WordPress on OpenShift v1.0

Sung Lee | November 9, 2022

ConfigMaps

Secrets

Volume

deploy

pod pod pod

svc

ConfigMaps

Secrets

deploy

pod pod pod

svc

Volume

ConfigMaps

Secrets

deploy

pod pod pod

svc

Users

80/443

cuny.edu
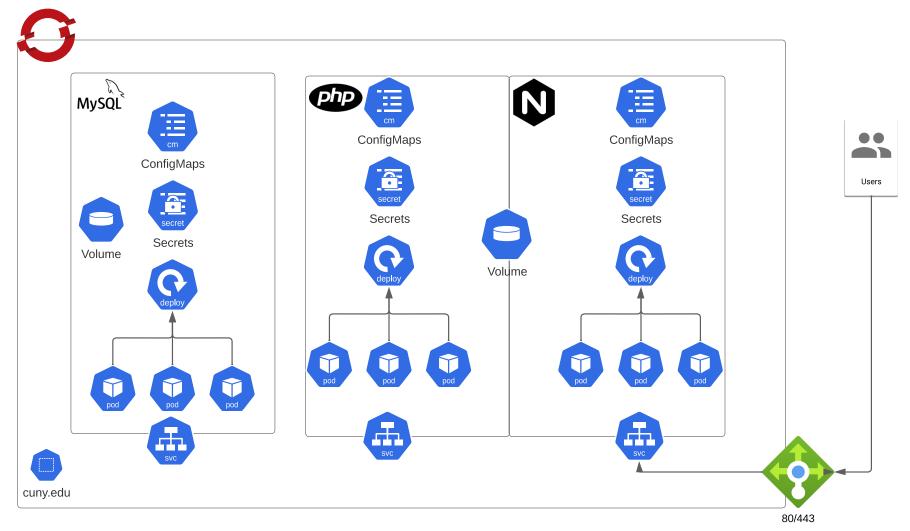
- Each application would be a service within a particular namespace.
- The services are MySQL/MariaDB as a database, php/php-fpm as the scripting engine, and Nginx (or Apache) as a webserver.
- Within the namespace, the services would be able to reach each other by only specific ports that would be opened. For example, MySQL would have 3306 only within the namespace and Nginx would have 80/443.
- An external user accessing would only be able to reach by an OpenShift route if it is configured.