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[INSTRUCTOR LED TRAINING \(HTTPS://ACADEMY.PIVOTAL.IO/SSO-LMS?LMSID=/ADMIN/PEOPLE/4594453/AVATAR&LMSUSER=H2319485@MVRHT.COM\)](https://academy.pivotal.io/ss0-lms?lmsid=/ADMIN/PEOPLE/4594453/AVATAR&lmsuser=H2319485@MVRHT.COM)

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Test Your Knowledge

Completed by **tets test** on **Oct 9, 2016 9:41:58 AM**

(1 attempts, time taken: 00:04:54)

Score: **100% - Complete/ Passed** (passmark was 80%)

[BACK TO COURSE \(https://pivotal.litmos.com/course/141304\)](https://pivotal.litmos.com/course/141304)

Correct **When designing applications for the cloud, what are some practices to avoid?**

Multithreading

Writing/reading to/from the local file system - Answer given

HTTP Session - Answer given

Web sockets

Non-standard ports - Answer given

Pushing unneeded files - Answer given

Long-running processes

Correct **What languages does Cloud Foundry appear to support (see “buildpacks”)?**

Java - Answer given

PHP - Answer given

C++

NodeJS - Answer given

.Net

Correct **What kinds of things can be specified in a “Manifest”?**

Command to run the app - Answer given

VM to run the app on

Number of instances to run - Answer given

Memory for each instance - Answer given

Home page

Correct **What are the names of some of the architectural components within Cloud Foundry?**

Health Manager - Answer given

Auto Balancer

Cloud Controller - Answer given

Transaction Manager

Service Marketplace

Correct What are some of the “log types” that you can expect to find in Cloud Foundry logs?

API - Answer given

STG - Answer given

APP - Answer given

MST

RTT

Correct Answer the following questions based on <http://docs.gopivotal.com/pivotalcf/>. Note that many of these concepts have not been discussed yet in class: What kinds of things can be defined in the “Apps Manager”?

Organizations - Answer given

Virtual Machines

Service Providers

Spaces - Answer given

Users - Answer given

Correct What is the purpose of a "Buildpack"?

Plugs into Cloud Foundry to allow it to provision additional VMS

Allows you to compile your code to run on Cloud Foundry

Allows you to extend CF to handle other languages/frameworks - Answer given

Correct Answer the following questions based on <http://docs.run.pivotal.io>. Note that many of these concepts have not been discussed yet in class: What kind of services are presently available in the services marketplace?

Searchify - Answer given

MongoDB - Answer given

New Relic - Answer given

SendGrid - Answer given

Redis Cloud - Answer given

Tax Preparation Service

Correct BONUS When building a custom buildpack, what is the purpose of the “DETECT” script?

Determine if there are any problems with the App that prevented it from being deployed

Find all applications and services to deploy

Determine if the buildpack is appropriate for a given App - Answer given

There is no "DETECT" script within a buildpack

Correct BONUS: If you were to “push” a new web application named “weeble” to Pivotal web services, what URL could you use to access it?

weeble.cfapps.io - Answer given

weeble.pivotal.com

weeble."space"."org".pivotal.com

URLs for applications are defined outside of Cloud Foundry

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