

Exercise 5.5: Domain Review



Very Important

The source pages and content in this review could change at any time. **IT IS YOUR RESPONSIBILITY TO CHECK THE CURRENT INFORMATION.**

Revisit the CKAD domain list on [Curriculum Overview](#) and locate some of the topics we have covered in this chapter. The graphic shows bullet points covered in this chapter.

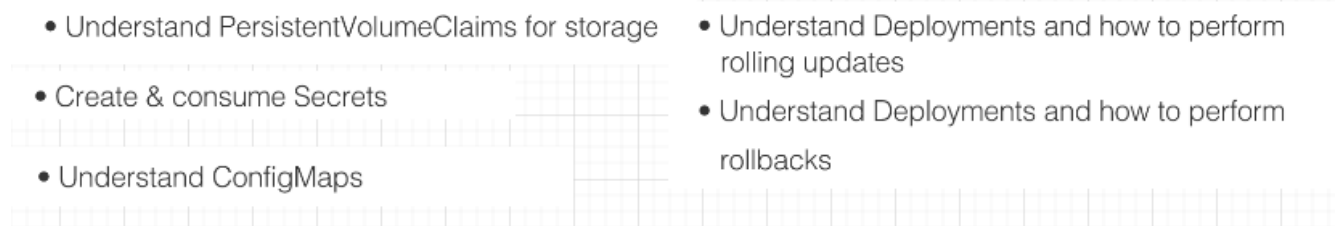


Figure 5.2: Deployment Related Domain Topics

Focus on ensuing you have all the necessary files and processes understood first. Repeat the review until you are sure you have bookmarks of necessary YAML samples and can complete each step quickly, and ensure each object is running properly.

Using only the allowed browser, URLs, and subdomains search for and bookmark a YAML example to create and configure the resources called for in this review.

1. Create a new secret called `specialofday` using the key `entree` and the value `meatloaf`.
2. Create a new deployment called `foodie` running the `nginx` image.
3. Add the `specialofday` secret to pod mounted as a volume under the `/food/` directory.
4. Execute a bash shell inside a `foodie` pod and verify the secret has been properly mounted.
5. Update the deployment to use the `nginx:1.12.1-alpine` image and verify the new image is in use.
6. Roll back the deployment and verify the typical, current stable version of `nginx` is in use again.
7. Create a new 200M NFS volume called `reviewvol` using the NFS server configured earlier in the lab.
8. Create a new PVC called `reviewpvc` which will uses the `reviewvol` volume.
9. Edit the deployment to use the PVC and mount the volume under `/newvol`
10. Execute a bash shell into the `nginx` container and verify the volume has been mounted.
11. Delete any resources created during this review.