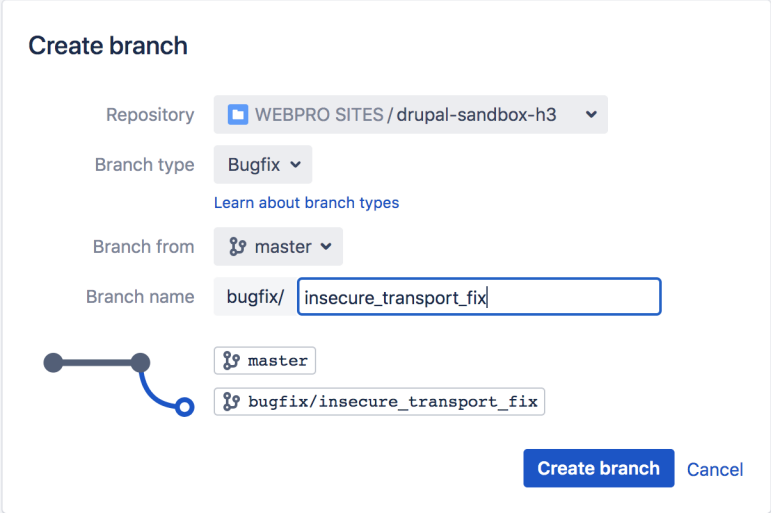


Fix Insecure Transport - No HTTPS Redirection vulnerability

This guide will give a step by step solution to fix the Insecure Transport vulnerability on lagoonized sites.

1. Create a branch from master branch

First we need to create a new branch from master where we will apply our changes:



Create branch

Repository

Branch type [Learn about branch types](#)

Branch from

Branch name

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Generated by 147b1bff-022d-457f-ada2-3078a778e7cb. Cluster contains one node.

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2. Apply the fix

Clone the site repository, checkout to the created fix branch and edit the `lagoon.yml` file by adding the `routes` directive after the `tasks` directive.

The code to add is the following:

```
routes:
  insecure: Redirect
```

Remember that YAML files are very sensitive to tabulation so please place the `routes` directive in the same level of the `tasks` directive. Like this:

lagoon.yml

```
#
# This file is autogenerated by Laragoon
#

docker-compose-yaml: docker-compose.yml

project: drupal-sandbox-h3

tasks:
  post-rollout:
    - run:
        name: Prepare Storage
        command: mkdir -p /app/storage/framework/sessions /app/storage/framework/views /app/storage/framework/cache /app/storage/framework/cache/data
        service: cli
    - run:
        name: Run migrations
        command: php artisan -n migrate --force
        service: cli
    - run:
        name: Clear Caches
        command: php artisan -n cache:clear && php artisan -n route:clear && php artisan -n view:cache
        service: cli

routes:
  insecure: Redirect

environments:
  master:
    cronjobs:
      - name: artisan schedule
        schedule: "* * * * *"
        command: cd /app && php artisan schedule:run
        service: cli

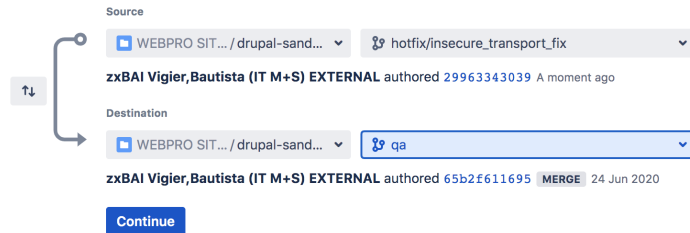
container-registries:
  bi-harbor:
    username: robot$puller
    password: eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCJ9.eyJleHAiOjE2NjY0NTQ5MjMsImhhdCI6MTU4MDE0MTMyMywiaXNzIjoiaGFyYm9yLXRva2VuLWlzc3VlciIsImlkIjoxMCwicGlkIjozNCwiYWVjZXRzIjpbeyJSZXNvdXJjZSI6Ii9wcm9qZWNOZm0L3JlcG9zaXRvcnkiLCJB3Rpb24iOiJwdWxsIiwirWZmZWNOIjoiiInlndfQ.195ImjoYjqUHasjvFQJO7MZsNLT0J20u6qWlVAabc1QNv_wXvhpb_lT_K-GfEGrSlEzrpv4XxMD3Z8r-B14VetP5ew22ve2pQJlG4FDKFh...
    url: harbor-nginx-lagoon.lagoon.bi.amazee.io
```

3. Push and create the Pull Request

Once the fix is pushed to hotfix branch create a Pull Request to Master, Qa and Develop branches. This is important so that every environment branch will have this fix applied and won't be lost on future merges.

Create pull request

Collaborate on code by choosing teammates to review your changes to a branch.



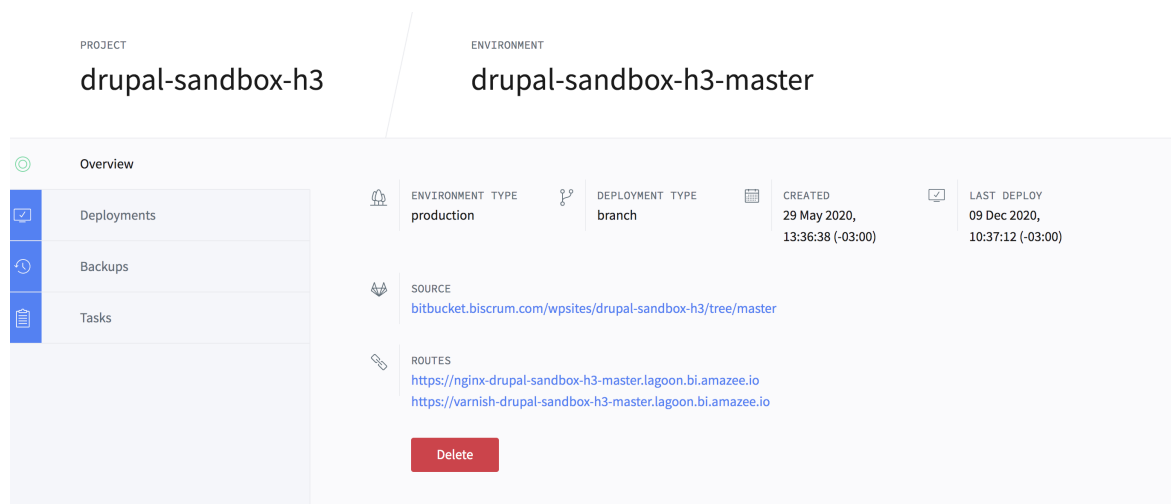
The interface shows a pull request being created. On the left, a diagram illustrates the relationship between the source and destination branches. The 'Source' section is configured with the repository 'WEBPRO SIT... / drupal-sand...' and the branch 'hotfix/insecure_transport_fix'. The author is 'zxBAI Vigier,Bautista (IT M+S) EXTERNAL' with commit hash '29963343039', noted as 'A moment ago'. The 'Destination' section is configured with the same repository and the 'qa' branch. The author for the destination is 'zxBAI Vigier,Bautista (IT M+S) EXTERNAL' with commit hash '65b2f611695', noted as 'MERGE 24 Jun 2020'. A blue 'Continue' button is located at the bottom.

Diff Commits

Author	Commit	Message	Commit date
 zxBAI Vigier,Bautista (IT...	29963343039	Fix insecure transport	A moment ago

4. Test the redirection

Once the Pull Request is approved and merged by a WebPro team member you can test the redirection by accessing any url of the lagoon project by http protocol. It should redirect to the same url with https protocol.



The screenshot shows the Lagoon project overview for 'drupal-sandbox-h3' and its environment 'drupal-sandbox-h3-master'. The left sidebar contains links for Overview, Deployments, Backups, and Tasks. The main content area displays deployment details:

ENVIRONMENT	TYPE	DEPLOYMENT	TYPE	CREATED	LAST DEPLOY
production	branch			29 May 2020, 13:36:38 (-03:00)	09 Dec 2020, 10:37:12 (-03:00)

Below the table, the 'SOURCE' is listed as bitbucket.biscrum.com/wpsites/drupal-sandbox-h3/tree/master. The 'ROUTES' section lists two URLs: <https://nginx-drupal-sandbox-h3-master.lagoon.bi.amazee.io> and <https://varnish-drupal-sandbox-h3-master.lagoon.bi.amazee.io>. A red 'Delete' button is located at the bottom of the routes section.

Use any of the routes listed and change https to http so you can test them.