



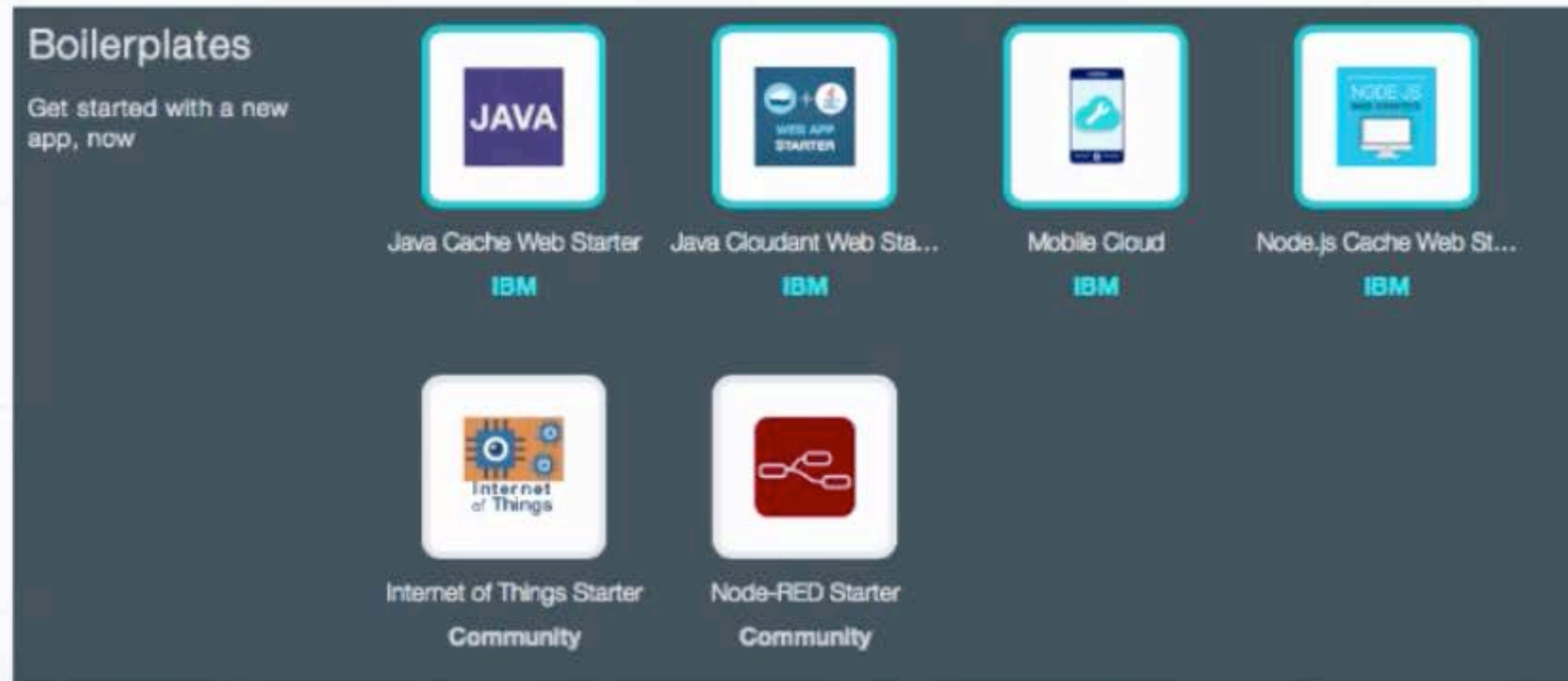
IBM Bluemix

Hands on Workshop
Section 3 – First Deploy



Starters and Runtimes

- **Boilerplates**
 - Deploys a Runtime, service(s) and sample code
 - Quick start with access to sample application code



Command Line Interface

- Bluemix uses the CloudFoundry command line interface (CLI) – cf
- cf help – provides help page showing all the commands
- cf help <command> - provides help for specific command

cf l - login

cf t – target space or organisation

cf a – list apps in current space

cf app - display status for specific app in current space

cf p – push (deploy or update) app

cf s – show service info

cf cs – create service

cf ds – delete service

cf bs – bind service to application

cf st – start app

cf sp – stop app

cf d – delete app

cf scale – scale app

cf logs – tail or show logs for app



Sample cf commands

- To login to Bluemix:
 - `cf l -a https://api.ng.bluemix.net -u <email> -p <password> -o <email> -s dev`
 - `cf l -a https://api.eu-gb.bluemix.net -u <email> -p <password> -o <email> -s dev`
 - This will login to Bluemix, set the organization to the user's own organization and the space to dev
- To check what space you are logged onto or to change the space:
 - `cf t`
 - `cf t -s test`
 - The first option will print the current target organization and space
 - The second option will switch to the test space
- To check what spaces exist in an organization:
 - `cf spaces`
 - Displays the spaces available in the current organization
 - `cf space dev`
 - Displays information about the dev space in the current organization

