



# Hewlett Packard Enterprise

## KubeDirector Application Installation Instructions

### Prerequisites

- An existing HPE Ezmeral Container Platform with a valid login account for the user to onboard and deploy the application.
- To onboard the application via the command line, the `kubectl` and `kubectl-hpecp` plugins must be configured on the host where these commands will be executed.
- The user must have a valid session in order to onboard the application using this method. For more details, see [http://docs.bluedata.com/51\\_k8s-dashboard-kubernetes-tenant-member](http://docs.bluedata.com/51_k8s-dashboard-kubernetes-tenant-member) and [http://docs.bluedata.com/51\\_k8s-using-the-hpe-kubectl-plugin\\$refresh](http://docs.bluedata.com/51_k8s-using-the-hpe-kubectl-plugin$refresh).

### Installation

#### Application Custom Resource URL

<https://ezmarketplace.s3.amazonaws.com/tensorflowcpu/cr-app-tensorflow-cpu-dockerhub.json>

#### Onboarding the Application

Use either of these procedures to onboard the application:

- Use the HPE Ezmeral Container Platform web interface. You must download the JSON file and upload it to an FS Mount, as described in [http://docs.bluedata.com/51\\_k8s-onboarding-applications](http://docs.bluedata.com/51_k8s-onboarding-applications).
- Use `kubectl` to execute the following command:

```
kubectl create -f https://ezmarketplace.s3.amazonaws.com/tensorflowcpu/cr-app-tensorflow-cpu-dockerhub.json
```

#### Deploying the Application

The onboarded application will appear in the **Kubernetes Applications** screen in the web interface, as described in <http://docs.bluedata.com/k8s-the-kubernetes-applications-screen>. Follow the instructions in [http://docs.bluedata.com/51\\_k8s-deploying-applications](http://docs.bluedata.com/51_k8s-deploying-applications) to deploy the application.

#### Airgap Environment

If deploying in an air-gapped environment

1. Download the application's custom resource JSON file.
2. Verify that all of the container images listed in the JSON file are pushed to an internal registry.
3. Modify the container image references in the application's custom resource JSON to indicate the registry to pull the image from.
4. Follow the above steps to onboard and deploy the application using the modified JSON file.