



**USERS' GUIDE**

# Change Management

Service Management and ServiceNow

**SERVICE EXCELLENCE SUITE**

# Change Management Users' Guide

## Table of Contents

<b>Introduction .....</b>	<b>3</b>
<b>Overview, Objectives, and Current Scope .....</b>	<b>4</b>
Overview .....	4
Objectives.....	4
Current Scope of Change Management.....	4
What Is ServiceNow? .....	5
<b>Change Management Policies .....</b>	<b>5</b>
<b>Roles and Responsibilities .....</b>	<b>8</b>
Change Manager.....	8
CAB Member.....	8
ECAB Member .....	9
Change Requester.....	9
Change Implementer.....	9
Representatives for Externally Implemented Change .....	9
<b>Key Attributes of a Change .....</b>	<b>10</b>
Types of Changes .....	10
Scope of Changes .....	10
Risk Assessment for Changes .....	10
<b>Approval Process and Lead Time Required .....</b>	<b>11</b>
Approval: ECAB or CAB + AVP or CIO .....	11
Approval: ECAB or CAB.....	11
Approval: Change Manager .....	11
Standard and Emergency Approvals.....	12
<b>RFC Procedures .....</b>	<b>12</b>
Activity Display.....	18
<b>Post Implementation Review (PIR).....</b>	<b>19</b>
Templates .....	20
Utilizing Templates.....	21
<b>Appendix B.....</b>	<b>22</b>
Frequently Asked Questions .....	22
<b>Appendix C.....</b>	<b>24</b>
Glossary of Key Terms.....	24
Categorization.....	24
Impact.....	24
Risk.....	24
Change Advisory Board (CAB) .....	25
Emergency Change Advisory Board (ECAB) .....	25

## Change Management Users' Guide

Change Freeze.....	25
Process Flows—Generic RFC Work Flow for: .....	26
Normal Change:.....	26
Urgent Change: .....	26
Standard Pre-Approved Change:.....	26
Emergency Change: .....	26

# Change Management Users' Guide

## Introduction

This document defines the Boston University Information Services & Technology (IS&T) Change Management process. It is based on the Information Technology Infrastructure Library® (ITIL) and has been adapted to address Boston University's specific requirements.

**This document should be read by all Boston University employees who are adopting the IS&T Change Management process.**

It is divided into the following sections:

<b>Overview and Objectives</b>	States the objectives of the Change Management process at Boston University and what is in-scope and out-of-scope to the process.
<b>Change Management Policies</b>	Outlines policies that support the Change Management process.
<b>Key Attributes of a Change</b>	Categorizes changes into four different types with specific risk levels for each type. Approval processes and lead times between Change Request submission and implementation are determined based on the risk level.
<b>Process Definition</b>	Illustrates the high-level Change Management process with the following use-cases covered: <ul style="list-style-type: none"><li>▪ Standard Pre-Approved</li><li>▪ Normal Change</li><li>▪ Emergency Change</li><li>▪ Urgent Change</li></ul>
<b>Roles and Responsibilities</b>	Identifies the roles within the Change Management process and the responsibilities for each role.
<b>CAB and CAB Meetings</b>	Discusses the membership of the Change Advisory Board (CAB) and the agenda for the CAB meeting.
<b>Request for Change Procedures</b>	Specifies procedures for completing ServiceNow's Request for Change (RFC) form, including which fields are minimally required.
<b>Key Performance Indicators</b>	Identifies the metrics for measuring the success of the Change Management process.

# Change Management Users' Guide

## Overview, Objectives, and Current Scope

### Overview

Change Management is the process of recording, evaluating, approving, planning, and overseeing the implementation of a change in a controlled and efficient manner. A change is an addition, modification to, or removal of, applications, infrastructure, or technical client services, service components, or related configuration items and their associated documentation. In Service Management, the goal of Change Management is to protect the live environment. The authority for approving changes can be assigned to the Change Manager, the CAB or ECAB, and other identified parties.

### Objectives

Boston University's objectives for the Change Management process are:

- Increase the number of successful changes, including reducing the number of changes with unexpected outcomes
- Decrease the number of urgent (or unplanned) changes
- Decrease the number of incidents caused by changes
- Create a single documented process for managing all changes
- Maintain a single repository for recording all changes through the lifecycle
- Ensure the process is adopted, adhered to, and escalated to management if there are compliance issues
- Initiate the Change Management process to provide sufficient lead time for adequate impact analysis by the CAB
- Ensure that auditable change controls are established and documented. These controls include initiation of the change request, testing of the changes prior to implementation, and approval for the change to be implemented.
- Maintain and publish a change calendar with good visibility, measured in weeks and months.
- Communicate changes to IS&T, affected client representatives, clients (where appropriate), and other IT organizations (where appropriate)
- Streamline the procedures so that there is an appropriate balance between the complexity of the change and the required controls
- Harvest lessons learned from the Change Management process that could be applied to other areas of Service Management

### Current Scope of Change Management

Any change to a production service that affects the entire university, a single campus, or is deemed significant (multiple groups or departments and certain large departments) **must** have an associated request for change (RFC). However, for any change with a scope of a single department (group) or individual, use of the Change Management

# Change Management Users' Guide

process is optional. Future phases of Change Management will require those changes that are smaller in scope to be tracked.

## What Is ServiceNow?

ServiceNow is the enterprise service management ticketing tool that is used by IS&T and its University partners to manage change. In the future, incident, configuration, release, request fulfilment, and other service management processes will be managed through the same tool. ServiceNow delivers the product via the SaaS (Software as a service) model, which enables IS&T to deploy more quickly, with less technical investment. Resources that would be used to manage ServiceNow are freed up to focus on the core mission of enabling the University's research and teaching priorities.

## Change Management Policies

- All changes within the current scope must go through the Change Management process and must have a completed request for change (RFC) with appropriate approvals.
- Campus/University scope and very high or high risk changes require CAB and AVP or CIO review and approval.
- Campus/University scope and moderate or low risk changes require CAB review and approval.
- Significant scope and very high or high risk changes require CAB review and approval.
- Risk assessment and scope are used to determine the lead time and level of IS&T approval required for all changes. Whenever possible, RFCs will be requested for approval with no less than the defined minimum lead times for their risk and scope profiles.
- A risk assessment must be provided for each change by answering the required questions within the RFC. Requirements for Client and Information Security approval should be identified in advance and noted in the appropriate section of the RFC.
- Change windows will be pre-defined and published.
- All changes will be entered on the IS&T calendar.
- If a change needs to be scheduled outside of a change window, the change's implementation date/time needs approval from the appropriate parties (CAB, ECAB, Change Manager, the business, etc.).
- If the date changes for a normal change, approvers (Change Sponsor, Change Manager, and CAB) are notified, but additional approvals are not required. If the date

## Change Management Users' Guide

changes for an urgent change, the ECAB is notified and existing approvals are subject to revision.

- If required, approvals from the business or service owner should be obtained and attached to the RFC when created and before the Change Management 'Request for Approval' process is initiated.
- All IS&T data center power-related changes must be assigned a scope of University/Campus-wide. A Planned Start Date/Time, Back-out Date/Time, and Planned End Date/Time shall be provided for each change.
- All changes must contain the following plans: implementation plan, back-out plan, test plan, and communication plan. These plans can be entered directly into the appropriate sections or can be provided via an attached document.
- All changes will be visible to the Service Desk.
- All university/campus or multiple group changes that are service-impacting require communication to a broader client audience (e.g., email to Techstatus list, posted on TechWeb, etc.).
- Proof that controls (initiation, testing, and approval) have been followed for all auditable changes shall be stored with the ability to be reproduced.
- Each change shall be initiated through a standardized and approved process (service request, incident management, problem management, or PRIME)
- Each change should be well tested and verified prior to implementation.
- All implementation work on the change should be completed by the Planned End Date/Time.
- The back-out steps must be completed within the requested change window itself; the planned end time of the change should account not only for the implementation work, but also for the back-out steps.
- Validation that the change has been completed successfully should be confirmed through post-change testing.
- At the conclusion of a change, the Post Implementation Review (PIR) section of the RFC should be completed; the PIR is mandatory for the following situations:
  - University/Campus-wide—all risk levels
  - Significant—moderate, high, and very high
  - Department—high and very high

## Change Management Users' Guide

- Minor—very high
- Failed Changes
- Changes that result in a Priority One incident
- Emergency changes to resolve an incident
- Urgent changes associated with an incident

# Change Management Users' Guide

## Roles and Responsibilities

A role is a set of activities. An individual can perform more than one role. The current roles and responsibilities associated with BU's Change Management process include the following:

### Change Manager

The Change Manager is the authoritative lead for Change Management and is accountable for the planning, implementation, and improvement of the process.

The responsibilities for the role include:

- Lead weekly CAB meeting, including creation of an agenda, leading meeting itself, documenting action items and notes, and pursuing any other follow up activities
- Validate the accuracy of RFCs
- Participate in the authorization of changes
- Maintain and publish the change calendar
- Communicate service impacting changes to clients (e.g., Email weekly change announcement)
- Ensure that post-implementation reviews are conducted per the policy
- If an unauthorized change is discovered, escalate and educate as appropriate
- Report on Change Management activities
- Educate IT staff on the change management process
- Propose and implement improvements to the change management process

### CAB Member

The CAB (Change Advisory Board) member serves to support the authorization, assessment, and recommendation for or against changes from both a technical and business point of view. Each functional area should maintain representation on the CAB. The role of the CAB member may be a permanent appointment or as-needed for input on a given change. The responsibilities for the CAB member include:

- Represent their team and their team's changes
- Review changes prior to the meeting
- Assess and recommend the approval or rejection of proposed changes; if a CAB member does not approve a change, explain why
- Attend to approvals in a timely manner
- Attend or send a knowledgeable representative to weekly CAB meeting
- Act as a liaison between the CAB and their team regarding Change Management policies, procedures, questions, or enhancements

# Change Management Users' Guide

## ECAB Member

The ECAB (Emergency CAB) members are a sub-set of the CAB. They authorize urgent changes when convening a regular CAB meeting is not appropriate or feasible. The role of ECAB membership is ad hoc, based on the nature of the emergency or urgent change. Members of a given ECAB may be part of the permanent CAB or filling an as-needed role to help assess the urgent change under review. While ECAB membership does shift, the Change Manager is always part of the ECAB.

- Assess and approve or reject urgent changes of all risk types submitted and scheduled for implementation before the next scheduled CAB meeting

## Change Requester

The Change Requester is the person on whose behalf the change is being requested and corresponds to the “Requested by” field within ServiceNow.

- Accountable for the completion of the RFC including accurate scope, risk assessment, and change plans
- Secures appropriate business approval
- Communicates status of the change to the business as necessary
- Owns the successful outcome of the change
- Accountable for post-implementation review

## Change Implementer

The Change Implementer is the person primarily responsible for the actual implementation of the change and corresponds to the “Assigned to” field within ServiceNow.

- Responsible for creating the test, implementation, and back-out plans
- Responsible for executing the test plan, implementation plan, and the back-out plan, if necessary
- Documents the RFC within ServiceNow regarding the outcome of the change, including the PIR as appropriate

## Representatives for Externally Implemented Change

Depending on the nature of the change(s) and who will be implementing, an IS&T staff person may be appointed to coordinate change with external vendors.

- Work with the external vendor to schedule change
- Submit the appropriate request for change
- Record the outcome of the change based on change management policy

# Change Management Users' Guide

## Key Attributes of a Change

### Types of Changes

Changes are categorized into four types based on the required workflow and approval procedure. The types are:

- Standard—Pre-approved based on change model
- Normal—Change that follows normal approval flow
- Urgent—Must occur prior to prescribed lead time for approval
- Emergency—immediate incident-related change. May be documented after the fact.

### Scope of Changes

The scope of a change is determined by the range of its potential impact on services. The broader the potential impact on services, the wider the scope. Scope is categorized as follows:

- University/Campus—One or both campuses (CRC and BUMC)
- Significant—A school or two or more departments
- Department—A single department
- Minor—Five or less clients

### Risk Assessment for Changes

Risk assessment is based on the following “yes or no” questions:

- Is the change service-impacting?
- Does the change require more than one support group?
- Is there a single point of failure (SPOF)?
- Is this a new or high-risk routine activity?

Each “yes” answer increases the risk profile of the change. The risk value assigned to the change is based on the number of “yes” responses:

- Four equals **Very High**
- Three equals **High**
- Two or One equals **Moderate**
- Zero equals **Low**

## Change Management Users' Guide

### Approval Process and Lead Time Required

The approval and lead time required by normal and urgent changes are determined by combining the type of change, scope of change, and risk assessment.

#### Approval: ECAB or CAB + AVP or CIO

The lead time required for submitting the following normal changes is a CAB meeting plus two weeks. There is no defined lead time required for urgent changes.

<u>Type</u>	<u>Scope</u>	<u>Risk</u>
Urgent	Campus	Very High, High
Normal	Campus	Very High

#### Approval: ECAB or CAB

The lead time required for submitting the following normal changes is a CAB meeting plus one week unless otherwise noted. There is no lead time required for urgent changes.

<u>Type</u>	<u>Scope</u>	<u>Risk</u>
Urgent	Campus	Moderate, Low
Urgent	Significant	Very High, High
Normal	Campus	High
Normal	Campus	Moderate (one week lead time)
Normal	Significant	Very High, High
Normal	Departmental	Very High (one week lead time)

#### Approval: Change Manager

The lead time required for submitting the following normal changes is two days. There is no lead time required for urgent changes.

<u>Type</u>	<u>Scope</u>	<u>Risk</u>
Urgent	Significant	Moderate, Low
Urgent	Departmental	All
Urgent	Minor	All
Normal	Campus	Low
Normal	Significant	Moderate
Normal	Department	High
Normal	Minor	Very High
Normal	Significant	Low

# Change Management Users' Guide

## Standard and Emergency Approvals

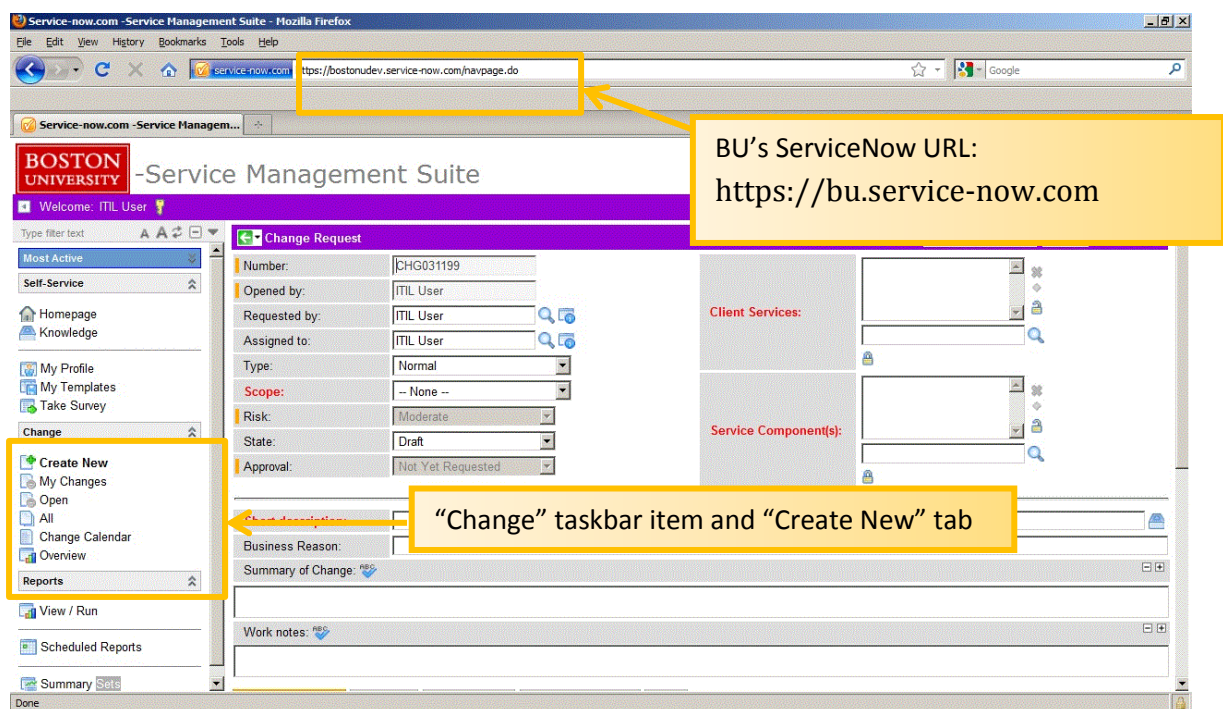
Standard changes are pre-authorized by the CAB. They follow an approved change model and may be of any scope, but must be of low risk. Approvals for standard changes may be required during change freeze periods.

Emergency changes are conducted in response to an incident. Emergency changes of any scope or risk may be documented retroactively, if necessary. The manager in charge of the Incident is responsible for approving the change.

## RFC Procedures

Use BU's service management system, ServiceNow, to create the RFC. To do so, follow the instructions below.

- 1) Using your BU login name and Kerberos password, log in to ServiceNow at <http://bu.service-now.com>.
- 2) Select "Change" in the left-hand column.
- 3) Select "Create new" under Change. This will create a new Change Request (or RFC) with a unique ticket number.



# Change Management Users' Guide

## NOTE:

Some fields will be pre-populated or calculated based on information that is entered. These will be grayed out; and are indicated by an orange bar to the left of the field. Other fields will be mandatory; these will be indicated in red or by a red bar to the left of the field.

- 4) Fill out the appropriate fields for the RFC. The fields are as follows:
  - a) Requested by: Person on whose behalf the change is being requested
  - b) Assigned to: Person primarily accountable for working the change
  - c) Type: Changes are categorized into four different types based on workflow and required approval
  - d) Scope: An indicator for the geographical or client-base impact of the change—required
  - e) Risk: A calculated field based on the answers to the four risk assessment questions
  - f) State: Indicates the current state of the RFC. States include: Draft (pre-submission); Open (RFC is in-process); Pending (requires additional information); or Closed (change is complete).
  - g) Approval: Indicates the approval status of the change. This field is based on input from the change manager, CAB, or other authorizing agent.

The screenshot displays the Service-now.com -Service Management Suite interface. The main form is titled 'Change Request' and contains the following fields:

- Number: CHG031190
- Opened by: ITIL User
- Requested by: ITIL User
- Assigned to: ITIL User
- Type: Normal
- Scope: -- None --
- Risk: Moderate
- State: Draft
- Approval: Not Yet Requested

Below these fields are sections for 'Short description', 'Business Reason', 'Summary of Change', and 'Work notes'. A yellow box highlights the fields from 4a to 4g, and a yellow arrow points to the 'Short description' field.

Key RFC fields—4a to 4g

## Change Management Users' Guide

- h) Client Services: The major service that the change is going to affect—required
- i) Service Component(s): The sub-service or product within the Client Service that the change is going to affect—required

The screenshot displays the Service-now.com Service Management Suite interface. The main form is titled 'Change Request' and contains various fields for user information, request details, and description. A yellow box highlights the 'Client Services' and 'Service Component(s)' fields, which are required for the change request. An arrow points from this box to a text box labeled 'Service related RFC fields—4h and 4i'.

Service-related RFC fields—4h and 4i

- j) Short Description: A brief, meaningful title for this change—required
- k) Business Reason: In non-technical terms, describe reason and business driver for the change
- l) Summary of Change: A brief description of what needs to be done, beginning with a non-technical summary followed by more technical language when needed
- m) Work Notes: An optional field where any additional, relevant information regarding the change or related activities can be noted

# Change Management Users' Guide

The screenshot shows the Service-now.com interface for a Change Request. The form is titled "Change Request" and includes fields for Number (CHG031201), Opened by (ITIL User), Requested by (ITIL User), Assigned to (ITIL User), Type (Normal), Scope (None), Risk (Moderate), State (Draft), and Approval (Not Yet Requested). A yellow box highlights the "Narrative RFC fields—4j to 4m" section, which includes the "Short description:" field, the "Business Reason:" field, the "Summary of Change:" field, and the "Work notes:" field. The "Risk Assessment" tab is selected at the bottom of the form.

- n) Risk Assessment: Four questions must be answered which are then used to calculate the Risk Value for the change—required

The screenshot shows the Service-now.com interface for a Change Request, specifically the "Risk Assessment" tab. The form includes the following questions and options:

- Service Interrupted/Degraded?: Yes
- Description of Impact: -- None --
- Two Or More Teams Required?: -- None --
- Single Point Of Failure?: -- None --
- New/High Risk Routine Activity?: -- None --
- Security Approval Required?: -- None --

A yellow box highlights the "RFC Risk Assessment questions—4n" section, which includes the "Additional Comments:" field. The "Request Approval" and "Save" buttons are visible at the bottom of the form.

NOTE: The Risk Assessment, Schedule, Change Plans, Vendor Involvement, and CAB fields are all tabs at the bottom of the ticket. To complete each field, select the appropriate tab.

# Change Management Users' Guide

## o) Schedule: Dates and Times—required

The screenshot shows the 'Change Request' form in the 'Schedule' tab. The 'Planned Start Date/Time', 'Backout Date/Time', and 'Planned End Date/Time' fields are highlighted with a yellow box. A yellow arrow points from a text box labeled 'Required RFC Date & Time fields—4o' to these fields. The interface includes a left sidebar with navigation links like 'Create New', 'My Changes', and 'Change Calendar'. The top navigation bar shows 'Risk Assessment', 'Schedule', 'Change Plans', 'Vendor Involvement', and 'CAB' tabs. The 'Schedule' tab is currently selected.

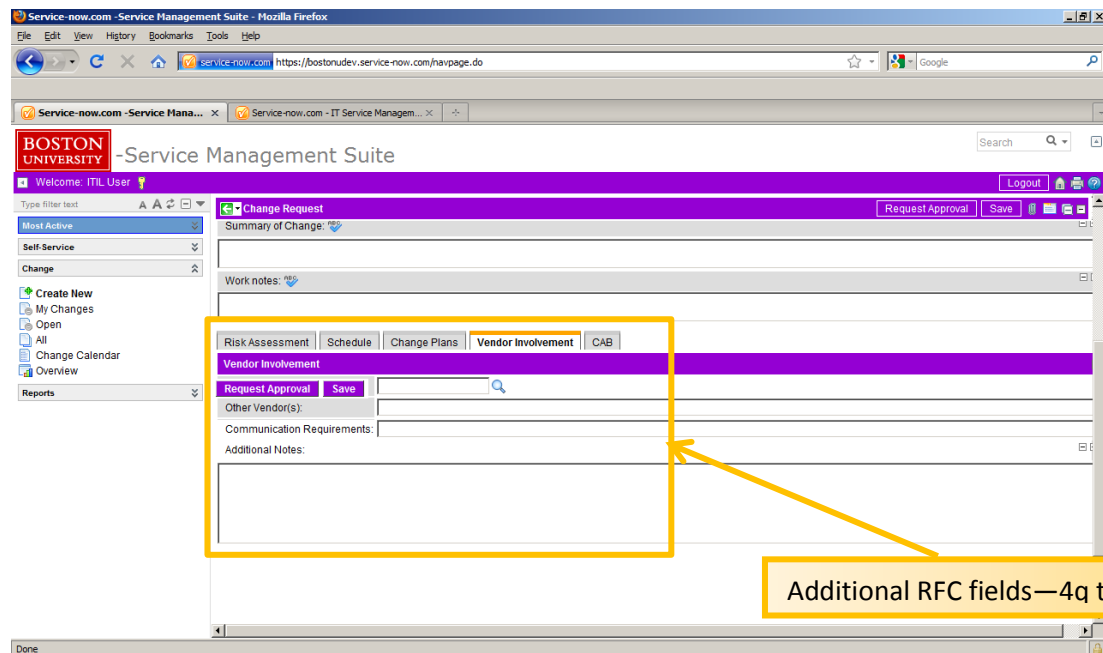
## p) Change Plans: The four sets of plans that must be accounted for are: implementation, back-out, test, and communication. The plans may be entered into the fields as text or may be attached to the RFC as multiple documents or a single document using the paper clip button—required.

The screenshot shows the 'Change Request' form in the 'Change Plans' tab. The 'Implementation plan', 'Backout plan', 'Test plan', and 'Communication Plan' fields are highlighted with a yellow box. A yellow arrow points from a text box labeled 'Required RFC Planning fields—4p' to these fields. Another yellow arrow points from the 'paper clip button' in the top right corner of the form to the text in the section header. The interface includes a left sidebar with navigation links like 'Create New', 'My Changes', and 'Change Calendar'. The top navigation bar shows 'Risk Assessment', 'Schedule', 'Change Plans', 'Vendor Involvement', and 'CAB' tabs. The 'Change Plans' tab is currently selected.

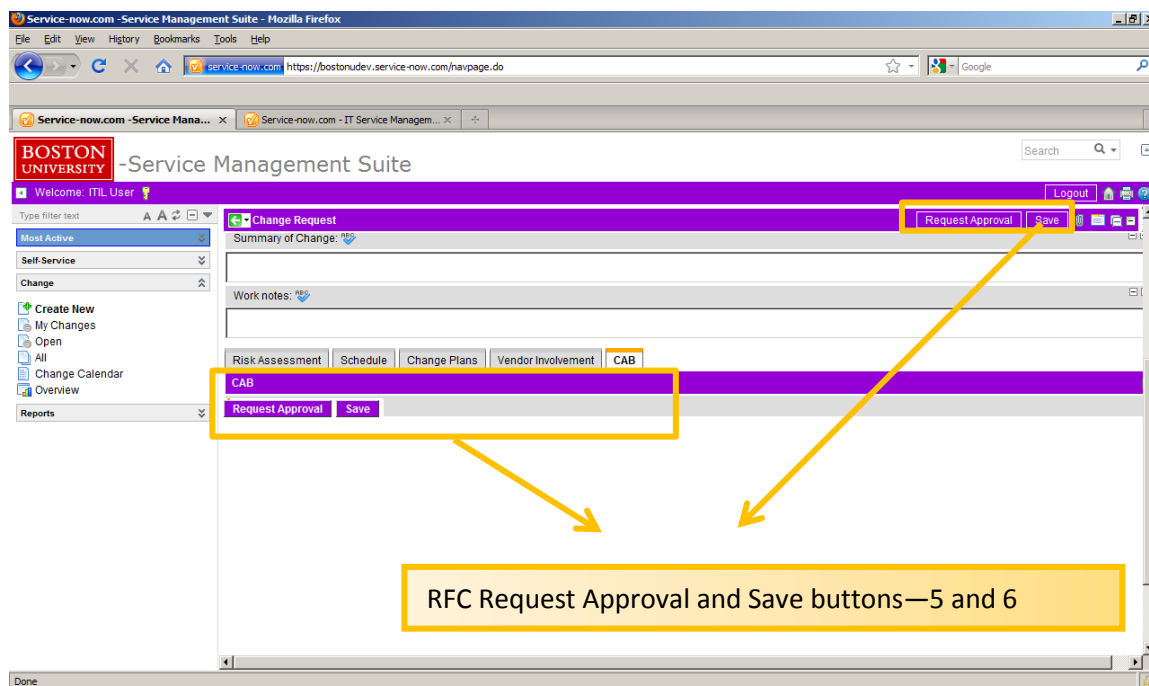
NOTE: To attach documents to the RFC, select the paper clip icon in the upper right corner of the window.

## Change Management Users' Guide

- q) Vendor Involvement: Optional field that should be completed as necessary
- r) CAB: This tab will display notes from the CAB after the request has been submitted. The field cannot be edited by non-CAB members.



- 5) Click the 'Save' button to save a draft without submitting for approval
- 6) Click the 'Request for Approval' button to submit the RFC

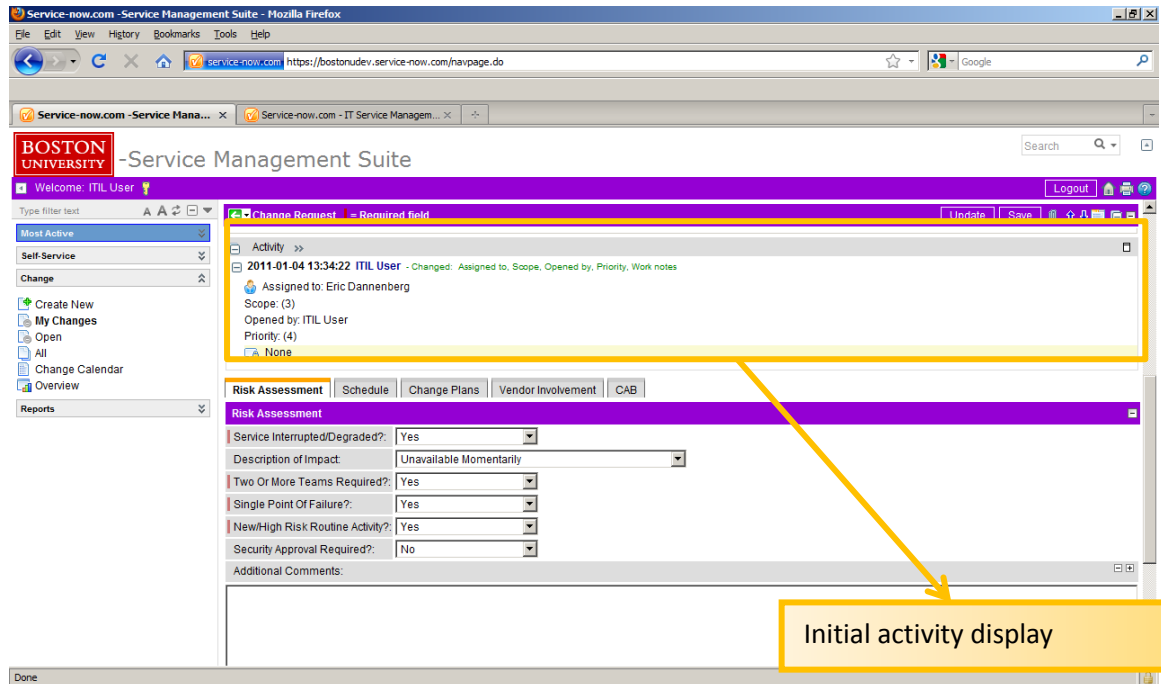


- 7) Submitting the RFC will trigger process workflows related to Type, Scope, and Risk Calculation that determine if approval is necessary.

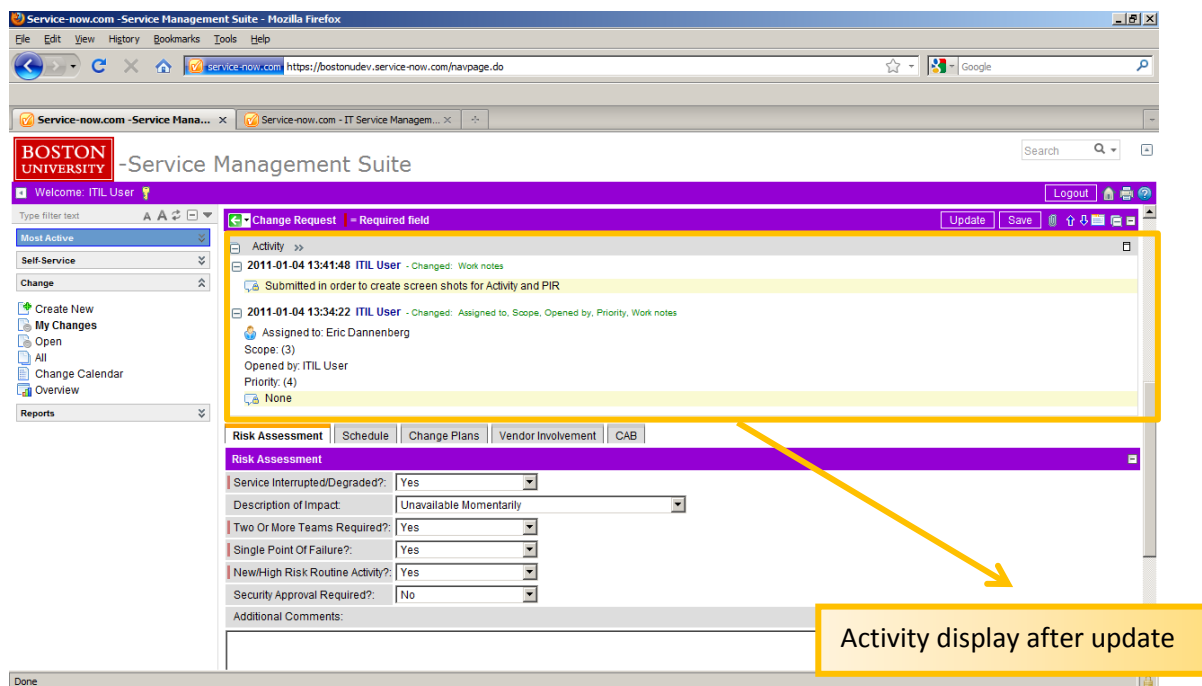
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## Activity Display

The Activity display first appears in the RFC after the “Request for Approval” action is taken.



## Activity display after updates to “Work Notes”



# Change Management Users' Guide

## Post Implementation Review (PIR)

The Post Implementation Review (PIR) of an RFC is a mandatory step in the RFC process for certain changes of specific Scope and Risk.

- Campus-wide—all risk levels
- Significant—moderate, high, and very high
- Department—high and very high
- Minor—very high

In addition, changes that meet the following criteria require a completed PIR:

- Failed changes
- Changes that result in a Priority One incident
- Emergency changes to resolve an incident

The Change Implementer will be notified if changes meeting the above scope of change do not have a completed PIR within one day after the completion of the change.

Upon marking the State of the change as “Closed” the required Post Implementation Review field will appear. The Change Requester shall open the selection box and select the appropriate PIR criteria.

The screenshot displays the Service-now.com - Service Management Suite interface. The main form is titled "Change Request" and includes a "Required field" section. The form contains the following fields:

- Number: CHG031228
- Opened by: ITIL User
- Requested by: ITIL User
- Assigned to: Eric Dannenberg
- Type: Normal
- Scope: Significant
- Risk: Very High
- State: Closed
- Post Implementation Review: [Dropdown menu]
- Approval: [Dropdown menu]
- Short description: [Text area]
- Business Reason: [Text area]
- Summary of Change: [Text area]

The "Post Implementation Review" dropdown menu is highlighted with a yellow box. An arrow points from this box to a yellow box labeled "RFC Procedures—PIR Components".

# Change Management Users' Guide

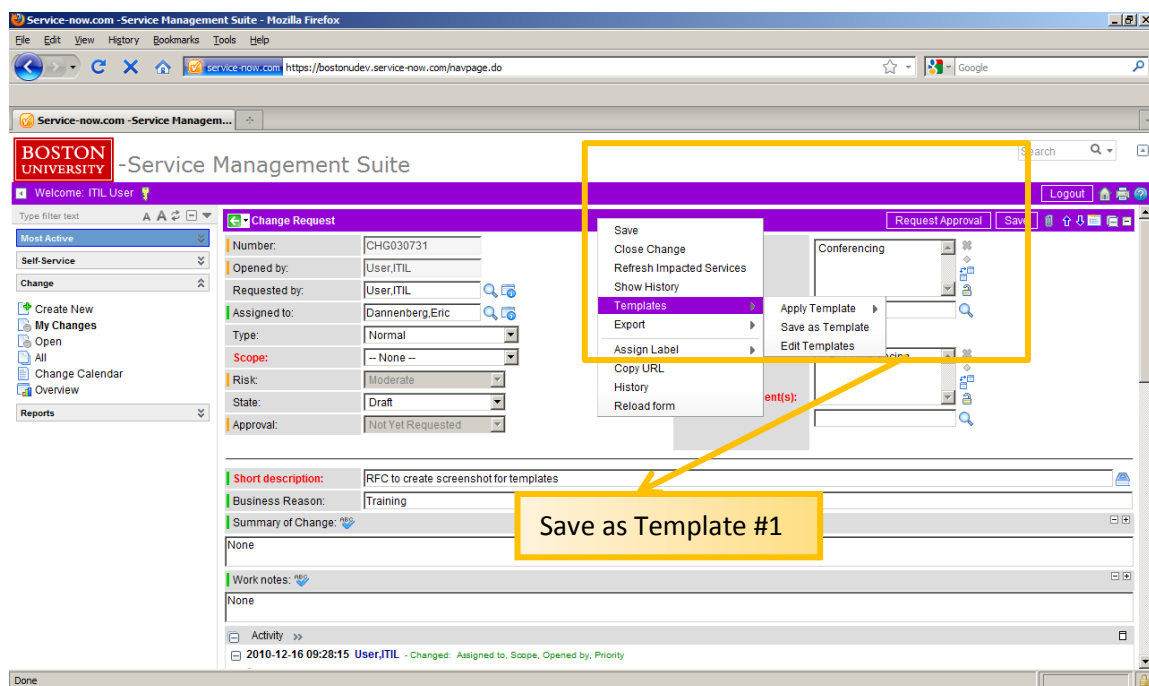
## Appendix A

### Templates

Creating and utilizing templates for submitting a change is strongly recommended for those IS&T staff who will be submitting a high volume of Change Requests. The following is an overview of how to create a template.

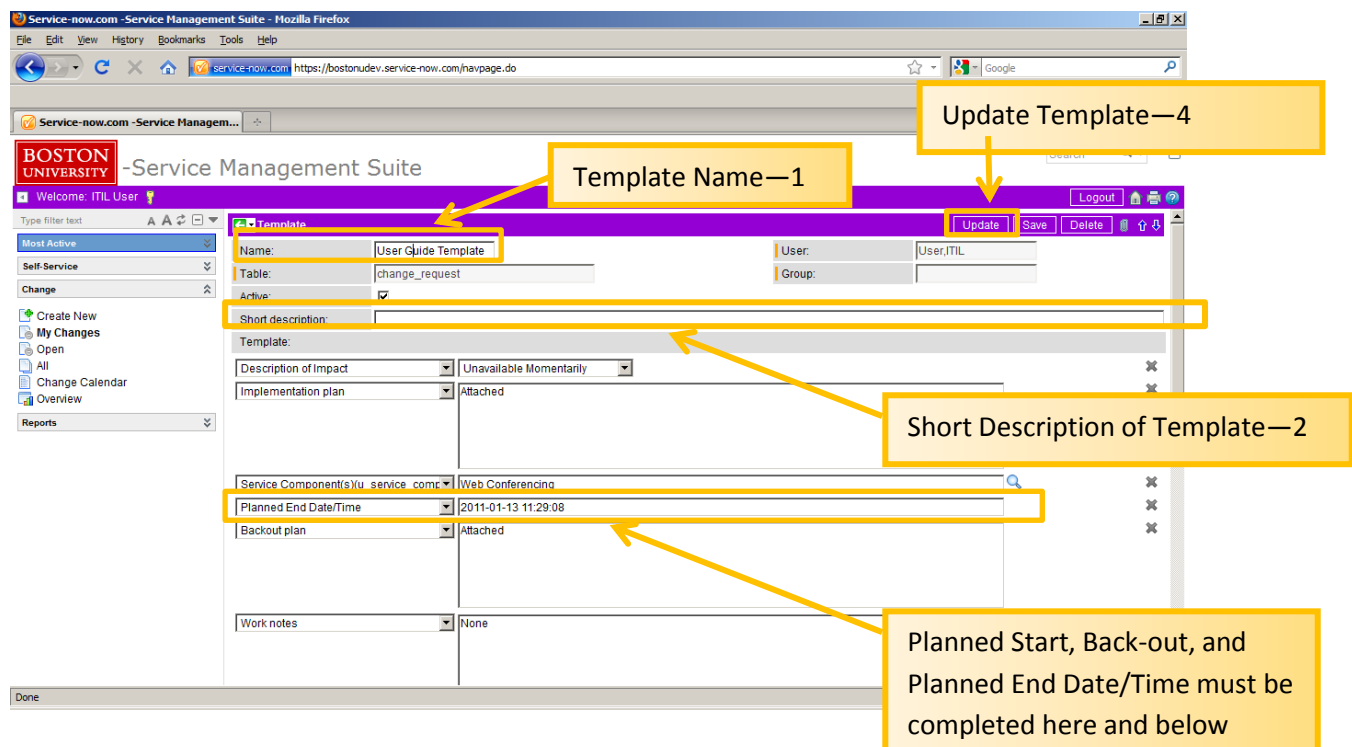
#### *Creating a Template*

1. To create a template for a change, follow steps 1–7 in the RFC Procedures section of this guide (make note of the assigned RFC number).
2. Open the RFC number that was just created.
3. Right-click on “Change Request” on the upper bar
4. Select “Templates.”
5. Select “Save as Template.”



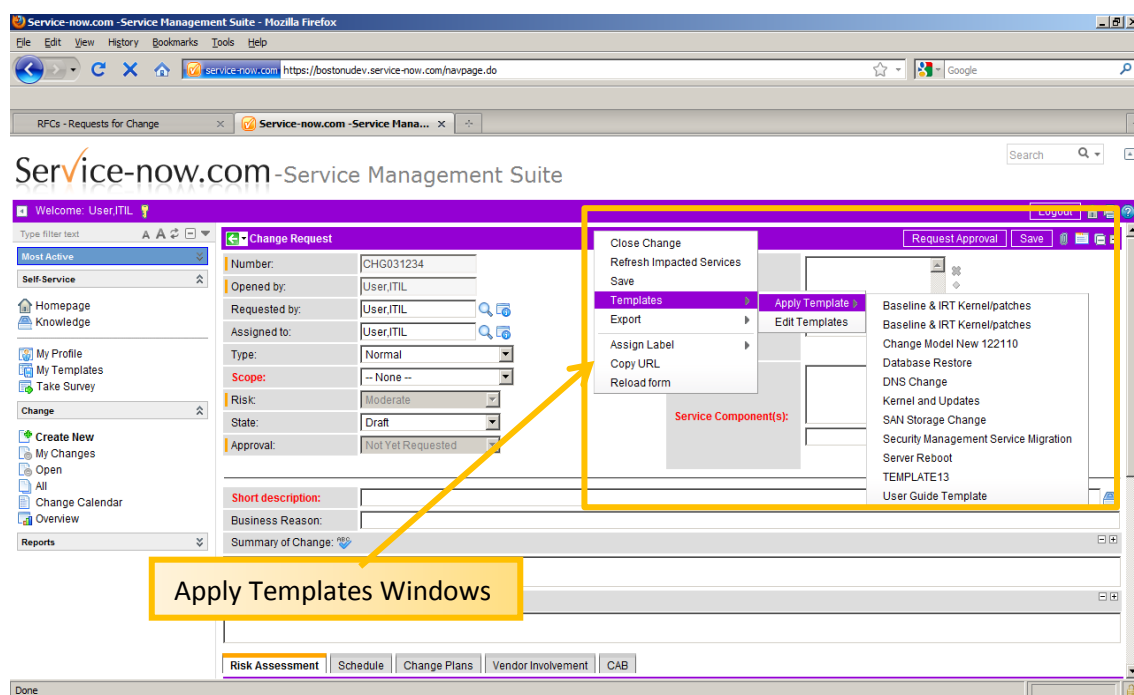
6. Create a descriptive, non-technical name for the template.
7. In the “Short Description” field, type “Template for” and then copy the text from the “Short Description” field in the body of the template into the field.
8. Clear the “Planned End,” “Back-Out,” and “Planned Start Date and Time” fields.
9. Click on the update box in the lower left or upper right part of the screen to save the template.

# Change Management Users' Guide



## Utilizing Templates

1. Click on “Create New.”
2. Right-click on “Change Request” on the upper bar.
3. Select “Templates,” “Apply Templates,” and the template that you wish to use (previously named).



## Change Management Users' Guide

4. The RFC will populate with the values from the template selected.
5. Complete the required fields in the RFC (Dates and Times) and update those fields that need to be changed.
6. Either "Request Approval" or "Save" using the appropriate selection box.

## Appendix B

### Frequently Asked Questions

- Q. Where can I get a description of a field within an RFC?
- A. A description balloon will appear for a particular field when the cursor is held over that field for more than a second or two.
- Q. How does notification of a University or Campus-wide change get sent out to the campus?
- A. An internal IS&T mailing list exists through which subscribers to the list are notified of the week's upcoming service-impacting changes, which were approved at the weekly CAB meeting. Service-impacting changes that are requested and approved outside of the CAB meeting are sent to the same list.
- Q. What are Change Tasks?
- A. Tasks can be used to track activities as part of the implementation. They should be used to help coordinate between groups. For example, if a server needs to be physically installed and then separately configured, one task may be created for one group to physically install and cable the server, with a second task created for the configuration of the server by a different group.

# Change Management Users' Guide

Service-now.com -Service Management Suite - Mozilla Firefox

https://bostonudev.service-now.com/navpage.do

RFCs - Requests for Change

BOSTON UNIVERSITY -Service Management Suite

Welcome: User.UTIL

Change Request - Required field

Risk Assessment

Service Interrupted/Degraded?: -- None --

Two Or More Teams Required?: -- None --

Single Point Of Failure?: -- None --

New/High Risk Routine Activity?: -- None --

Security Approval Required?: -- None --

Additional Comments:

Request Approval Update Save

Related Changes Change Tasks

Change Tasks New Go to Assigned to

Parent = CHG030960

Number	Short description	State	Assignment group	Assigned to	Opened	Closed
--------	-------------------	-------	------------------	-------------	--------	--------

Response time(ms): 1557, network: 436, browser: 637, server: 484

Q. What are Related Changes?

A. Related Changes can be used to create parent/child or hierarchical relationships between RFCs.

Service-now.com -Service Management Suite - Mozilla Firefox

https://bostonudev.service-now.com/navpage.do

RFCs - Requests for Change

BOSTON UNIVERSITY -Service Management Suite

Welcome: User.UTIL

Change Request - Required field

Risk Assessment

Service Interrupted/Degraded?: -- None --

Two Or More Teams Required?: -- None --

Single Point Of Failure?: -- None --

New/High Risk Routine Activity?: -- None --

Security Approval Required?: -- None --

Additional Comments:

Request Approval Update Save

Related Changes Change Tasks

Related Changes Search for text

Parent = CHG030960

Number	Planned Start Date/Time	Risk	Assigned to	Short description	Approval
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Response time(ms): 1557, network: 436, browser: 637, server: 484

# Change Management Users' Guide

## Appendix C

### Glossary of Key Terms

#### Categorization

Changes are categorized into four types.

- Normal—Change that will follow normal approval flow
- Standard Pre-Authorized—Change that is pre-approved based on a model
- Urgent—Change that must occur prior to the prescribed lead-time
- Emergency—Change made to resolve an incident; may be documented after the fact

#### Impact

Impact assessment is based on the scope of the change as expressed in University-related terms.

- University/Campus—one or both campuses (CRC & BUMC)
- Significant—A school or two or more departments
- Department—A single department
- Minor—Five or fewer clients

#### Risk

Risk is an assessed field which assigns a value to the change based on the answers to four questions, and then converts that value to a statement.

- Will service be interrupted or degraded?
- Are two or more teams required to implement the change?
- Is there a single point of failure (SPOF)?
- Is this a new or high-risk routine activity?

For each “yes” answer a point is assigned. The total points, or risk value, of the change is equated to a risk assessment that gets assigned to the change

- Four equals “Very High”
- Three equals “High”
- Two or One equals “Moderate”
- Zero equals “Low”

All risks are assigned a default value of “Moderate” when opened.

# Change Management Users' Guide

## Change Advisory Board (CAB)

The CAB (Change Advisory Board) is comprised of members who serve to support the authorization, assessment, and recommendation for or against changes from both a technical and business point of view. Each functional area should maintain representation on the CAB. The role of CAB member may be a permanent appointment or as-needed for input on a given change.

- Represent their team and their team's changes
- Review changes prior to the meeting
- Assess and recommend the approval or rejection of proposed changes; if a CAB member does not approve a change, explain why
- Attend to approvals in a timely manner
- Attend or send a knowledgeable representative to weekly CAB meeting
- Act as a liaison between the CAB and their team regarding Change Management policies, procedures, questions, or enhancements

## Emergency Change Advisory Board (ECAB)

The ECAB (Emergency CAB) is a sub-set of the CAB. ECAB members authorize urgent changes when convening a regular CAB meeting is not appropriate or feasible. The role of ECAB membership is ad hoc, based on the nature of the emergency or urgent change. Members of a given ECAB may be part of the permanent CAB or filling an as-needed role to help assess the urgent change under review. While ECAB membership does shift, the Change Manager is always part of the ECAB. ECAB members will assess and approve or reject urgent changes of all risk types submitted and scheduled for implementation before the next scheduled CAB meeting

## Change Freeze

A change freeze is a period of time during which changes of all types, scopes, and risks submitted for implementation are reviewed and subject to approval by the CAB or ECAB. Change freezes are typically associated with high-profile University events such as registration, semester start-up, and graduation.

# Change Management Users' Guide

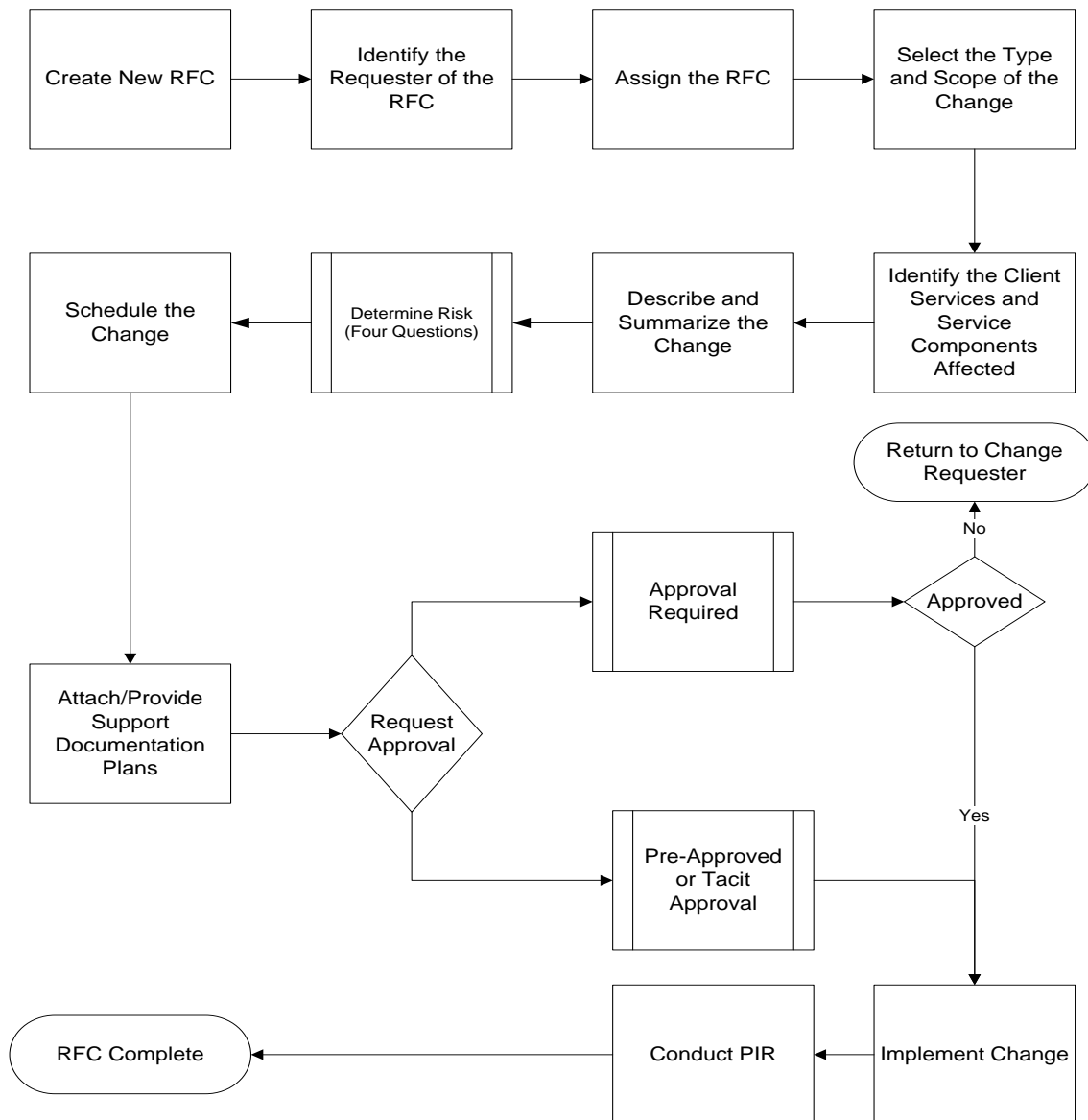
## Appendix D

### Process Flows—Generic RFC Work Flow for:

**Normal Change:** Having a low, moderate, high, or very high level of risk

**Urgent Change:** Must happen prior to a prescribed lead time (next CAB Meeting)

**Standard Pre-Approved Change:** Pre-approved based on change model



**Emergency Change:** For changes that are required to resolve incidents. These changes can be submitted after the fact. Approval comes from management.