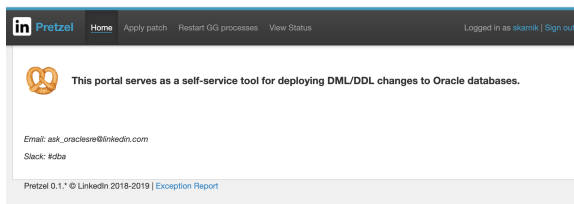


Pretzel (Self-service Oradb)

Pretzel is a portal for deploying schema changes to LinkedIn's remote Oracle databases.



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Steps to apply a patch:

- Create a DATAOPS ticket with a link to the RB in it.
- Login with LDAP username and password+VIP.
- Make sure you reach out to #dba to add your LDAP username/group as an owner for the required schema.
- Go to the 'Apply patch' tab and fill in patch details.

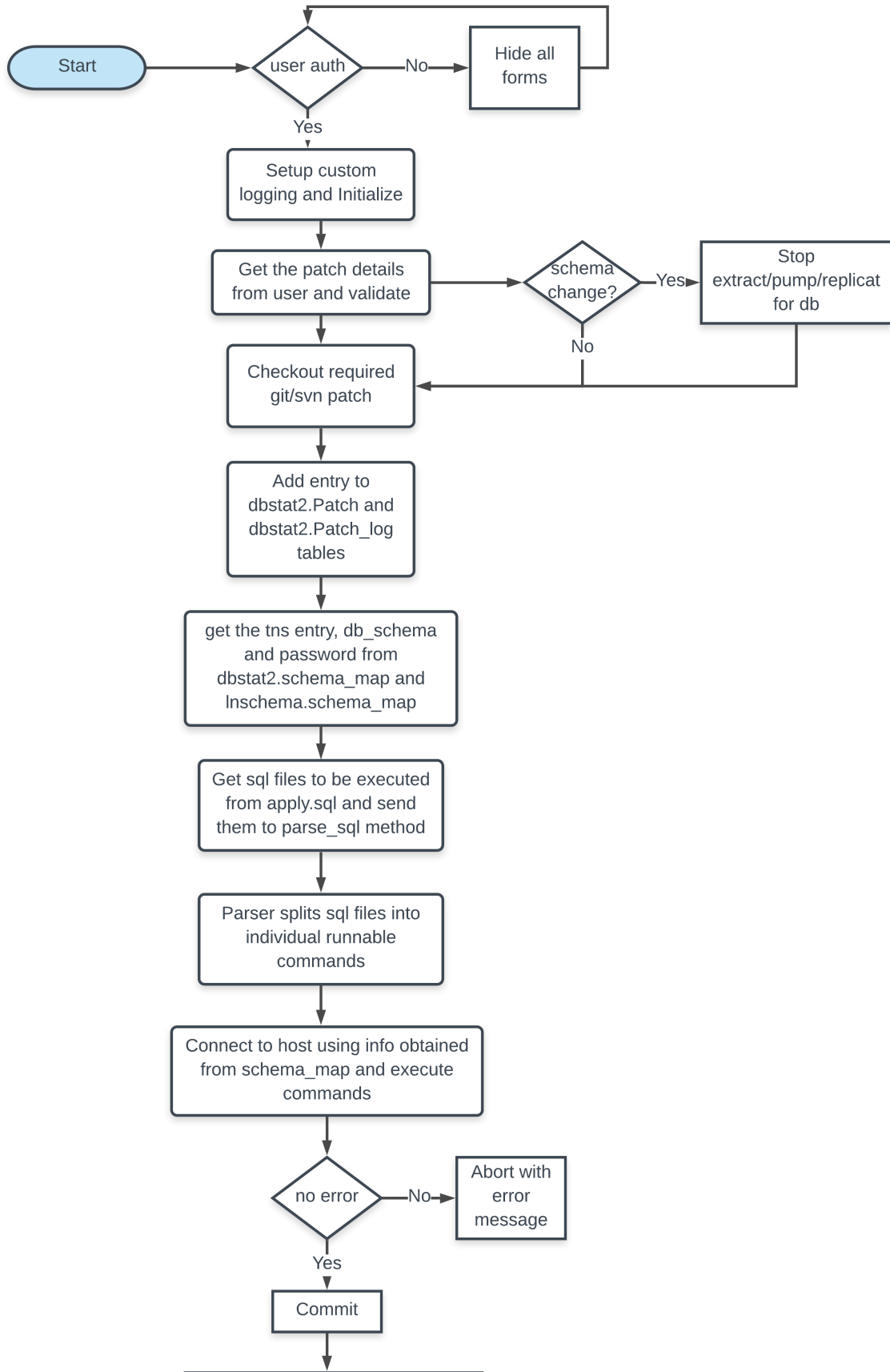
The screenshot shows the 'Apply patch' form in the Pretzel portal. At the top, there's a green banner with instructions: 'Use this form to apply db patches. Check the 'Restart extract and pump gg processes' checkbox only if it is a schema change.' Below this, the form is titled 'Fill in patch details'. It contains several input fields: 'Review Board Number' (with example 'eg. 2057283'), 'Repository URL (ssh://)' (with example 'ssh://'), 'Fabric' (dropdown menu with 'el-ica1' selected), 'Schema' (dropdown menu with 'slink' selected), 'Patch number' (with example 'eg. p001'), 'How is this patch requested? (DataOps ID)' (with example 'eg. dataops-XXXXX'), and 'SQL file name' (with example 'apply.sql'). At the bottom, there's a 'Repo type' section with radio buttons for 'svn' and 'git' (which is selected). A 'Submit' button is at the very bottom.

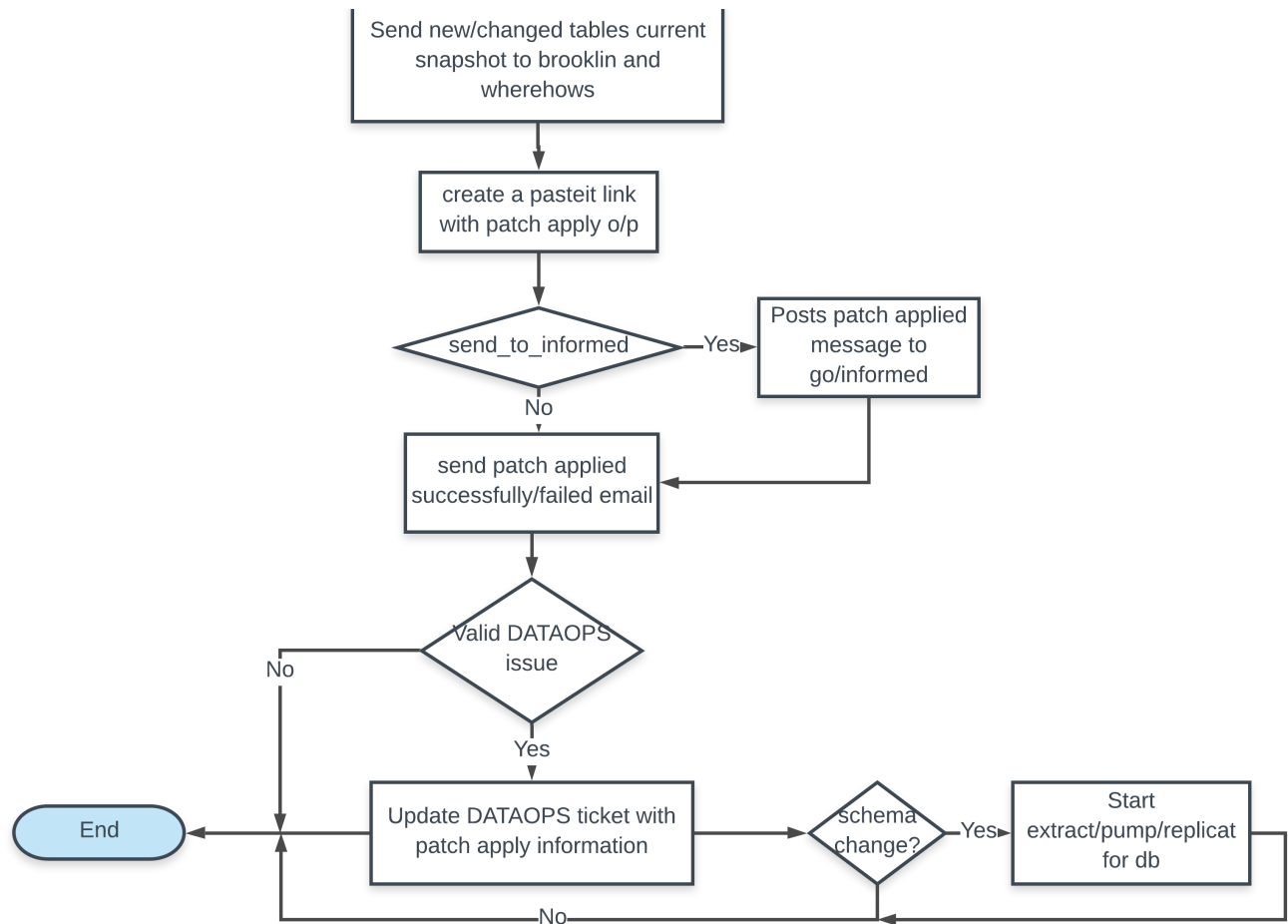
- If it is a schema change (eg. add column, create table etc.) check the 'Restart GG processes' checkbox (Only applicable for PROD env)
- Submit the form and wait until you get a "patch applied/failed" message with a paste-it link with logs. Jira API will comment status on the given DATAOPS ticket.

Note:

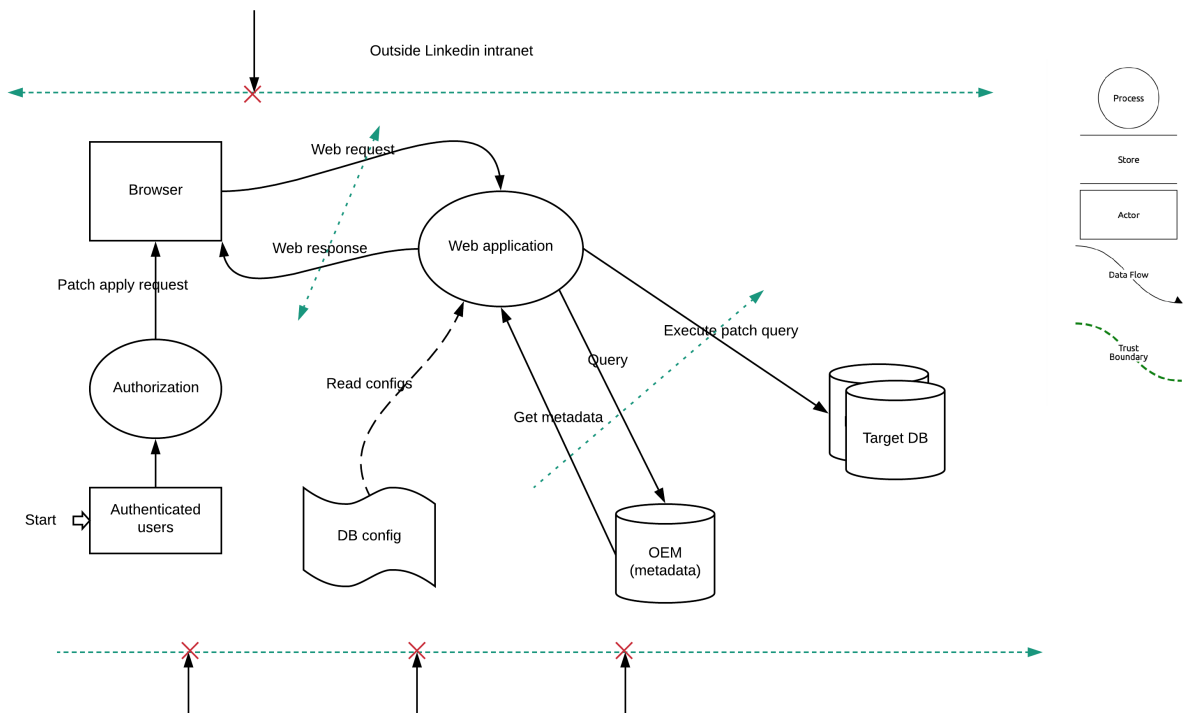
- The review board number you enter must have only 1 patch in its entirety pushed to it.
- Give the ssh link to the repository trunk (file paths in RB must be relative to this link)
- For any issues encountered, reach out to #dba.

Pretzel Workflow





Security Boundary Diagram



Web-app: <https://pretzel.stg.linkedin.com>
<https://pretzel.prod.linkedin.com>


RFC: RFC Google doc

CRT: <https://crt.prod.linkedin.com/#!/deployment/actions?pathName=self-service-oradb&productName=self-service-oradb>


Repository: <https://git.corp.linkedin.com:1367/plugins/gitiles/multiproducts/self-service-oradb>


Presentation: https://docs.google.com/presentation/d/14by1_a3pP1vv05vT8l-Z5Sce4m1AGlk4Q4NC0nABg5Q/edit?usp=sharing


Weekly report: go/skarnik


 **TOOLS-261505** - Host key verification failed (Need to setup ssh keys on remote host) **CLOSED**


 **TRAFFIC-13683** - pretzel.stg.linkedin.com **CLOSED**


 **CMPS-72290** - SSL Request for pretzel.stg.linkedin.com **CLOSED**

 **LPSSRE-5010** - Rain allowlist request for self-service-oradb **CLOSED**

 **HSEC-25372** - Security Review for new MP: self-service-oradb **RESOLVED**

 **CMPS-65375** - Rain whitelist request for 'self-service-oradb' **CLOSED**

 **HSEC-25613** - Approval to create service account for MP: self-service-oradb (EI) **RESOLVED**

 **TRAFFIC-13772** - pretzel.prod.linkedin.com **WITH TRAFFIC TEAM**