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While the Test Drive is designed to be an experience that is linear in nature, it is possible to skip modules. Skipping modules requires that you perform certain automation tasks that will actually "do" the exercise for you.

For example, if you wanted to skip user and group configuration, later labs still rely on this being completed, so you must still make sure the steps have been executed.

We provide automation of each module using Ansible playbooks that are located in the `/opt/lab/code/tests` folder.

Module	Playbook
2. Installation and Verification	installation_automation.yaml
3. Deploying Container-Native Storage	cns-deploy_automation.yaml
4. Application Management Basics	app-mgmt-basics_automation.yaml

9. Skipping modules

Module	Playbook
5. Project Request Template, Quotas, Limits	template-quota-limits_automation.yaml
6. Using External Authentication Providers (LDAP)	ldap-groupsynchronization_automation.yaml
7. Infrastructure Management Basics	infra-mgmt_automation.yaml
8. Container-native Storage Management	cns-management_automation.yaml

Table 1. The Automation Playbooks

Executing the skip module playbooks is trivial. They are self-contained Ansible playbooks that are run from the `/opt/lab/code/tests` directory.

There is a constraint that if you want to skip across multiple modules, **you need to skip all preceding modules in order**. For example, if you wanted to skip to Module 5 (that is skipping module 2-4), you would need to run the following:

```
cd /opt/lab/code/tests/  
ansible-playbook installation_automation.yaml  
ansible-playbook cns-deploy_automation.yaml  
ansible-playbook app-mgmt-basics_automation.yaml
```



Do not run playbooks without following above constraint of running them in order.



Do not run the `installation_automation.yaml` or `cns-deploy_automation.yaml` twice. It's not quite idempotent yet.



You will also notice some playbooks called `*_verify.yaml`. These verification playbooks are used as a part of our test-driven development methodology for the Test Drive. You will not need to use it, although examining it may provide some insight into how we evaluate whether or not things are still working after updates and upgrades.

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