

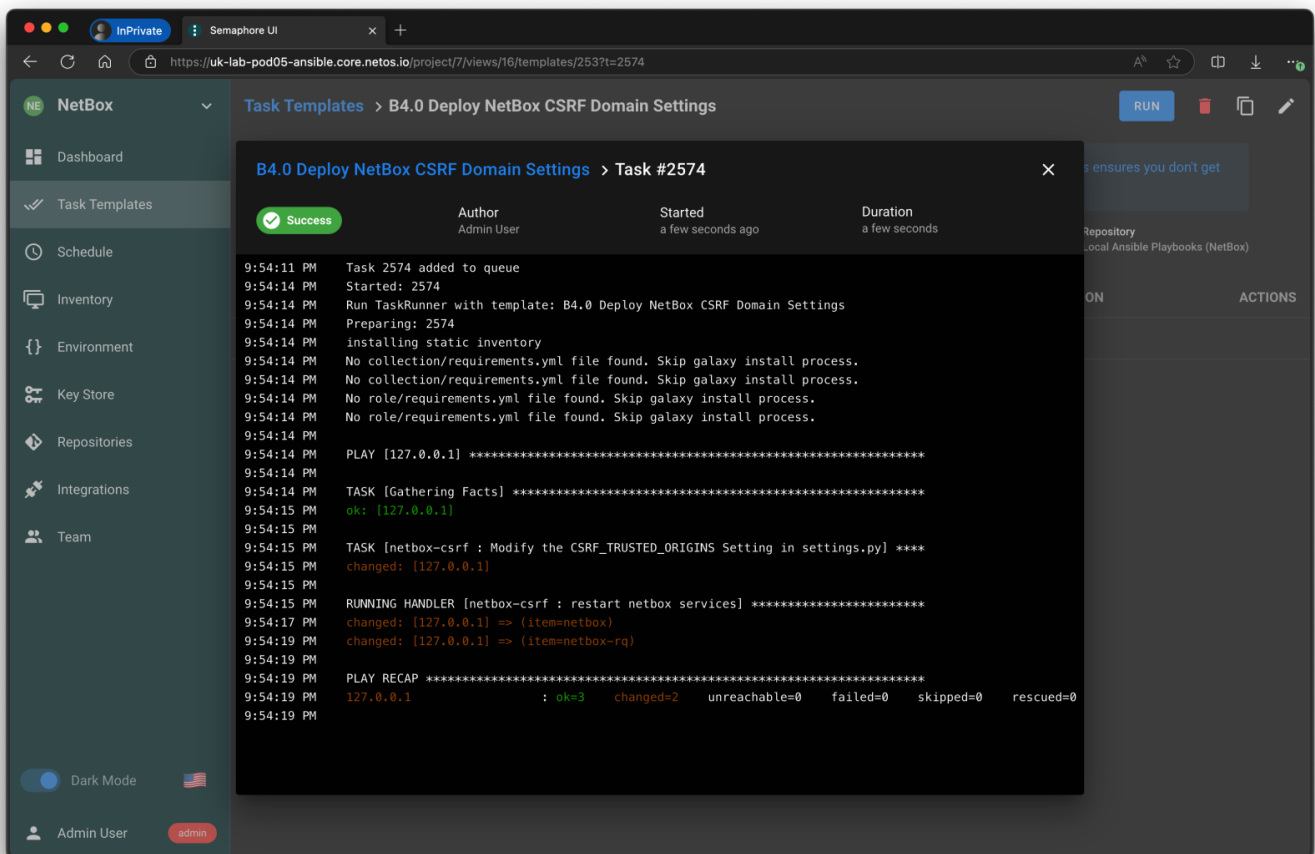
# NetBox CSRF Settings

## Introduction

This playbook `netbox-csrf` will add your domains in the following format to the NetBox `settings.py` file based on the `DOMAIN` variable in Semaphore.

- `http://*.yourdomain.com`
- `https://*.yourdomain.com`
- `http://yourdomain.com`
- `https://yourdomain.com`

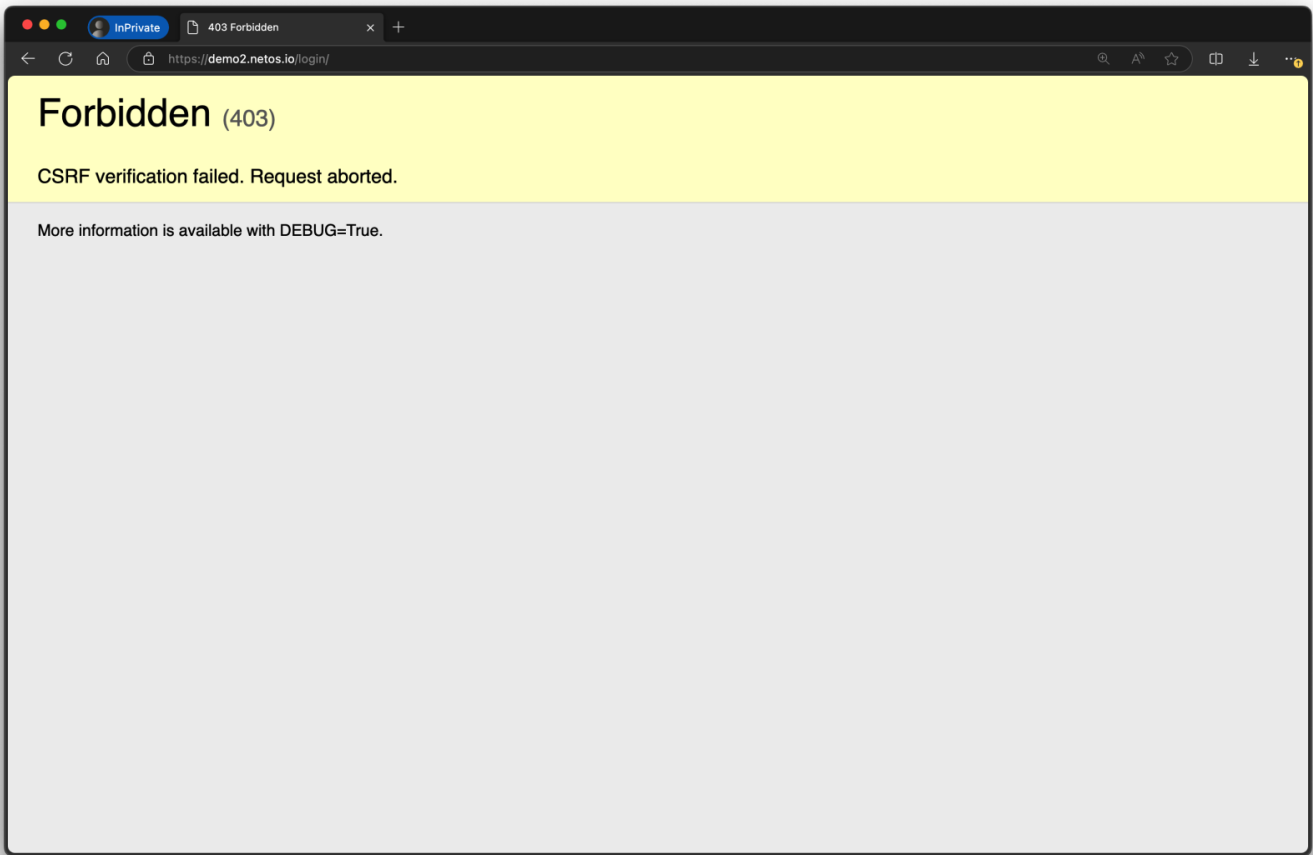
When you run the playbook, it will look like this:



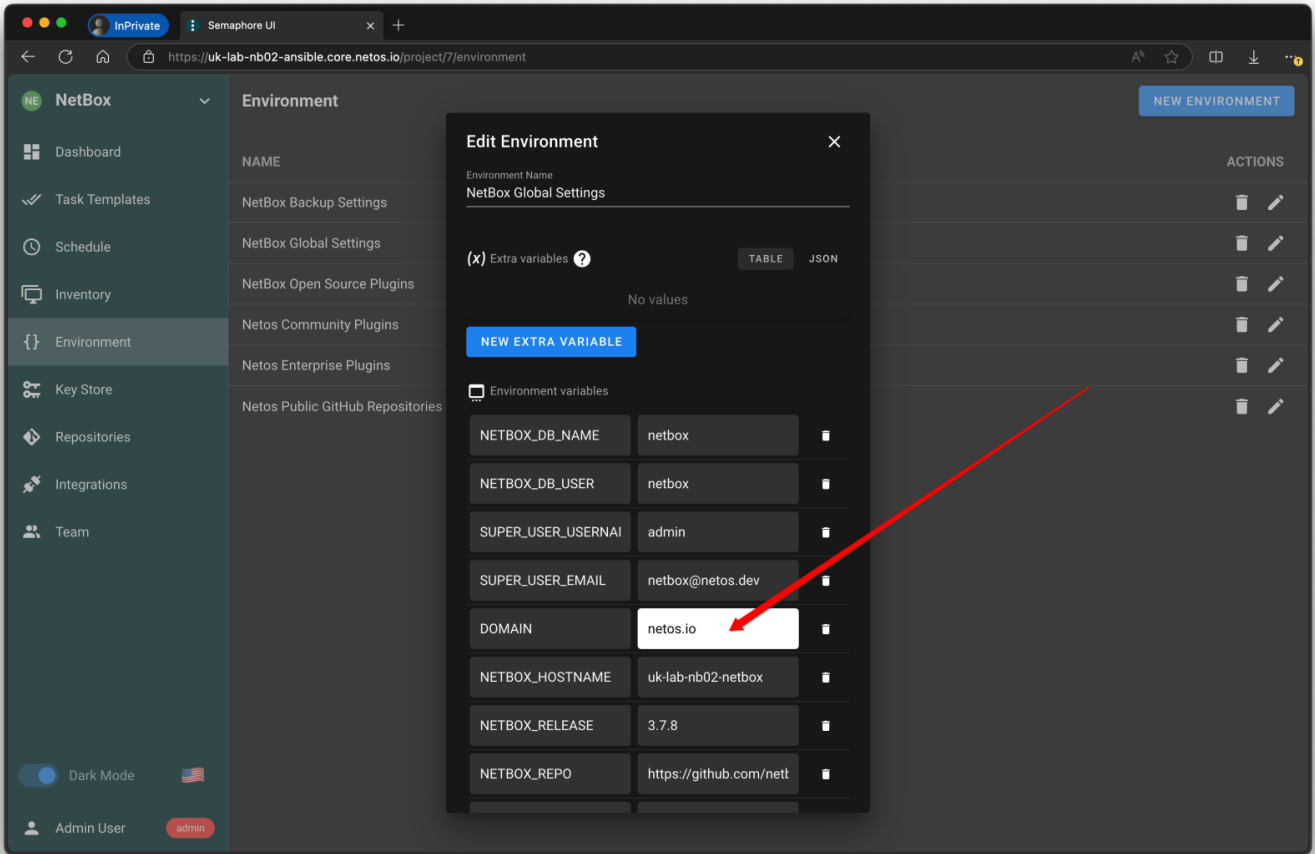
```
Task Templates > B4.0 Deploy NetBox CSRF Domain Settings
B4.0 Deploy NetBox CSRF Domain Settings > Task #2574
Success Author Admin User Started a few seconds ago Duration a few seconds
9:54:11 PM Task 2574 added to queue
9:54:14 PM Started: 2574
9:54:14 PM Run TaskRunner with template: B4.0 Deploy NetBox CSRF Domain Settings
9:54:14 PM Preparing: 2574
9:54:14 PM installing static inventory
9:54:14 PM No collection/requirements.yml file found. Skip galaxy install process.
9:54:14 PM No collection/requirements.yml file found. Skip galaxy install process.
9:54:14 PM No role/requirements.yml file found. Skip galaxy install process.
9:54:14 PM No role/requirements.yml file found. Skip galaxy install process.
9:54:14 PM PLAY [127.0.0.1] *****
9:54:14 PM TASK [Gathering Facts] *****
9:54:15 PM ok: [127.0.0.1]
9:54:15 PM TASK [netbox-csrf : Modify the CSRF_TRUSTED_ORIGINS Setting in settings.py] ****
9:54:15 PM changed: [127.0.0.1]
9:54:15 PM RUNNING HANDLER [netbox-csrf : restart netbox services] *****
9:54:17 PM changed: [127.0.0.1] => (item=netbox)
9:54:19 PM changed: [127.0.0.1] => (item=netbox-rq)
9:54:19 PM PLAY RECAP *****
9:54:19 PM 127.0.0.1 ok=3 changed=2 unreachable=0 failed=0 skipped=0 rescued=0
```

## Use Case

If your server name is `uk-lab-nb01.core.netos.io`, and you configured a DNS CNAME to give it a more friendly name like `demo2.netos.io` via a reverse proxy, then you would see this error and won't be able to login:



To fix this, change the domain to in the NetBox Global Settings:



Which will create a `settings.py` file entry like this and fix the error:

```
CSRF_TRUSTED_ORIGINS = getattr(configuration, 'CSRF_TRUSTED_ORIGINS', ['http://netos.io',  
'https://netos.io', 'http://*.netos.io', 'https://*.netos.io'])
```

Created 2024-09-22 20:53:46 UTC by Richard Foster

Updated 2024-10-09 14:01:31 UTC by Richard Foster