

Nano Project: Deploy Catalogue and Carts Applications with Ansible

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As a devops engineer, you have been tasked to write the deployment specs for **carts** and **catalogue** apps.

Majority of the ansible code is already written, you just have to fill in the deployment tasks.

Catalogue Application

Following are the task specs you need to complete in file `roles/catalogue/tasks/deploy.yml`

- task1 : copy over compiled binary for catalogue app and deploy
 - module: `get_url`
 - source url: defined with var **catalogue.bin**
 - destination path to copy the binary : `/opt/catalogue`
 - file permissions for the destination file: `0755`
 - this task should notify service restart handler for catalogue
- task2 : copy supervisor script using a template provided as part of the role
 - module: `template` .
 - source template: `catalogue.supervisor.conf.j2`
 - destination path to copy the supervisor config : `/etc/supervisor/conf.d/catalogue.conf`
 - file permissions for the destination file: `0755`
 - this task should notify service restart handler for supervisor
- task3 : start catalogue service with supervisorctl
 - module: `supervisorctl`
 - service name : `catalogue`
 - state : `started`

Carts Application

Following are the task specs you need to complete in file `roles/carts/tasks/deploy.yml`

- task1 : create a directory to copy the jarfile to
 - module: `file`
 - path to create directory: `/opt/apps/carts`
 - recursively create path: `yes`
 - permissions for the directory: `0755`
- task2 : copy over compiled jar file from jenkins url
 - module: `get_url`
 - source url: defined with var `carts.artifact`. Override this var as per your jenkins URL in `group_vars`
 - destination path to copy the jar to: `/opt/apps/carts/carts.jar`
 - file permissions for the destination file: `0755`
 - this task should notify service restart handler for carts
- task3 : copy supervisord script using a template provided as part of the role
 - module: `copy` .
 - source file: `carts.supervisor.conf`
 - destination path to copy the supervisor config: `/etc/supervisor/conf.d/carts.conf`
 - file permissions for the destination file: `0755`
 - this task should notify service restart handler for supervisor
- task4 : start catalogue service with `supervisorctl`
 - module: `supervisorctl`
 - service name : `carts`
 - state : `started`

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