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DevOps Technical Workshop							
Course Prerequisites	Course Introduction	Lab 1 - DevOps for Basic Environment Provisioning	Lab 2 - DevOps for Scaling Environment Provisioning	Lab 3 - DevOps for Automated Functional Testing	Lab 4 - DevOps for Automated Non-Functional Testing	Lab 5 - DevOps for Automated UI Testing	Lab 6 - DevOps for Continuous Monitoring - Building Information Radiators

Extension Tasks (These tasks are optional for this course.)

Create a Build Pipeline

Link the Continuous-Integration and System-Integration jobs together by building one and feeding it into the next one. Using the Jenkins Parameterized Trigger plugin, you can trigger downstream jobs with a parameter such as a git tag.

Create a UAT environment

Follow step 2 with the following configuration in the params.pp:

```
$LIBERTY_TARGET = "/home/devops/uat/Liberty"
$SERVER_NAME = "uatdevopsworklight"
$defaultHttpPort = "3080"
$defaultHttpsPort = "3443"
$CONTEXT_ROOT = "/uatdevopsworklight"
```

In step A, call the Jenkins job 'User-Acceptance-Test'.

In the Execute Shell build step, ensure that you export the correct environment:

```
export DEPLOYER_ENV="UAT"
/home/devops/Documents/WL_Build_Deploy/build-main.sh
```

When triggering the build, use the System-Integration job as the build parameter.

Create Jenkins Ops Job that gets the Server Logs

Create a Jenkins Ops Job to generate the server logs by extending the server restart script. **HINT:** Cat the messages.log file located in the server name directory (for example, `~/ci/Liberty/wlp/user/servers/cidevopsworklight/logs/messages.log`). This will print the logs to the Jenkins console where they can be inspected.

Create further Jenkins Ops Jobs

What other jobs might be useful for operations? Create some if time allows. Examples include archive logs and calculating system up-time.

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