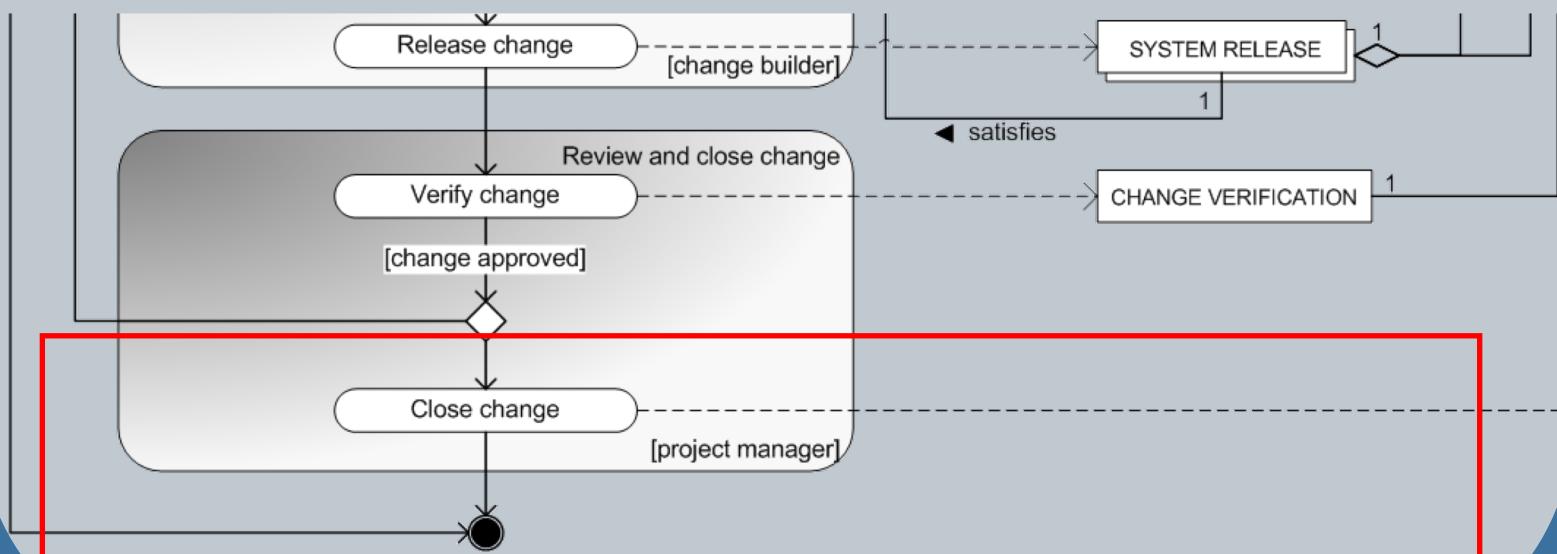
# Review

- If implementation is considered successful then review occurs based upon accepted timeline after change



# Closure

- Results of review are recorded in change record, lessons learned identified, and change pushed to CSI
- Authority for closure is the CAB





# Change Advisory Board (CAB)

*ITIL Foundations*

# Change Advisory Board (CAB)

- Focused on providing a go/no-go decision for all changes
- Meet on a regular basis (i.e. weekly)
- In large organizations there may be many smaller CABs, but one is always the final decision maker



# CAB Members

- Change Manager (Chairman)
  - Service Desk Manager
  - Capacity Manager
  - IT Security Manager
- ...other members as appropriate



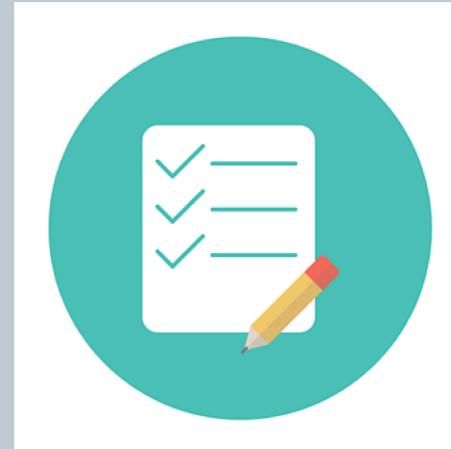
# CAB Meeting Inputs

- Minutes of previous CAB meeting
- Any Emergency CAB activity
- New changes for decision
- Changes ready for implementation
- Change reviews completed since last meeting
- Any improvement initiatives



# CAB Meeting Outputs

- Minutes of this CAB meeting
- Authorized new changes
- Rejected changes
- Updated change schedule
- Update PSO (Project Service Outage)



# CAB Chairman's Role

- Protector and enforcer of the standards and processes to ensure positive change
- Ensures all change authorities have approved the changes before he does
- Ensures good governance
- Provides final approval on RFC





# Change Authority

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# Change Authority

- CAB is actually not the change authority but serves as an advisory body making *recommendations*
- Change Authority comprise a role, a person, or a group/team
- Change Authority is the stakeholder for a given change



# Who is the Change Authority?

- RFC documents the change authority for a given change
- Change Management Team notates this during the “raising of an RFC” in the workflow activity
- Change Authorities are often in the management level, executive board, or IT steering group



# Delegation

- Delegation of the Change Authority often occurs to the CAB or Change Manager
- Routine changes can be delegated down to junior management such as during Standard Changes





# Change Models

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# Change Models

- Predefined steps taken to handling a certain category of change
- Numerous change models exist with one for each configuration item



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# Simple or Complex?

- Change models can be simple or complex
- Simple
  - Used for tasks like change a password or moving a workstation
- Complex
  - Used for tasks like major system rollouts or configuration changes



# Standard Change Model

- Detailed model covering all the technical details and angles of the proposed changes
- Routine tasks can be covered by incorporation into the Standard Operating Procedures



# Normal Change Model

- Not as detailed because each change being proposed has unique qualities



# Usefulness of Change Models

- Change models are useful when emergency changes are proposed
- Provides guidance and useful checklists when limited time is available





# Change Documents

*ITIL Foundations*

# Change Documents

- Request for Change
- Change Record
- CAB Minutes
- Change Schedule
- Projected Service Outage



# Request for Change (RFC)

- Formal change proposal
- Manages change throughout the process

## CHANGE REQUEST 24093-D

Type: AZB → vehicle interior → air bags

ID: 24093-D

Deadline: ASAP

Priority: high

Customer:

\*direct: customer service (internal)

\*indirect: (future) owners of car type AZB (external)

**Abstract:** Air bags of car type AZB automatically inflate on long distances. This is a severe issue that must be repaired at all cost. Probable cause is a misconfiguration of the car's electric circuit on Board 13-C. A repair plan for dealers should be created and the production department needs an updated design.

### Related documents:

\*Problem report C253087

\*Lab test AE13



# Change Record

- Gives additional details to the RFC and records the relevant information about the change throughout the workflow and its lifecycle



# CAB Minutes

- Record of the CAB meetings
- Documentation of members present
- Documents what was discussed
- Documents reasoning used to make decisions



# Change Schedule

- States changes to be implemented
- Scheduled dates
- Other pertinent information useful to the IT staff, users, Service Desk, and the customers



# Projected Service Outage (PSO)

- Notifies IT staff, users, Service Desk, and the customers of any changes to normal service availability resulting from impending changes that have been approved for implementation



# Release & Deployment Management

*ITIL Foundations*

# Definition of a Release

- One or more changes to an IT service that are built, tested, and deployed together
- *Releases consist of software, hardware, configurations, or a combination of these*



# Purpose

- Plans, schedules, and controls the build, test, and deployment of releases, as well as to deliver new functionality required by the business while protecting the integrity of existing services



# Purpose

- **Plans, schedules**, and controls the build, test, and deployment of releases, as well as to deliver new functionality required by the business while protecting the integrity of existing services

*Crucial to a successful release and controlled by higher-level guidance of the Change Management process*



# Purpose

- Plans, schedules, and controls the build, test, and deployment of releases, as well as to deliver new functionality required by the business while protecting the integrity of existing services

*Signifies governance and not just the administration of releases and deployments*



# Purpose

- Plans, schedules, and controls the **build, test**, and deployment of releases, as well as to deliver new functionality required by the business while protecting the integrity of existing services

*Each component of the release has been built and tested separately and as an entire system to ensure a successful integration*



# Purpose

- Plans, schedules, and controls the build, test, and deployment of releases, as well as to deliver new functionality required by the business while protecting the integrity of existing services

*Release is placed into the live environment using your deployment mechanisms*



# Purpose

- Plans, schedules, and controls the build, test, and deployment of releases, as well as to **deliver new functionality** required by the business while protecting the integrity of existing services

*Provide enhanced utility in the production environment to enable more effective customer outcomes*



# Purpose

- Plans, schedules, and controls the build, test, and deployment of releases, as well as to deliver new functionality required by the business while protecting the integrity of existing services

*Rollout of the new changes  
cannot negatively impact the  
existing services  
(other than as specified in PSO)*



# Scope/Span of the Process

- Physical assets (servers, networks,...)
- Virtual assets (VMs, cloud)
- Application/System software
- Relevant documentation
- Training for users and IT staff
- Supporting services, including all related contracts and agreements
- Ensuring appropriate testing is completed (per Service Validation and Testing process)



# Functions

- Produce\maintain R&D policy
- Produce\maintain individual R&D plans
- Define\create\test release packages
- Maintain integrity of live environment
- Deploy software from DML only



# Functions

- Track progress of releases with SACM process
- Ensure each release has a test plan for backout
- Manage organizational and stakeholder change
- Ensure services deployed deliver agreed-upon utility and warranty



# Functions

- Record and manage deviations, risks, and issues
- Ensure successful transfer of skills and knowledge to users, customers, and Service Operation functions





# Release & Deployment Assets

*ITIL Foundations*

# Secure Repositories

- All assets being deployed (hardware or software) need to come from a trusted, quality-assured source
- Two main ones:
  - Definitive Media Library (DML)
  - Definitive Spares



# Definitive Media Library

- Secure storage of master copies of all software
- Access to DML is controlled
- DML is physical, electronic, or both
- All software is quality-checked for completeness and viruses prior to entering the DML



# Definitive Media Library

- Software remains in the DML until it is no longer useful
  - Older versions can prove useful in legacy systems and during troubleshooting
- Many organizations also keep copies of licenses in the DML for tracking and safekeeping



# Definitive Spares

- Unallocated items of hardware
- *Float* is unallocated but configured hardware ready to be swapped into the network for broken assets
- Definitive spares are controlled like the DML and each item is quality-checked to ensure it is ready for use when needed

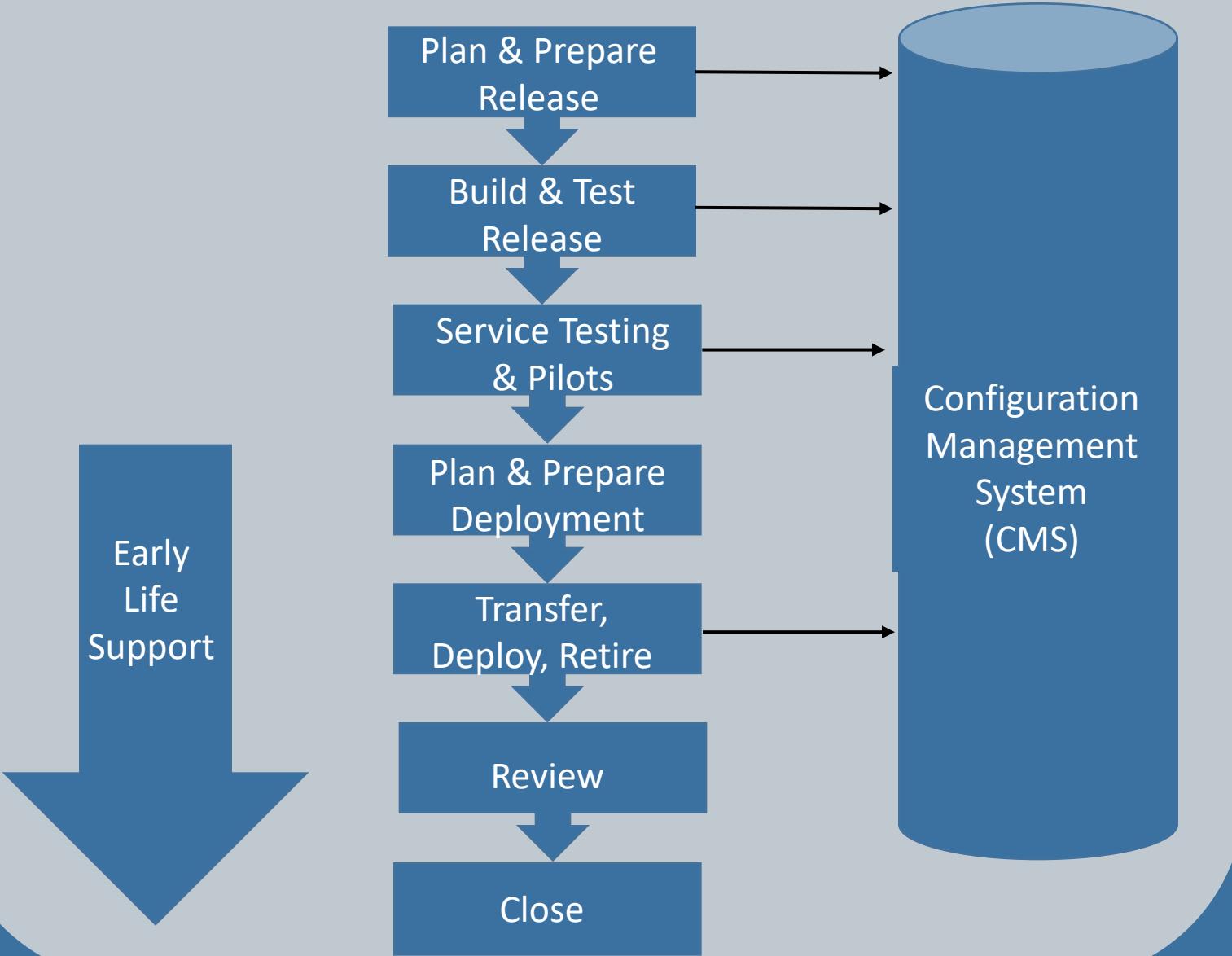




# Release & Deployment Process

*ITIL Foundations*

# Workflow: Release & Deployment



# Plan and Prepare

- In accordance with policy, determine RFCs for the release candidate
- Check authorization on RFCs for implementation
- Check resource availability
- Publish the plan for release
- Ensure organization/users are ready to receive release (training)



## Build and Test

- Combine all components (even across multiple RFCs) that comprise release
  - Sometimes RFCs will be from different projects, but release as a single release to maximize the maintenance window
- Testing ensure no incompatibility in the mixture of the RFCs
- Testing of the deployment mechanism should also occur in this phase



# Service Testing and Pilots

- Ensures that the release, as a whole, will provide the agreed upon utility and warranty
- Often includes a Pilot test in the live environment across a limited number of live users such as a one department or single geographic region



# Plan and Prepare Deployment

- Usually uses automated deployment for software products
- Software originates from the DML
- Hardware requires physical deployment and coordination with the software deployment



# Transfer, Deploy, Retire

- It is time to put our plan into effect!
- Service is transferred from one service provider to the next
- Hardware/software are deployed
- Redundant services, hardware, software are retired and their resources are made available to resource pool



# Early Life Support

- Additional highly skilled specialists may augment the operational teams during the initial roll out of the new or changed services
- Goal:  
Bring operational staff up to speed and allow them to takeover the operations fully



# Review and Close

- Once everything is “done”, it is time to review and close out the deployment
- Includes a review to confirm success has been achieved and to collect the lessons learned



## A Note on Phased Releases

- In large organizations, releases are done in a phased approach based on time and/or geography
- Planning, preparation, and control are essential to the success of a phased release and good configuration management is essential to understand your ever changing services!





# Service Validation & Testing

*ITIL Foundations*

# Service Validation & Testing Process

Ensures the service that has been built meets the specifications and will provide the agreed upon utility and warranty to the customer

*Note: Service Validation & Testing Process is not covered by the ITIL Foundation exam*



# Important Considerations

- Testing is performed under both the Change Management process and the Release & Deployment process
- Different testers than the Release & Deployment personnel conduct the testing to ensure compliance and proper validation



# Service Validation & Testing Process

Process is not covered by the ITIL Foundation exam, but it is necessary to fully understand the lifecycle

*Note: Service Validation & Testing Process  
is not covered by the ITIL Foundation exam*





# Change Evaluation

*ITIL Foundations*

# Change Evaluation Process

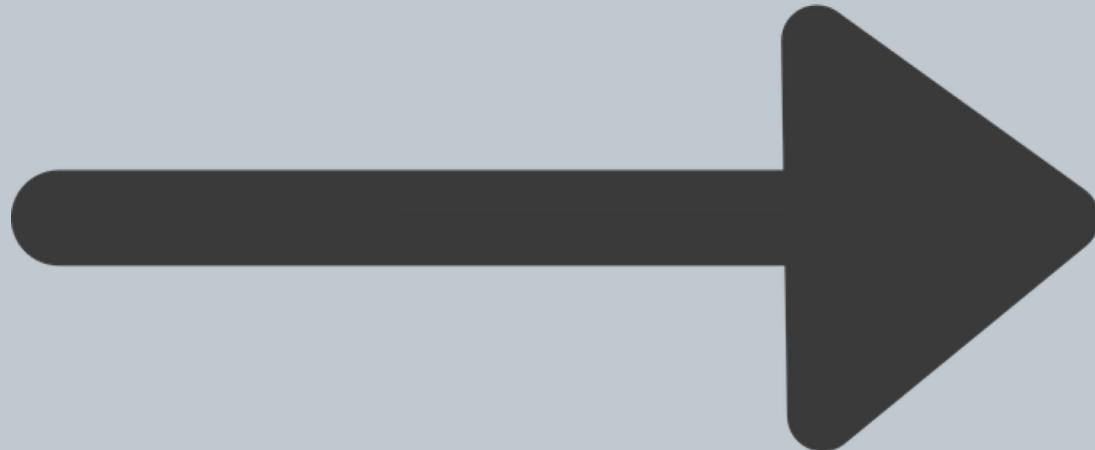
- To assess the likely performance of the new or changed service
- To compare predicted performance against actual performance
- To identify and manage risk and issues

*Note: Change Evaluation Process is not covered by the ITIL Foundation exam*



# Important Considerations

- Helps to set stakeholder expectations
- Valuable in providing guidance to the Change Management team on whether to allow a change to proceed to next phase of the change process workflow



# Change Evaluation Process

Process is not covered by the ITIL Foundation exam, but it is necessary to fully understand the lifecycle

*Note: Service Validation & Testing Process  
is not covered by the ITIL Foundation exam*





# Roles in Service Transition

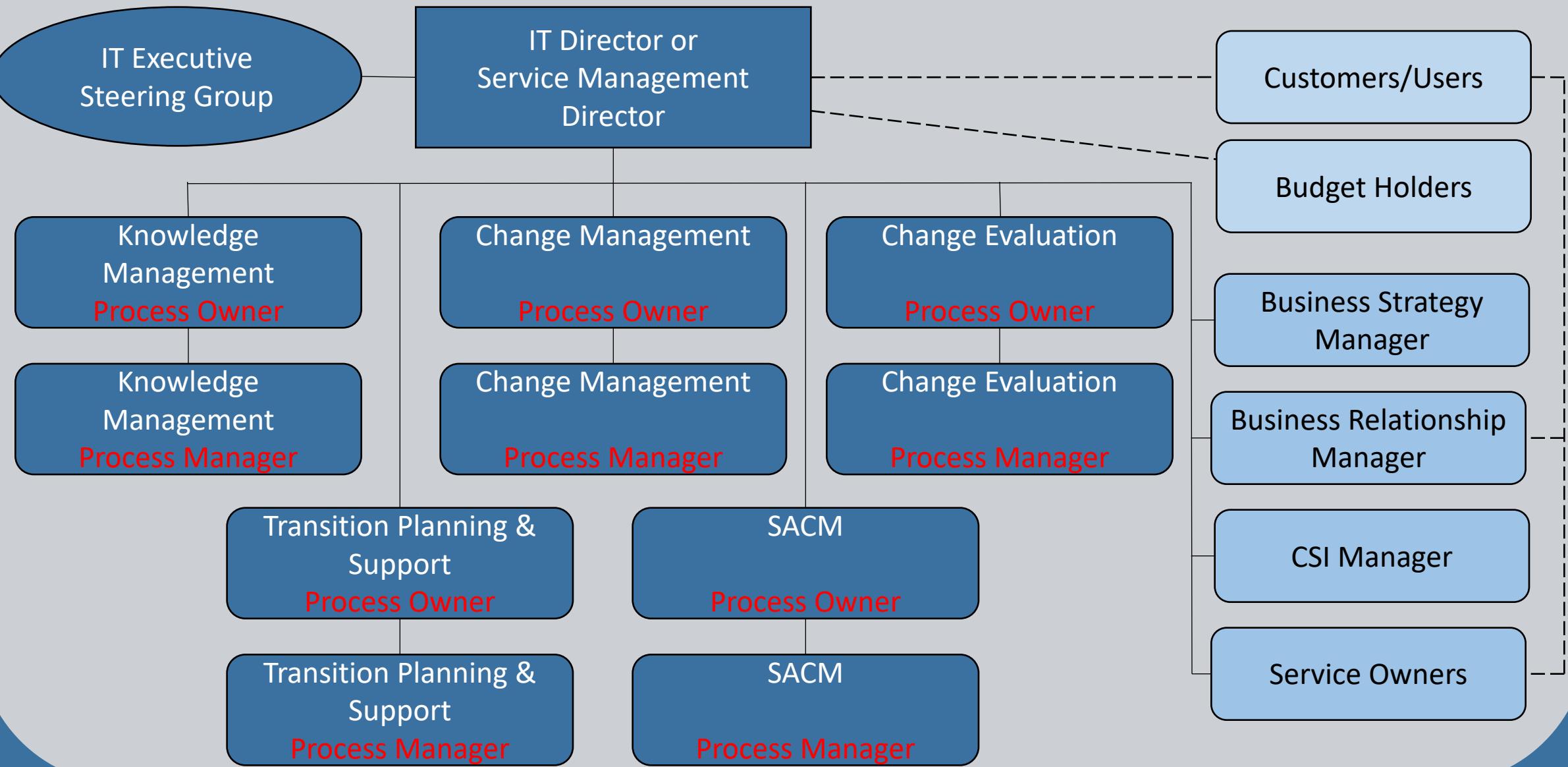
*ITIL Foundations*

# Roles in Service Transition

- ITIL doesn't dictate how an organization should be organized
- ITIL does recommends roles:
  - Service Owner
  - Process Owner
  - Process Manager



# Roles in Service Transition





# Tools in Service Transition

*ITIL Foundations*

# Tools in Service Transition

- Many of the same tools from the Service Strategy stage are useful in Service Transition
- Many different areas in Service Transition can be benefited by the use of technology



# Areas Where Tools Help

- System, network, and application management
- Integrated ITSM tools for configuration, change, and release & deployment
- Discovery and auditing tools
- Software distribution and management



# Areas Where Tools Help

- Service dashboards and reporting
- Document and records management
- Collaboration tools
- Test and test management tools

