Print Environment Variables

The Nautilus DevOps team is working on to setup some pre-requisites for an application that will send the greetings to different users. There is a sample deployment, that needs to be tested. Below is a scenario which needs to be configured on Kubernetes cluster. Please find below more details about it.

1. Create a pod named print-envars-greeting.
2. Configure spec as, the container name should be print-env-container and use bash image.
3. Create three environment variables:

a. GREETING and its value should be Welcome to

b. COMPANY and its value should be Nautilus

c. GROUP and its value should be Industries

1. Use command to echo ["$(GREETING) $(COMPANY) $(GROUP)"] message.
2. You can check the output using <kubctl logs -f [ pod-name ]> command.

Note: The kubectl utility on jump\_host has been configured to work with the kubernetes cluster.

SOLUTION

Vi /tmp/env.yml

apiVersion: v1

kind: Pod

metadata:

name: print-envars-greeting

labels:

name: print-envars-greeting

spec:

containers:

- name: print-env-container

image: bash

env:

- name: GREETING

value: "Welcome to"

- name: COMPANY

value: "Stratos"

- name: GROUP

value: "Ltd"

command: ["echo"]

args: ["$(GREETING) $(COMPANY) $(GROUP)"]

kubectl create -f /tmp/env.yml

kubectl log -f print-envars-greeting