

# Change Manager – Queue Management

**Contents:** This topic covers the procedure to review the daily Change Management Request Queues and to run individual daily Change Request reports for CTO, CTG, and ProTax.

**Responsibility:**

- The Change Manager only.

**What You Need:**

- Access to Service Now Change Requests

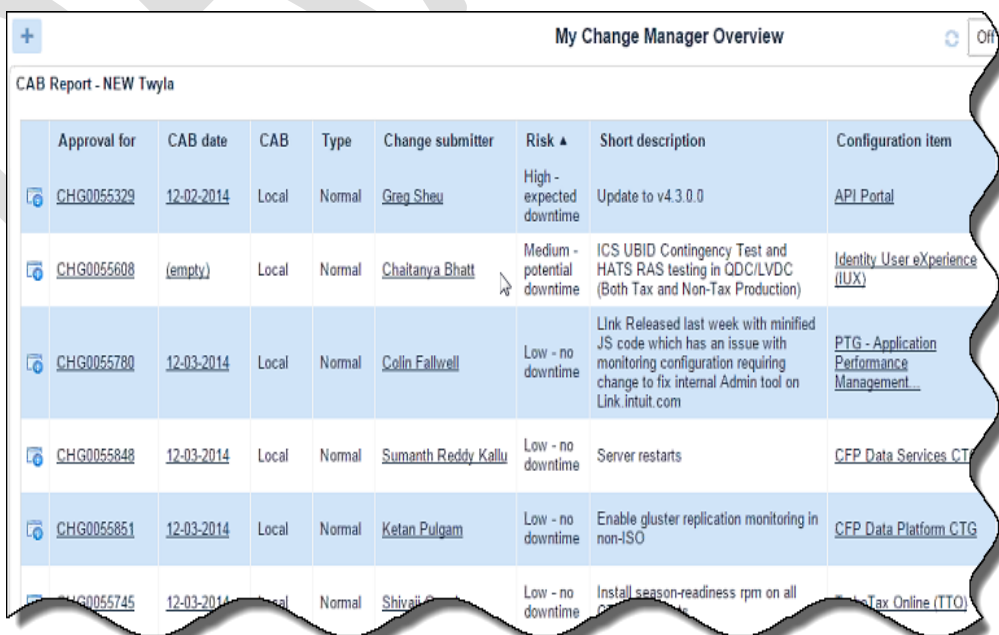
**Applications Used:**

- ServiceNow - <https://intuit.service-now.com/>
- Microsoft Excel

**Uses:** Any Change Request that has been approved completely and is ready for review will come into this queue regardless of which business unit requested the change. Initially the CAB date will be empty and needs to be added.

**Procedure:** To review impacts and approvals:

1. Open Service Now and view the My Change Manager Overview screen.



| Approval for               | CAB date                   | CAB   | Type   | Change submitter                    | Risk ▲                      | Short description   | Configuration item                                       |
|----------------------------|----------------------------|-------|--------|-------------------------------------|-----------------------------|---|--|
| <a href="#">CHG0055329</a> | <a href="#">12-02-2014</a> | Local | Normal | <a href="#">Greg Sheu</a>           | High - expected downtime    | Update to v4.3.0.0  | <a href="#">API Portal</a>                               |
| <a href="#">CHG0055608</a> | (empty)                    | Local | Normal | <a href="#">Chaitanya Bhatt</a>     | Medium - potential downtime | ICS UBID Contingency Test and HATS RAS testing in QDC/LVDC (Both Tax and Non-Tax Production)  | <a href="#">Identity User eXperience (IUX)</a>           |
| <a href="#">CHG0055780</a> | <a href="#">12-03-2014</a> | Local | Normal | <a href="#">Colin Fallwell</a>      | Low - no downtime           | Link Released last week with minified JS code which has an issue with monitoring configuration requiring change to fix internal Admin tool on Link.intuit.com | <a href="#">PTG - Application Performance Management</a> |
| <a href="#">CHG0055848</a> | <a href="#">12-03-2014</a> | Local | Normal | <a href="#">Sumanth Reddy Kallu</a> | Low - no downtime           | Server restarts   | <a href="#">CFP Data Services CT</a>                     |
| <a href="#">CHG0055851</a> | <a href="#">12-03-2014</a> | Local | Normal | <a href="#">Ketan Pulgam</a>        | Low - no downtime           | Enable gluster replication monitoring in non-ISO  | <a href="#">CFP Data Platform CTG</a>                    |
| <a href="#">CHG0055745</a> | <a href="#">12-03-2014</a> | Local | Normal | <a href="#">Shivaji</a>             | Low - no downtime           | Install season-readiness rpm on all   | <a href="#">Tax Online (TTO)</a>                         |

- Review the list for any Change Requests that have a blank CAB date [shows as (empty)].

|  |         |       |        |                           |
|--|---------|-------|--------|---------------------------|
|  <a href="#">CHG0055922</a> | (empty) | Local | Normal | <a href="#">Jessy Liu</a> |
|--|---------|-------|--------|---------------------------|

- Open the Change Request and review it for all needed information. Verify that all approvals have been completed.

| Change Tasks (1)   | Approvers (8)                   | Problems                                    | Affected CIs (607) | Impacted Services (3) | Incidents Pending Change | Incidents Caused B |
|--|---------------------------------|---|--------------------|-----------------------|--------------------------|--------------------|
| Approvers <a href="#">Edit...</a> Go to State <input type="text"/> <input type="text"/> <input type="text"/> |                                 |   |                    |                       |                          |                    |
| Approval for = CHG0055851  |                                 |   |                    |                       |                          |                    |
| State  | Approver                        | Name  | Comments           |                       |                          |                    |
| Approved   | <a href="#">Denson Pokta</a>    |   | 12-02-2014 01:36   |                       |                          |                    |
| Approved   | <a href="#">Robert Walsh</a>    | Bus Apps - CTG: CFP Data Platform - Appr... | 12-02-2014 01:25   |                       |                          |                    |
| No Longer Required   | <a href="#">Jay Valavan</a>     | Bus Apps - CTG: CFP Data Platform - Appr... |                    |                       |                          |                    |
| Requested  | <a href="#">Twyla Curl</a>      | Change Managers Approval                    |                    |                       |                          |                    |
| Requested  | <a href="#">Victor Garcia</a>   | Change Managers Approval                    |                    |                       |                          |                    |
| Requested  | <a href="#">Mischelle Irvin</a> | Change Managers Approval                    |                    |                       |                          |                    |
| Requested  | <a href="#">Karen Chiles</a>    | Change Managers Approval                    |                    |                       |                          |                    |
| Requested  | <a href="#">Ben Narramore</a>   | Change Managers Approval                    |                    |                       |                          |                    |

- If all approvals have been completed (it should show that the approval state is either Approved or No Longer Required), on the Schedules tab of the Change Request, enter the date of the next regularly scheduled CAB meeting.

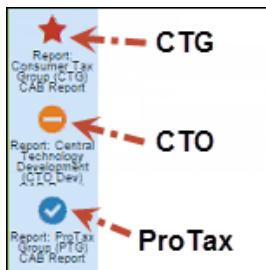
| Schedule           | Planning               | Notes               |
|--------------------|------------------------|---------------------|
| Schedule           |                        |                     |
| CAB                | Local                  | CAB date 12-03-2014 |
| Planned start date | 12-22-2014 10:00:00 AM |                     |
| Planned end date   | 12-22-2014 01:00:00 PM |                     |

- Click Update to save your work and update the Change Request.

**Running the Daily Reports:**

The workflow in Service Now separates it into three reports; CTG, CTO, and Pro-Tax.

- From the left navigation pane in Service Now, open the specific BU's report you need prior to each day's CAB meeting.



2. Click the appropriate link (CTG, CTO, or ProTax) to generate each report.
3. Once you see the Report screen, right-click on Number in the Change Requests section of the screen.

**Note:** These reports are pre-configured so you don't need to change the filters.

The screenshot shows the configuration for a report titled "Consumer Tax Group (CTG) CAB Report". The configuration includes:

- Name:** Consumer Tax Group (CTG) CAB Report
- Type:** List
- Table:** Change Request [change\_request]
- Group by:** -- None --
- Export details:**
- Header Footer Template:** Default
- Visible to:** Me (selected), Groups and Users

Available filters include: Opened by (+), Configuration item (+), Active, Activity due, Actual resolve date, Actual response date, Additional comments (Custom), and Approval history.

Filter conditions:

- CAB date at or after javascript.gs.daysAgoEnd(0)
- Configuration item.BUFG L2 is Consumer Tax Group (CTG)
- State is Pending approval

Sort field: + Add Sort Field

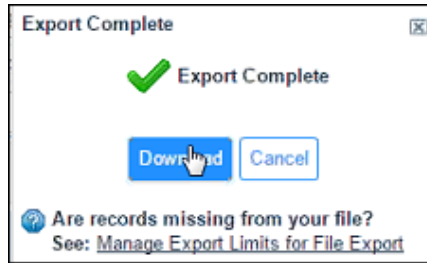
| Number      | CAB date   | Opened by        | Short description                                   | Risk              | State            |
|-------------|------------|------------------|---|-------------------|------------------|
| CHG0055851  | 12-03-2014 | Ketan Pulgam     | Enable gluster replication monitoring in non-ISO    | Low - no downtime | Pending approval |
| CHG00556045 | 12-03-2014 | Gopinath Shankar | MTT Application release on 12/4                     | Low - no downtime | Pending approval |
| CHG0055745  | 12-03-2014 | Shivaji Gungi    | Install season-readiness rpm on all CTG prod hosts. | Low - no downtime | Pending approval |
| CHG0055848  |            | Sumanth K...     | Server r...   | Low - no downtime | Pending approval |

4. Select Export>Excel.

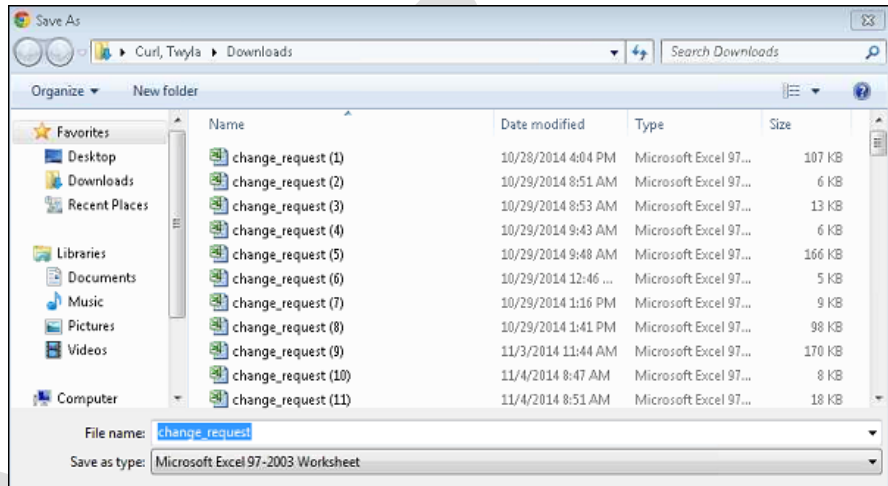
The screenshot shows the "Change Requests" table with the context menu open over the "Number" column header. The menu options are:

- Sort (a to z)
- Sort (z to a)
- Show Visual Task Board
- Bar Chart
- Pie Chart
- Export
  - Excel
  - CSV
  - PDF

- Click Download after the report is exported.



- Save the Excel spreadsheet to your hard drive.



- Open the Excel spreadsheet.

| Number     | Traffic Move Recommended | Short description  | Configuration item            | Hosting segmen | Planned start date  | Planned end date    |
|------------|--------------------------|--|-------------------------------|----------------|---------------------|---------------------|
| CHG0053787 | FALSE                    | Modify Verisign gre tunnel configuration on both our QDC bdr routers, br3 and br4, and in LVDC bdr routers, br1 and br2. | br3-fw1-qcy                   |                | 2014/11/18 08:00:59 | 2014/11/18 17:00:59 |
| CHG0053962 | FALSE                    | CTG ISOLATION Performance - QYDC ELVDC B ICS-Identity Systems RAS Testing - 11/18  | Identity User experience (UX) |                | 2014/11/18 09:00:00 | 2014/11/18 17:00:00 |
| CHG0053417 | FALSE                    | Apply RedHat hot fixes in Gluster to fix geo-replication issue   | CFP Data Platform CTG         |                | 2014/11/18 10:00:00 | 2014/11/18 13:00:00 |
| CHG0053789 | FALSE                    | Local carrier ATT needs to do intrusive testing  | br3-fw1-qcy                   |                | 2014/11/18 12:00:00 | 2014/11/18 18:00:00 |
| CHG0053416 | FALSE                    | Node process monitoring through epagent for jumstart   | SnapTax                       |                | 2014/11/18 13:35:49 | 2014/11/18 14:35:49 |
| CHG0053894 | FALSE                    | CFP SP Prod - Override Confg Changes in Isolation Zone for Emulator for Load test on 11/19                               | CFP Service Platform CTG      |                | 2014/11/18 14:00:20 | 2014/11/18 16:00:20 |
| CHG0053965 | FALSE                    | Check it acquisition VPN modification. Adding network to encryption domain.  | fw1-pae-qcy-active            | QDC-PAE        | 2014/11/18 17:00:00 | 2014/11/18 18:00:00 |
| CHG0053953 | FALSE                    | UnboundID Tax PRD Update Extensions  | UnboundID                     |                | 2014/11/18 17:00:00 | 2014/11/18 18:00:00 |

- Remove any unused fields such as Risk, State, BUs, and Approval, and clean it up so that it is easy to read.
- Sort it by Planned Start Date order and apply any formatting that will help you to be able to easily read it.
- Select the spreadsheet contents and copy them into memory (CTRL+C).
- Open the Word document for the previous day's CAB Minutes.
- Insert today's Excel document into it, replacing the previous day's information (CTRL+V).
- Change the date at the top of the report to reflect today's date.

**CAB Meeting Minutes- 12/2/2014**

| CAB Core Group Member                              | In Attendance                          |
|--|--|
| Change Management CM Team                          | YES                                    |
| CTG Biz Ops (Suresh Panchal)                       | YES                                    |
| CTG Biz Ops Engineers (Scott Zoelner, Jay Valavan) | YES                                    |
| Service Delivery (Damon Jamora, David Milne)       | YES                                    |
| Service Ops Manager (Ryan Sheahan)                 | NO                                     |
| PD Leaders – Various                               | Mondays Only - Separate Roll Call List |

**CAB approval does not substitute ServiceNow tool approvals, please be diligent in making sure your request is fully approved before work starts.**

**Daily CAB Report - CTG**

| Number                                | CAB date  | Opened by            | Short description  | Risk             | Planned start date | Planned end date | Category    | Configuration Item                      |
|---------------------------------------|-----------|----------------------|--|------------------|--------------------|------------------|-------------|---|
| CHG0055618<br>Approved                | 12/2/2014 | Oopinath Shankar     | GetData deployment for W2 Import and prior year PDF widget                                 | Low- no downtime | 12/3/14 2:00 PM    | 12/3/14 3:00 PM  | Application | GetData                                 |
| CHG0055309<br>Approved                | 12/2/2014 | Billy Kneuper        | Production deployment of QuadE for upcoming CTO December Performance Testing in Production | Low- no downtime | 12/4/14 12:00 PM   | 12/4/14 1:00 PM  | Application | Free File Fillable Forms Service (FFFF) |
| CHG0055607<br>Approved – CFP requests | 12/2/2014 | Sai Vaibhav Sachdeva | QDC-E Gauster 2.1.4 patch hotfix   | Low- no downtime | 12/5/14 9:00 AM    | 12/5/14 8:00 PM  | Application | CFP Data Platform CTO                   |

14. Indicate which items are approved by documenting that in the Number field along with any other pertinent details.

| Number  | CAB date  |
|---|-----------|
| CHG0055618<br>Approved  | 12/2/2014 |
| CHG0055309<br>Approved  | 12/2/2014 |
| CHG0055607<br>Approved – CFP requests traffic move from QDC-E | 12/2/2014 |

15. At the end of the meeting, send the report in an email to the appropriate distribution list.

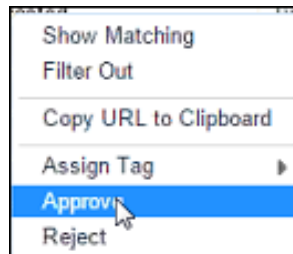
- CTG - Send this report to the *CTG Application Operations* distribution list.
- ProTax - Send this report to the *PTG CAB* distribution list.
- CTO - Send this report to the *CTO-Dev Cab* distribution list.

16. Open the Service Now record for each Change Request that was approved and review it for all required fields in the following tabs:

- Scheduled tab
- Planning tab

| Change Tasks (1)   | Approvers (8) | Problems                                    | Affected CIs (607) | Impacted Services (3) | Incidents Pendi |
|--|---------------|---|--------------------|-----------------------|-----------------|
| <div style="display: flex; justify-content: space-between; align-items: center;"> <span>Approvers</span> <span>Edit...</span> <span>Go to</span> <span>State</span> <span>▼</span> <span>Q</span> </div> |               |   |                    |                       |                 |
| Approval for = CHG0055851  |               |   |                    |                       |                 |
| State ▲  | Approver      | Name  |                    |                       |                 |
| Approved   | Denson Pokta  |   |                    |                       |                 |
| Approved   | Robert Walsh  | Bus Apps - CTG: CFP Data Platform - Appr... |                    |                       |                 |
| No Longer Required   | Jay Valavan   | Bus Apps - CTG: CFP Data Platform - Appr... |                    |                       |                 |
| Requested  | Twyla Curl    | Change Managers Approval                    |                    |                       |                 |

17. Once you verify the Change Request for containing complete information, open the Approver's tab and locate your name.
18. Right-click on your name, and select Approve.



19. Click Update to save your approval.

Once any Change Manager approves the Change Request, it will move it to the Approved state and no other Change Management approval will be required.

# Change Management – CTG Daily Report Reviewing for Traffic Moves and Conflicts

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**Contents:** This topic covers the procedure to review the daily Change Request report to determine if there are conflicts or traffic moves (throughout the enterprise) that must be scheduled and communicated out to the appropriate teams. Use this report prior to the daily Change Advisory Board (CAB) meeting by marking up your idea of whether there is an issue and then discuss it at the Daily CTG CAB meeting.

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**Responsibility:**

- The Change Request Approver

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**What You Need:**

- Access to ServiceNow Change Requests
- You must be listed in the report called *CTG Daily Scheduled for this Week* as authorized to view it.

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**Timing:**

- Perform this for the current day only. Because maintenance is often rescheduled, doing this daily will prevent you from needing to reschedule other events that may conflict.

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**Applications Used:**

- ServiceNow - <https://intuit.service-now.com/>
- Microsoft Excel
- Product vs Infrastructure Impact Matrix v2 0.xlsx
- Change Management Traffic Move Logic Cheat Sheet

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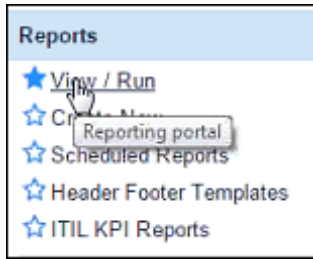
**Uses:** Reviewed daily during the CTG CAB. We are specifically viewing this report to locate traffic moves involved in enterprise-wide storage or network maintenance or for CTG maintenance.

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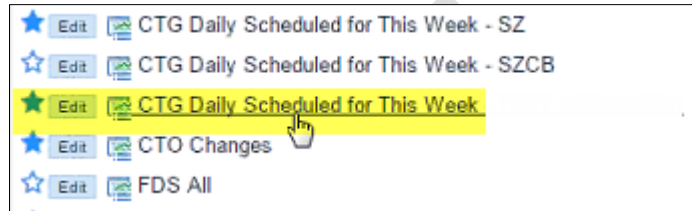
**Procedure:**

1. Click <https://intuit.service-now.com> to open Service Now.
2. From the Change Request left navigation pane, select Reports>View/Run.

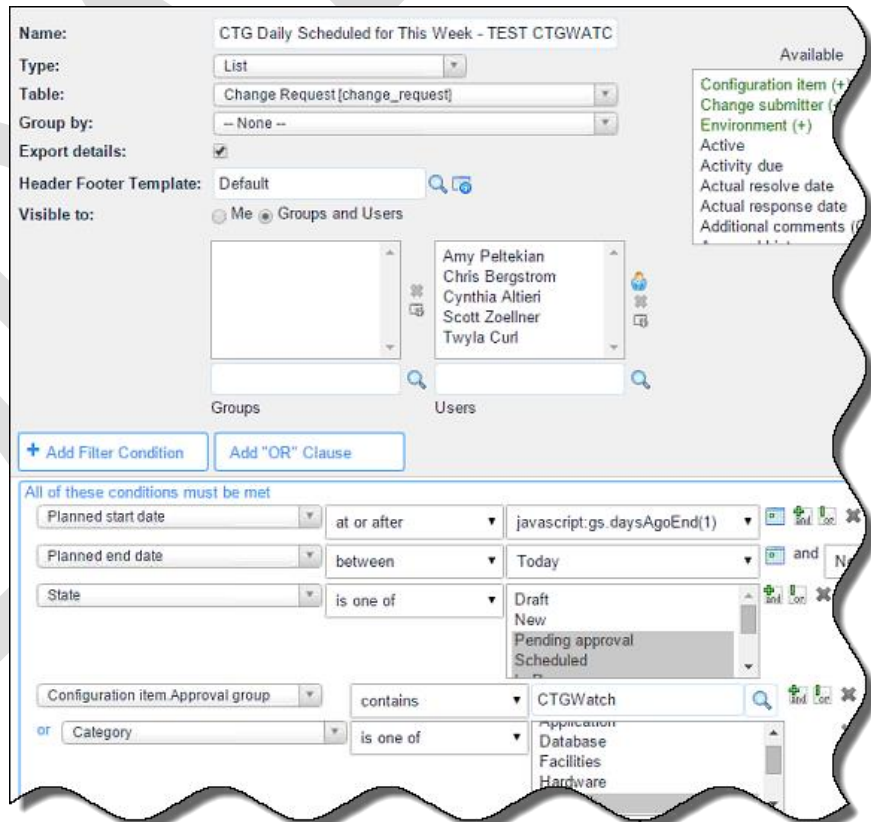




3. Double-click on the report called *CTG Daily Scheduled for this Week* to open it.

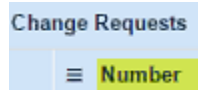


4. When the report selection options open, scroll down to the bottom of the screen without changing the filtering options. The report is pre-configured for you.

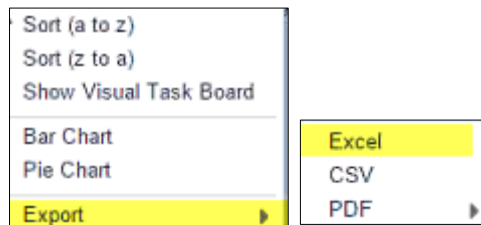


5. At the bottom, you'll see the current report. You can export it to Excel by right-clicking on the Number, (highlighted below).

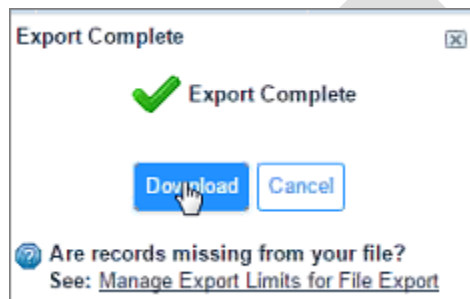




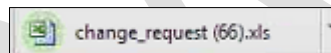
6. Select Export>Excel from the drop-down list.



7. When the Export is complete, click Download.



8. Click the file to open it and then save a copy to your hard drive.



9. You should have previously reviewed any Change Requests for approval as the Change Manager.

You can use the information you reviewed earlier as well as the following documents to research whether to approve of the request or not see the following reports (located on the same wiki page as this document):

- Product vs Infrastructure Impact Matrix v2 0.xlsx – Use this document to look up what applications reside in the zone being modified and add that information to the Hosting Segment field in your Excel report. See [Change Request Approver – Using the Matrix Report](#) to learn how to use this matrix.
  - Change Management Traffic Move Logic Cheat Sheet – Use details in the short description field to search on logic in the cheat sheet. If you can see that you've handled a traffic move for this kind of change before, you will likely use the same answer that is reflected here to enter in the Traffic Move field.
10. In the Traffic Move field, enter an answer about whether traffic should be moved for the requested change to be approved:

- ? – Use a question mark next to an answer to indicate that you’ve made an educated guess but that you will still need to check with Scott Zoellner regarding your educated guess. Once you have an answer, you can update the cheat sheet with the answer to help you the next time you have a similar request.
- Yes – Use Yes in this field when you believe there will be a traffic move. Update the Hosting Segment field with specific information about what is effected if you specify that a traffic move is warranted.
- No – Use No when you do not believe there is a traffic move needed for the Change Requested to be implemented.

| A  | B          | C                        | D   | E                              | F                    |         |
|--|------------|--------------------------|---|--------------------------------|----------------------|---------|
| Traffic Move                                   | Number     | Traffic Move Recommended | Short description   | Configuration Item             | Hosting segment      | Planned |
| No - Iso?                                      | CHG0053962 | FALSE                    | CTG ISOLATION Performance - QYDC ELVDC B ICS-Identity Systems RAS Testing - 11/18 | Identity User eXperience (IUX) |                      | 11/18   |
| No?  | CHG0053417 | FALSE                    | Apply RedHat hot fixes in Gluster to fix geo-replication issue                    | CFP Data Platform CTG          |                      | 11/18   |
| No?  | CHG0053416 | FALSE                    | Node process monitoring through epagent for jumpstart                             | SnapTax                        |                      | 11/18   |
| Yes - Traffic will already be moved for Ontaps | CHG0050679 | FALSE                    | LVDC LTM Port Channel Configuration   | Network - Datacenter (General) | LVDC - Pending Zones | 11/18   |
| No - CTO Moves their own traffic               | CHG0052954 | FALSE                    | Deploy v3.10.39 to API Gateway production in non-isolation zone                   | API Gateway                    |                      | 11/18   |

- Review your decisions during the daily CAB meeting and mark on the document whether the request was approved or not.
- Save your Excel file at the end of the meeting.

| Change Tasks (1)   | Approvers (8)      | Problems     | Affected CIs (607) | Impacted Services (3)             | Inc |
|--|--------------------|--------------|--------------------|-----------------------------------|-----|
| <div style="display: flex; justify-content: space-between; align-items: center;"> <span>Approvers</span> <span>Edit...</span> <span>Go to</span> <span>State</span> <span>▼</span> <span>🔍</span> </div> |                    |              |                    |                                   |     |
| <div style="display: flex; justify-content: space-between; align-items: center;"> <span>Approval for = CHG0055851</span> </div>  |                    |              |                    |                                   |     |
| 🔍  | 📄                  | 👤            | 👤                  | 👤                                 |     |
| 🟢  | Approved           | Denson Pokta |                    |                                   |     |
| 🟢  | Approved           | Robert Walsh |                    | Bus Apps - CTG: CFP Data Platform |     |
| 🟡  | No Longer Required | Jay Valavan  |                    | Bus Apps - CTG: CFP Data Platform |     |
| 🟡  | Requested          | Twyla Curl   |                    | Change Managers Approval          |     |

- After the CAB meeting, email a copy of the Daily report to the CTG Application Operations distribution list.

**From:** Curl, Twyla  
**Sent:** Tuesday, December 02, 2014 2:09 PM  
**To:** CTG Application Operations  
**Subject:** Daily Change Report as 12/2/14

Hey everyone,

Please note traffic move for tonight; please let me know if you have any questions.

| Traffic Move | Number     | Short description             | Configuration item              | Hosting segment |
|--------------|------------|-------------------------------|---------------------------------|-----------------|
|              | CHG0054870 | Add New Network Vlan          | qycsesxo01prd67.corp.intuit.net | QDC-C           |
|              | CHG0055771 | Add/Update Analysis Tool P... | AS5740                          |                 |

## Next Steps

1. Update Service Now regarding approval if these are Normal or Emergency Change Requests.
2. Create a kinetic event if there is a traffic change needed.
3. Create an Outlook invitation with the same information as is contained in the notification with the scheduled time of 2-7pm and send it to the *CTG Application Operations* distribution list.

# Change Management - Scheduling Change Requests in the CTG Milestone (Kinetic) Calendar

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**Overview:** After Change Requests are approved during the daily Change Advisory Board (CAB) meeting, they need to be added to the Kinetic Calendar (CTG Milestone Calendar). The calendar is used to schedule all Change Requests, traffic moves, etc. that occur throughout the enterprise. Specifically, we want to schedule any traffic moves required to perform storage or network maintenance or for CTG-specific maintenance.

## Using the Kinetic Calendar

- Change Request scheduling – you can add every approved traffic move directly to the CTG Milestone (kinetic) calendar from this link: <http://kineticcalendar.corp.intuit.net/kineticCalendar/calendar?id=CTG%20Milestone%20Calendar>
- Kinetic events are fed through Service Now. Add a new event directly into the Kinetic calendar using the link to the calendar but if you need to make an update, you MUST do it through ServiceNow.

**Warning:** Because of Intuit’s fluidity regarding maintenance changes, events will be cancelled or rescheduled. Watch your email and make sure that you update any scheduling changes using Service Now.

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**Responsibility::**

- The Change Request Approver

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**What You Need:**

- Access to the CTG Milestone (Kinetic) Calendar.
- Access to Change Requests in Service Now.
- You must receive notifications regarding maintenance change requests.

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**Applications Used:**

- ServiceNow - <https://intuit.service-now.com/>
- [CTG Milestone \(Kinetic\) Calendar](#)

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**Uses:** To schedule a Change Request that requires traffic move to perform storage or network maintenance or for CTG-specific maintenance.

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**Procedure:**

1. Open Service Now at <https://intuit.service-now.com/>.
2. In email, open the Change Request and find its number.

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3. Highlight the number and press Ctrl+C to copy it to memory.
2. In your email, search on the Change Request number to locate the maintenance notification, and then copy the contents of the notification to memory. (Use CTRL+A to copy it to memory.)

From: Silva, Eric  
 To: Tech-PI Operations Maintenance  
 Cc:  
 Subject: Reminder \*\* Please Read \*\* Network Maintenance - QDC-A JUNOS SRX Firewall Code Upgrades - 12/2 @ 10:00PM - 2:00AM \*\* Please Read \*\*

Eric Silva  
 Comm Svcs Engineer  
 Platform Ecosystem  
 o: (858) 215-8853  
 c: (858) 243-5894  
[eric\\_silva@intuit.com](mailto:eric_silva@intuit.com)

On Nov 10, 2014, at 12:06 PM, Silva, Eric <[eric\\_silva@intuit.com](mailto:eric_silva@intuit.com)> wrote:

**Date: 12-2-14** **Planned Network Maintenance**

**Time: 10:00PM – 2:00AM** **QDC-A JUNOS SRX Firewall Code Upgrades**

**Risk Level:** HIGH

**Impact Level:** HIGH

**Change Request Number(s):**  
[CHG0050534](#)

**Contact Information:**

**Purpose:**  
 Current version of code is EOL. Upgrading JUNOS SRX firewall code to 12.1X44-D35 order to maintain our support contract with Juniper.

**Impacted Customers:**  
 All applications located or that have dependencies in QDC Zone A.

**Impacted Areas: QDC Zone A**  
 All applications in QDC Zone A will experience **TWO** periods of **COMPLETE NETWORK OUTAGE** when failing over firewall nodes, for each pair, during the upgrade procedure. **DURING IMPACT ALL TCP STATE WILL BE LOST.** All applications that do not connect to the nodes will be started.

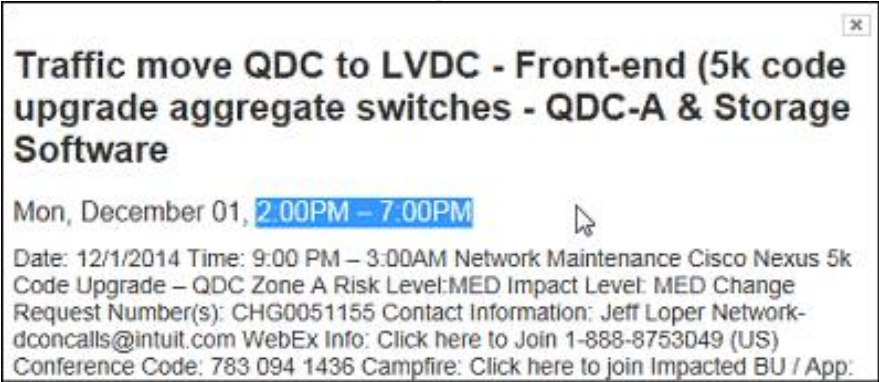
3. Open the Kinetic CTG Milestone Calendar at <http://kineticcalendar.corp.intuit.net/kineticCalendar/calendar?id=CTG%20Milestone%20Calendar>.

| Sun   | Mon  | Tue   | Wed  |
|---|--|---|--|
| 26  | 27   | 28  |  |
| 9:00pm Storage Software Up<br>10:30pm (Traffic Move) Stor<br>11:59pm (Traffic Move) Storage Software Update - Ontap | 9:00pm Storage Software Up<br>10:30pm Storage Software U | 10:00am (Traffic Move from<br>7:00pm Install Database Pat | 3:00pm 5k code upgrade C   |
| 2   | 3  | 4   |  |
| 9:00pm Move Traffic QDC to LVDC Upgrade code on Nex   | 9:00pm Traffic Move QDC to LVDC Upgrade code on Nex      |   | 7:00pm Tailif NCS code upgr;<br>8:00pm DNS VIP Adjustme<br>8:00pm Apply F5 Security Fix<br>10:00pm Planned Platform In |

4. Click Create Event.

**Create Event**

- 5. Select the type of Change Request from the list.
- 6. Paste (CTRL+V) the contents of the Maintenance Request email into the description field.
- 7. If the time is not scheduled from 2-7 pm in the Maintenance notification email, change it in the description field so that it shows as 2:00PM – 7PM.



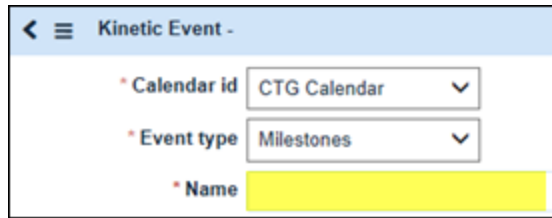
- 8. Select CTG Calendar as the Calendar ID.



- 9. Select Milestones as the Event Type from the drop-down list.

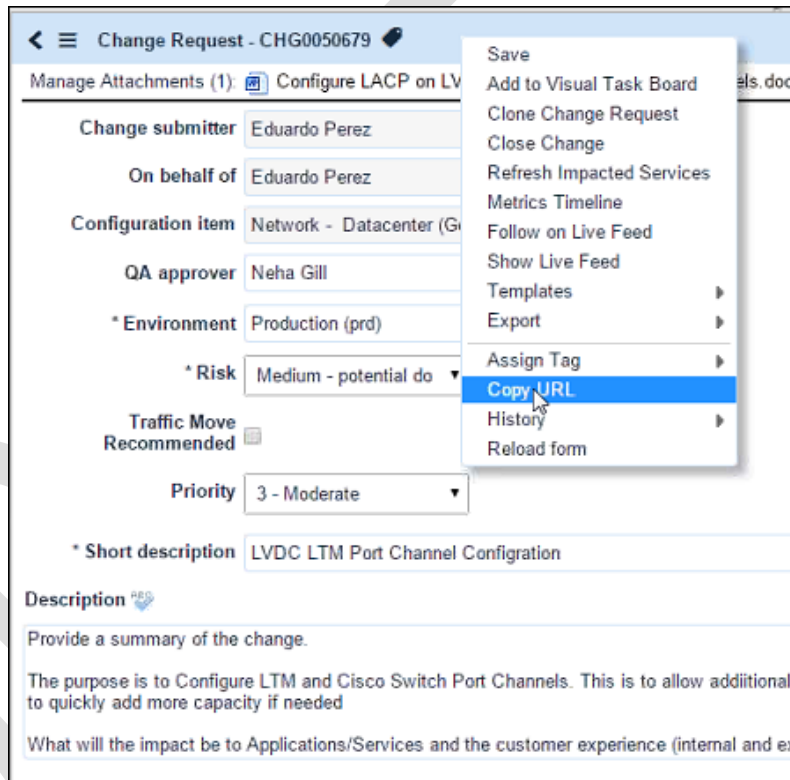


- Copy the short description from the Change Request and enter it in the Name field in the event.



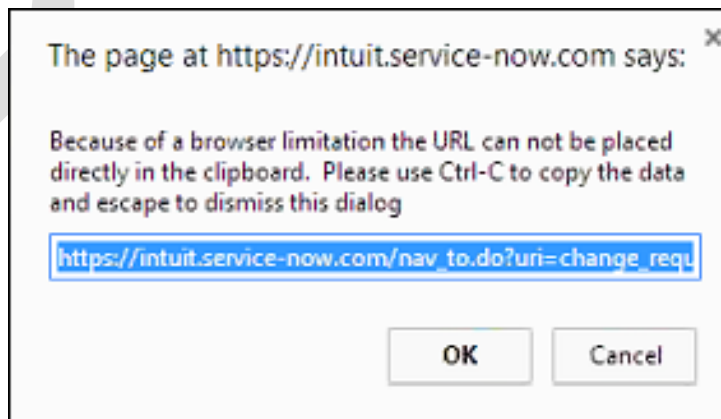
The screenshot shows a 'Kinetic Event' form. It has three main fields: 'Calendar id' with a dropdown menu set to 'CTG Calendar', 'Event type' with a dropdown menu set to 'Milestones', and 'Name' which is a text input field highlighted in yellow.

- In Service Now, with the Change Request open, right-click at the top of the Change Request and select Copy URL.



The screenshot shows the 'Change Request - CHG0050679' page. A context menu is open over the top right of the page, with 'Copy URL' selected. The page content includes fields for 'Change submitter' (Eduardo Perez), 'On behalf of' (Eduardo Perez), 'Configuration item' (Network - Datacenter (G...)), 'QA approver' (Neha Gill), '\* Environment' (Production (prd)), '\* Risk' (Medium - potential do...), 'Traffic Move Recommended' (checkbox), 'Priority' (3 - Moderate), and '\* Short description' (LVDC LTM Port Channel Configuration). Below these is a 'Description' section with a text area containing the change details.

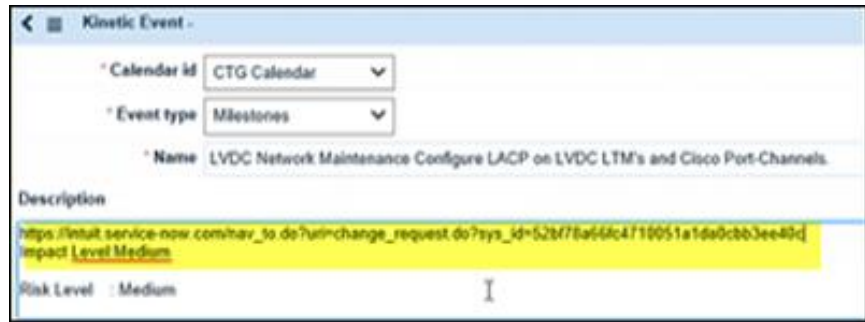
- Copy the URL from the dialog box that appears, and then click OK.



The dialog box has a title bar that says 'The page at https://intuit.service-now.com says:'. The main text reads: 'Because of a browser limitation the URL can not be placed directly in the clipboard. Please use Ctrl-C to copy the data and escape to dismiss this dialog'. Below the text is a text input field containing the URL: 'https://intuit.service-now.com/nav\_to.do?uri=change\_requ'. At the bottom are 'OK' and 'Cancel' buttons.



13. Paste the URL in the top part of the Description field in the Calendar Event.



**Kinetic Event -**

Calendar id: CTG Calendar

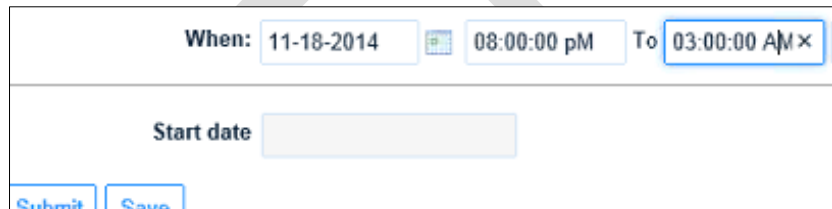
Event type: Milestones

Name: LVDC Network Maintenance Configure LACP on LVDC LTM's and Cisco Port-Channels

Description: [https://intuit.service-now.com/nav\\_to.do?uri=change\\_request.do?sys\\_id=52b778a60c4710051a1da0cb3ee40d](https://intuit.service-now.com/nav_to.do?uri=change_request.do?sys_id=52b778a60c4710051a1da0cb3ee40d)  
Impact Level: Medium

Risk Level: Medium

14. Go back to the Change Request in Service Now to locate the date and time the request is scheduled for and update that information in the Calendar.



When: 11-18-2014 08:00:00 pM To 03:00:00 AM

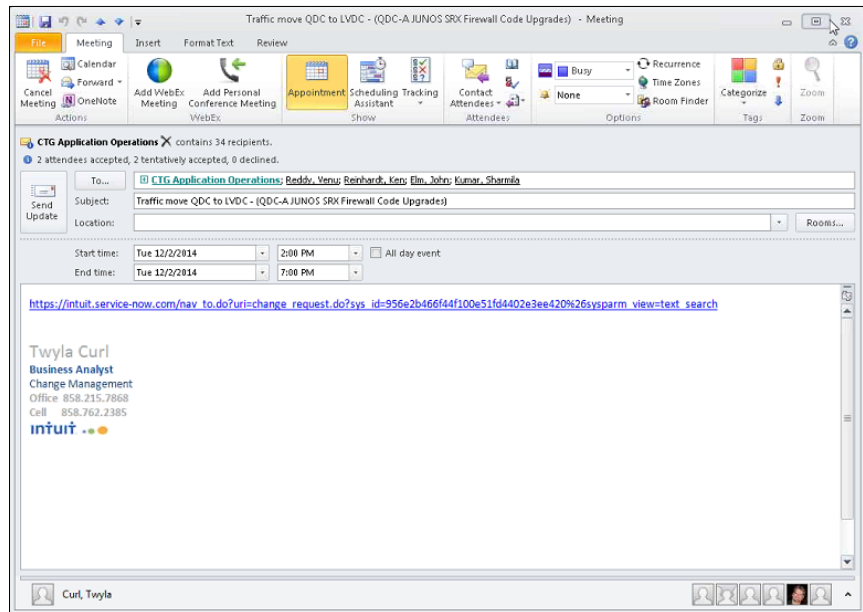
Start date

Submit Save

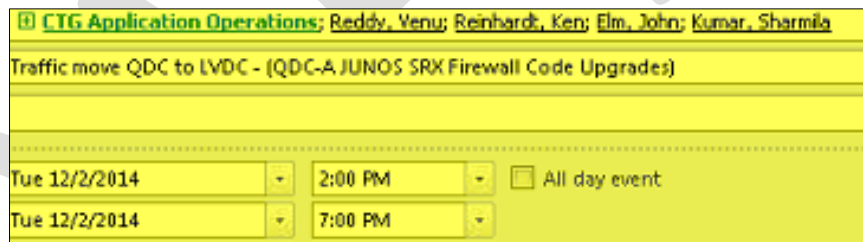
15. Click Submit to create an event in the Kinetic Calendar.

**Warning:** Remember that you can't update any events once you create them in the calendar. Once they've been entered into the Kinetic calendar, you must enter all changes using Service Now. Otherwise, any updates to the event will be disconnected from Service Now and will not become part of the Change Request record.

16. Send a calendar invite out in email indicating that the event is scheduled.



17. Send the email to the *CTG Applications Operations* team and include Venu Reddy, Ken Reinhardt, John Elm, and Sharmila Kumar.



18. In the Subject field, enter the short details of the Traffic Move.
19. Enter the Start and End times as 2 pm to 7 pm.
20. In the body of the email add the same URL to the Change Request that you retrieved earlier in this procedure.
21. Click Send to email the event.

# Change Management - Finding and Updating Change Events in the CTG Milestone Calendar

**Overview:** Kinetic events are maintained in Service Now. You can add a new event directly from the calendar but any updates to a Change Request must be scheduled through ServiceNow.

**Responsibility:**

- The Change Request Approver

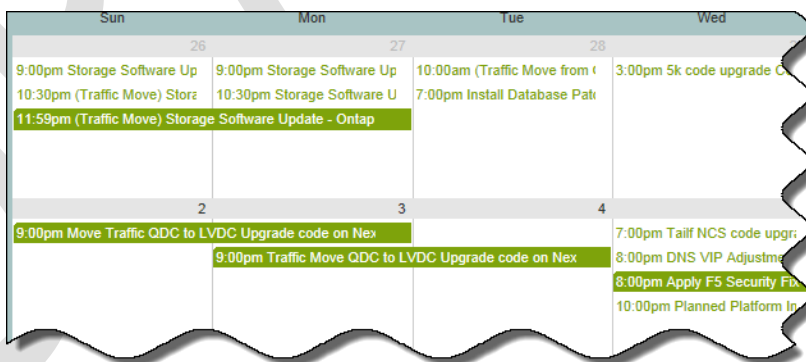
**Applications Used:**

- ServiceNow - <https://intuit.service-now.com/>
- Kinetic Calendar  
<http://kineticcalendar.corp.intuit.net/kineticCalendar/calendar?id=CTG%20Milestone%20Calendar>

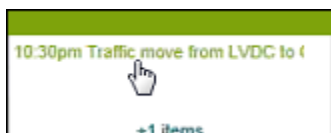
**Uses:** Making any changes to a scheduled traffic move.

**Procedure:**

1. Open the Kinetic Calendar at <http://kineticcalendar.corp.intuit.net/kineticCalendar/calendar?id=CTG%20Milestone%20Calendar>.



2. Click on a scheduled event to locate the Kinetic ID.



3. Look for the Event ID that is displayed as you will need to search for it in Service Now using the last four numbers of the Kinetic Event ID.

**Traffic move from LVDC to QDC Storage Software Update Ivfiler031a/b Ontap upgrade**

Tue, November 18, 10:30PM – 11:45PM

[https://intuit.service-now.com/nav\\_to.do?uri=change\\_request.do?sys\\_id=5766b8a76f8c750051a1da0cbb3ee4ca](https://intuit.service-now.com/nav_to.do?uri=change_request.do?sys_id=5766b8a76f8c750051a1da0cbb3ee4ca)

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**Event ID:** KIN0002180

**Event Type:** Milestones

**Submitter:** apellekian1

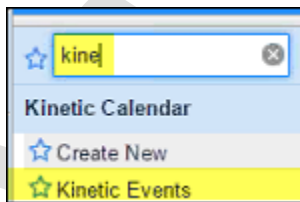
**Event Name:** Traffic move from LVDC to QDC Storage Software Update Ivfiler031a/b Ontap upgrade

**Description:** [https://intuit.service-now.com/nav\\_to.do?uri=change\\_request.do?sys\\_id=5766b8a76f8c750051a1da0cbb3ee4ca](https://intuit.service-now.com/nav_to.do?uri=change_request.do?sys_id=5766b8a76f8c750051a1da0cbb3ee4ca)

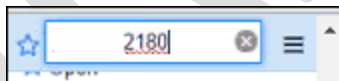
**Start Date:** Tue Nov 18 10:30:00PM PST 2014

**End Date:** Tue Nov 18 11:45:00PM PST 2014

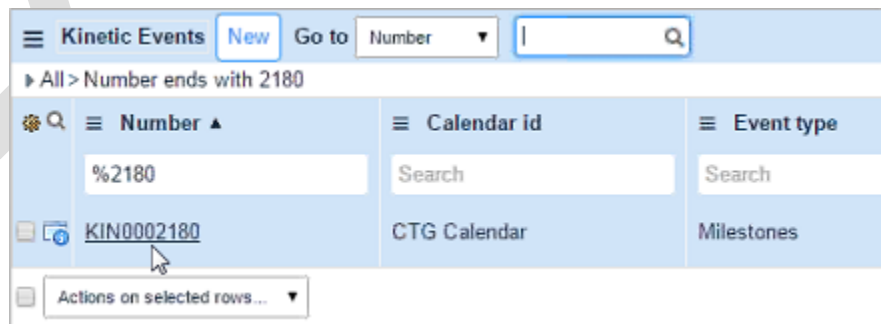
- In Service Now, click inside the Search field in Service Now and type “Kine” to locate the Kinetic Calendar.



- Select Kinetic Events.
- In the Kinetic Events Search field enter the last 4 digits of the kinetic event number to search for the item.



- Press enter to locate the event.



- Click on the event to open it.
- Make any necessary changes to the event such as entering in additional information, and then click Update.

**Note:** The subject should say the first zone and the zone where traffic will be rerouted to.

< ☰ Kinetic Event - Traffic move from LVDC to QDC Storage Software Update lvfiler031a/b Ontap upgrade

\* Calendar id: CTG Calendar      Number: KIN0002180

\* Event type: Milestones      Time zone: System (US/Pacific-)

\* Name: Traffic move from LVDC to QDC Storage Software Update lvfiler031a/b Ontap up      Active:

Description

https://intuit.service-now.com/nav\_to.do?uri=change\_request.do?sys\_id=5766b8a76f8c750051a1da0cbb3ee4ca

When: 11-18-2014 10:30:00 PM To 11:45:00 PM 11-18-2014 All day:

Start date: 11-18-2014 10:30:00 PM      End date: 11-18-2014 11:45:00 PM

Update Save Deactivate

10. You can also click Deactivate to remove it from the schedule.

DRAFT

# Change Manager – Adding a Change Request to the Watch List

**Overview:** You may find that you didn't receive a Change Request; it wasn't routed to your work queue for approval. This procedure shows you how to add a Change Request to the Watch List. You must have the maintenance request to enter it into the CTG Milestone (Kinetic) Calendar.

**Responsibility:**

- The Change Manager

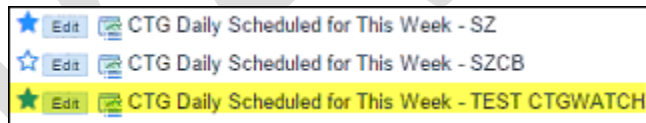
**Applications Used:**

- ServiceNow - <https://intuit.service-now.com/>
- Email

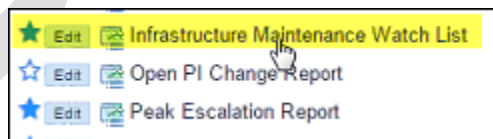
**Uses:** To add a Change Request to your approver's queue.

**Procedure:** To determine if you need to add a Change Request to the Watch List:

1. Run the daily report and perform daily CAB meetings.



2. Open a new event in the CTG Milestone Calendar.
3. Search for the Change Request in your emails. If it isn't, run the infrastructure Maintenance Watch List Report to see if the Change Request is on this report. If not, add it to the Watch list performing the steps below.



Perform the following steps if you can't find on the Watch List Report:

1. In Service Now, locate the Change Request.
2. In the Search box in Service Now, enter just the number of the Change Request associated to the Maintenance email.

50534

Incidents (1), Changes (1), Requests (1)

Tasks (3 matches) No matches for *Change Tasks, Problems, Catalog Tasks, Tickets*

Incidents - 1

| Number     | Affected user   | Short description   |
|------------|-----------------|---|
| INC0050534 | Deepak Gurejani | br3-f-w 1-qcy-re0_fxp0_0_dcnet.intuit.net_gr-4/1/0.3—CRITICAL ALARM ON INTERFAC |

Changes - 1

| Number     | Short description           | State       | Approval | Type   | Category | Configuration item                        | BUF                         |
|------------|-----------------------------|-------------|----------|--------|----------|---|-----------------------------|
| CHG0050534 | QDC-A SRX Firewall Upgrades | In Progress | Approved | Normal | Network  | A254036 - Juniper Networks Inc.Chassis S_ | Product Techno Group (Tech) |

Requests - 1 (Active = true)

| Number     | Requested for        | Opened by  |
|------------|----------------------|------------|
| REQ0050534 | Renee Hudson Johnson | Brian Nath |

3. Open the Change Request by clicking on its number.


Changes - 1


| Number     | Short description           | State       | Approval | Type   |
|------------|-----------------------------|-------------|----------|--------|
| CHG0050534 | QDC-A SRX Firewall Upgrades | In Progress | Approved | Normal |

4. Scroll down through the contents of the Change Request and open the Notes tab.

Schedule Planning **Notes**

Notes

Watch list Twyla Curl 

Additional comments (Customer Visible) 

5. Click the lock icon to add the Change Request to your Watch List.

6. Click Update to save your work.

7. Save the Maintenance email in an email folder for the week that the maintenance is scheduled.

- Infrastructure Maintenance
  - Week 10/13
  - Week 10/20
  - Week 10/27
  - Week 10/6
  - Week 11/10
  - Week 11/17
  - Week 11/24
  - Week 11/3
  - Week 12/1
  - Week 12/8



# Change Request Management – Using the Matrix Report

**Overview:** The Turbo Tax Enterprise Impact Analysis Map report contains a list of front and back end applications by product operations platforms, feature and function, and zone location.

**Responsibility:** • The Change Request Approver

**Applications Used:**

- ServiceNow - <https://intuit.service-now.com/>
- The Daily Change Request Report
- The Matrix Report

**Uses:** Use this matrix to determine the impact of any traffic moves, to figure out the best place to move traffic, and to locate potential conflicts.

|  |                          | TURBO TAX ENTERPRISE IMPACT ANALYSIS MAP - 1st GENERATION |  |        |   |   |                            |         |           |             |       |            |                              |      |     |            |        |            |             |        |      |     |        |       |                |                |  |  |  |  |  |  |  |  |  |  |
|--|--------------------------|---|--|--------|---|---|----------------------------|---------|-----------|-------------|-------|------------|------------------------------|------|-----|------------|--------|------------|-------------|--------|------|-----|--------|-------|----------------|----------------|--|--|--|--|--|--|--|--|--|--|
|  |                          | PRODUCT OPERATIONS PLATFORMS                              |  |        |   |   | PRODUCT FEATURE & FUNCTION |         |           |             |       |            | INFRASTRUCTURE CONFIGURATION |      |     |            |        |            |             |        |      |     |        |       |                |                |  |  |  |  |  |  |  |  |  |  |
|  |                          | Application or Service Platform or Maintenance Change     |  | Acronm | Traffic Move                                | Mechanism?  | Ask each time?             | Purpose | Ownership | Environment | Elig? | SHOP       | LOGIN                        | PREP | PAY | PRINT&FILE | HELP   | Mode       | Data Center |        |      |     |        |       |                |                |  |  |  |  |  |  |  |  |  |  |
|  |                          | IMPACTS   |  |        |   |   |                            |         |           |             |       | Data Stere | Cutover Time                 | Web  | App | Zone A     | Zone B | Zone C     | Zone D      | Zone E | LVDC | AWS | Austin | Piano | Rocky Mountain | Woodland Hills |  |  |  |  |  |  |  |  |  |  |
| FRONT<br>END                                       | TT.com                   |   |  |        |   | Primary on-line access point for Intuit Turbo Tax product             | Native                     |         |           |             |       | *          | *                            |      |     |            |        | CFP        | 10 min      | A/A    | A/A  |     |        | *     | *              | *              |  |  |  |  |  |  |  |  |  |  |
|  | MyTT                     | MYTT  |  |        |   | Provides customer with ability to manage their account, view purchase | Native                     |         |           |             |       |            | *                            |      |     |            |        | CFP        | 10 min      | A/A    | A/A  |     | *      |       | *              |                |  |  |  |  |  |  |  |  |  |  |
|  | Turbo Tax Online         | TTO   |  |        |   | Turbo Tax for online users  | Native                     |         |           |             |       |            | *                            |      |     |            |        | TTO/Orad   | 2 - 4 hrs   | A/A    | A/A  |     | *      |       | *              |                |  |  |  |  |  |  |  |  |  |  |
|  | Desktop - Win            | Win   |  |        |   | Turbo Tax for desktop users   | Native                     |         |           |             |       |            | *                            |      |     |            |        |            |             |        |      |     |        | *     |                |                |  |  |  |  |  |  |  |  |  |  |
|  | Desktop - Mac            | Mac   |  |        |   | Turbo Tax for Mac Users   | Native                     |         |           |             |       |            | *                            |      |     |            |        |            |             |        |      |     |        | *     |                |                |  |  |  |  |  |  |  |  |  |  |
|  | Snaptax                  |   |  |        |   | Allows users to import W2   | Native                     |         |           |             |       |            | *                            |      |     |            |        | CFP        |             | A/A    | A/A  | *   |        |       | *              |                |  |  |  |  |  |  |  |  |  |  |
|  | Taxcaster                |   |  |        |   |   | Native                     |         |           |             |       |            |                              |      |     |            |        |            |             |        |      |     |        | *     |                |                |  |  |  |  |  |  |  |  |  |  |
|  | Mobile - iPhone          |   |  |        |   | Turbo Tax for iPhone  | Native                     |         |           |             |       |            | *                            |      |     |            |        |            |             |        |      |     |        | *     |                |                |  |  |  |  |  |  |  |  |  |  |
|  | Mobile - Android         |   |  |        |   | Turbo Tax for Android   | Native                     |         |           |             |       |            | *                            |      |     |            |        |            |             |        |      |     |        | *     |                |                |  |  |  |  |  |  |  |  |  |  |
|  | NSF/TaxPrep              | NSF   |  |        |   | Turbo Tax for simple filers   | Native                     |         |           |             |       |            | *                            |      |     |            |        | CFP        |             | A/A    | A/A  |     | *      |       | *              |                |  |  |  |  |  |  |  |  |  |  |
|  | Contact Us               |   |  |        |   | Turbo Tax customer inquiry  | Native                     |         |           |             |       |            |                              |      |     |            |        |            |             |        |      |     |        | *     |                |                |  |  |  |  |  |  |  |  |  |  |
|  | Answer Exchange          |   |  |        |   | Turbo Tax customer Q&A  | Native                     |         |           |             |       |            |                              |      |     |            |        |            |             |        |      |     |        | *     |                |                |  |  |  |  |  |  |  |  |  |  |
|  | Support                  |   |  |        |   |   | Native                     |         |           |             |       |            |                              |      |     |            |        |            |             |        |      |     |        | *     |                |                |  |  |  |  |  |  |  |  |  |  |
|  | IDO                      |   |  |        |   |   | Native                     |         |           |             |       |            |                              |      |     |            |        |            |             |        |      |     |        | *     |                |                |  |  |  |  |  |  |  |  |  |  |
|  | Free File Fillable Forms | FFFF/Quad   |  |        |   | IRS free tax filing solution for EZ filers                            | Native                     |         |           |             |       |            |                              |      |     |            |        |            | CFP         |        | A/A  | A/A |        | *     |                | *              |  |  |  |  |  |  |  |  |  |  |
| Pricing  |                          |   |  |        |   | Native  |                            | EBS     |           |             |       |            |                              |      |     |            |        | Orad       |             | A/A    |      | *   |        | *     |                |                |  |  |  |  |  |  |  |  |  |  |
| Electronic File Exchange - CTG                     | EFE                      |   |  |        | TT individual agency tax filing submission  | Native  |                            |         |           |             |       | *          |                              |      |     |            |        | Orad e/CFP | 10 min      |        |      |     |        |       |                |                |  |  |  |  |  |  |  |  |  |  |
| Electronic File Exchange - Intuit Payroll Division | EFE                      |   |  |        |   | Native  |                            |         |           |             |       | *          |                              |      |     |            |        | Orad e/CFP | 10 min      |        |      |     |        |       |                |                |  |  |  |  |  |  |  |  |  |  |
| Electronic File Exchange - PTG                     | EFE                      |   |  |        | Small Business agency tax filing submission | Native  |                            |         |           |             |       | *          |                              |      |     |            |        | Orad e/CFP | 10 min      | A/A    | A/A  |     |        |       |                |                |  |  |  |  |  |  |  |  |  |  |
| File Conversion Service                            | FCS                      |   |  |        | Converts data to forms, or forms to data    | Native  |                            |         |           |             |       | *          |                              |      |     |            | CFP    | 10 min     | A/A         | A/A    | *    | *   |        | *     | *              |                |  |  |  |  |  |  |  |  |  |  |
| File Print Service                                 | FPS                      |   |  |        | Enables form and tax filing pring           | Native  |                            |         |           |             |       | *          |                              |      |     |            | CFP    | 10 min     | A/A         | A/A    | *    | *   |        | *     | *              |                |  |  |  |  |  |  |  |  |  |  |
| Order Gateway & Service                            | EDS                      |   |  |        |   | Native  |                            |         |           |             |       |            |                              |      |     |            |        |            |             |        |      |     | *      | *     |                |                |  |  |  |  |  |  |  |  |  |  |
| BACK<br>END  | Akamai                   |   |  |        |   | Forms availability and product download hosting                       | 3rd Party                  |         |           |             |       | *          | *                            |      |     |            |        |            |             |        |      |     |        |       |                |                |  |  |  |  |  |  |  |  |  |  |
|  | Amazon                   | AWS   |  |        |   | Product and internal app cloud hosting                                | 3rd Party                  |         |           |             |       | *          | *                            | *    | *   |            |        |            |             |        |      |     |        |       |                |                |  |  |  |  |  |  |  |  |  |  |

**Procedure:**

1. Open the Daily Change Request Report.
2. When you see a requested traffic move, open the Matrix report.
3. Look at the columns that show where the traffic is located and the requested move location.

|  |                          | QDC       |        |        |        |        | LVDC | AWS | Austin | Piano | Rocky Mountain | Woodland Hills |
|--|--------------------------|-----------|--------|--------|--------|--------|------|-----|--------|-------|----------------|----------------|
|  |                          | Zone A    | Zone B | Zone C | Zone D | Zone E |      |     |        |       |                |                |
| <b>Apps</b>  | TT.com                   |           |        |        |        |        |      |     |        |       |                |                |
|  | MyTT                     | MYTT      |        |        | *      | *      | *    |     |        |       |                |                |
|  | Turbo Tax Online         | TTO       |        |        | *      | *      | *    |     |        |       |                |                |
|  | Desktop - Win            | Win       |        | *      |        | *      | *    |     |        |       |                |                |
|  | Desktop - Mac            | Mac       |        |        |        | *      | *    |     |        |       |                |                |
|  | Snaptax                  |           |        |        |        | *      | *    |     |        |       |                |                |
|  | Taxcaster                |           |        |        |        | *      | *    |     |        |       |                |                |
|  | Mobile - iPhone          |           | *      |        |        | *      | *    |     |        |       |                |                |
|  | Mobile - Android         |           |        |        |        | *      | *    |     |        |       |                |                |
|  | NSF/TaxPrep              | NSF       |        |        |        | *      | *    |     |        |       |                |                |
|  | Contact Us               |           |        |        |        | *      | *    |     |        |       |                |                |
|  | Answer Exchange          |           |        |        | *      | *      | *    |     |        |       |                |                |
|  | Support                  |           |        |        |        | *      | *    |     |        |       |                |                |
|  | IDO                      |           |        |        |        | *      | *    |     |        |       |                |                |
|  | Free File Fillable Forms | FFFF/Quad |        |        |        | *      | *    |     |        |       |                |                |
| Pricing  |                          |           |        |        | *      | *      |      |     |        |       |                |                |
|  | ERPSI                    |           |        |        | *      | *      |      |     |        |       |                |                |
|  |                          | *         |        |        | *      | *      |      |     |        |       |                |                |
| Electronic File Exchange - CTG                     | EFE                      |           |        |        | *      | *      |      |     |        |       |                |                |
| Electronic File Exchange - Intuit Payroll Division | EFE                      |           |        |        | *      | *      |      |     |        |       |                |                |
| Electronic File Exchange - PTG                     | EFE                      |           |        |        | *      | *      |      |     |        |       |                |                |
| File Conversion Service                            | FCS                      |           |        |        | *      | *      |      |     |        |       |                |                |
| File Print Service                                 | FPS                      | *         |        | *      | *      | *      | *    | *   |        |       |                |                |

5. In this example, the Change Request asks to move traffic from QDC to LVDC. Compare the two zones and note the potential conflicts in the hosting segment column. In this instance, there is an expected complete network outage so the request isn't approved as requested.

| Traffic Move                                | Number     | Short description  | Configuration item                             | Hosting segment                         |
|---|------------|--|--|---|
| Move traffic from QDC to LVDC – Rescheduled | CHG0050534 | QDC-A JUNOS SRX Firewall Code Upgrades All applications in QDC Zone A will experience TWO periods of COMPLETE NETWORK OUTAGE when failing over firewall nodes, for each pair, during the upgrade procedure. DURING IMPACT ALL TCP STATE WILL BE LOST. All applications that do not attempt TCP reconnects will have to be restarted. | A254036 - Juniper Networks Inc Chassis SRX5800 | QDC-A (EFE, Snaptax, Pricing, FCS, FPS) |

6. Because of the conflicts with EFE, SnapTax, Pricing, FCS, and FPS, the request is not approved. Ultimately this request was cancelled due to the conflict. Moving to traffic to Zone C might be a better option.
7. Note what the recommended resolution is in the Traffic Move field.
8. Save the report and continue reviewing traffic moves.

DRAFT