

Oracle Cloud Infrastructure

Study Guide

Infrastructure as Code

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Agenda

- About the Course
- Infrastructure as Code
- The OCI Command Line Interface Tool
- Using the OCI Software Development Kit
- Terraform

Learning Objectives

- Explain the terms DevOps and Infrastructure as Code
- Describe the Infrastructure as Code categories and where Terraform fits in
- Describe the OCI-CLI tool architecture and install/configure it on your computer
- Use OCI-CLI to manage OCI resources via the command line
- Install/configure the OCI Python SDK and leverage VS Code as your Python IDE
- Use the OCI-SDK with Python to manage OCI resources programmatically
- Explain basic terraform concepts and install/configure terraform on your computer
- Use infrastructure as code principles in terraform to provision and manage OCI resources




A woman with long brown hair and black-rimmed glasses is sitting at a wooden desk in a workshop-like setting. She is wearing a brown leather jacket over a blue and black patterned scarf. She is holding a black smartphone to her ear with her left hand and looking down at a large open book or portfolio on the desk with her right hand. In the background, another person is seated at a desk, and the room has a bright, airy feel with large windows and some papers pinned to the wall.

About the Workshop

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Lab Solution Paths

Nr.	Solution Path	Description
1	For the Brave of Heart 	OK, so you want to have it the tough way. You just read the lab description and task 1 respectively and take it from there. No use of the additional support details in the lab description and the lab solutions in chapter 6. This might take way more time than I estimate in the lab description and you will encounter challenges. You have been warned.
2	The Middle Way 	You still want to do the lab mostly by yourself but you are willing to accept some guidance to be able to complete in time. You read the whole lab description including the lab guidance for the additional tasks, but the lab solutions chapter 6 remains as a last resort only if you're stuck. You should be able to complete the lab in the time estimated in the description.
3	Least Resistance 	You are primarily interested in completing the lab but not so much in the details. Obviously this path will also entail the least amount of learnings to be gained, but maybe you just want it to work and will look at the details later? Complete the lab by looking at the solutions guide in chapter 6, you should be able to finish way ahead of time. It's your choice.

Course GitHub Home Page

wagoer / oci-iac-book

Watch 0 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Insights Settings

GitHub site with Oracle Cloud Infrastructure as Code Book Files

Add topics

17 commits 1 branch 0 releases 1 contributor

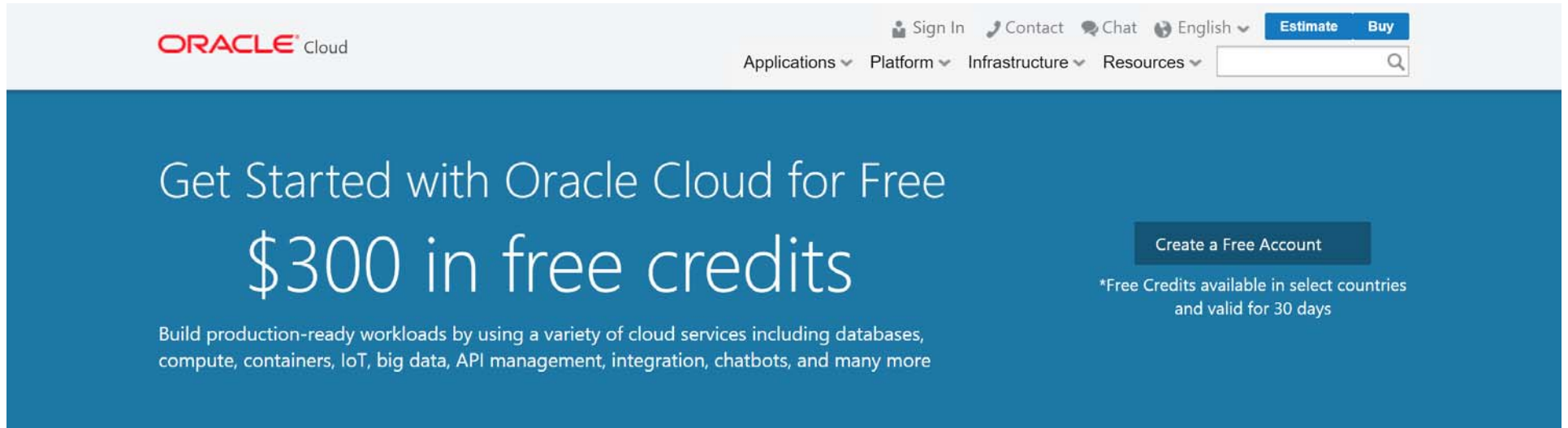
Branch: master New pull request

Create new file Upload files Find file Clone or download

wagoer Add files via upload		Latest commit 1253a11 a day ago
chapter2-cli	Create README.MD	a day ago
chapter3-python	Add files via upload	a day ago
chapter4-terraform	Add files via upload	a day ago
lab2	Add files via upload	a day ago
lab4	Add files via upload	a day ago
lab6	Add files via upload	a day ago
OCI 2018 Certified Associate Architect Exam Topics.docx	Add files via upload	a day ago
OCI_Icons.pptx	Add files via upload	a day ago
README.md	Initial commit	a day ago

<https://github.com/wagoer/oci-iac-book>

Oracle Cloud Free Trial



The screenshot shows the Oracle Cloud website's free trial offer. At the top, the Oracle Cloud logo is on the left, and navigation links for Sign In, Contact, Chat, and English are on the right. Below these are links for Applications, Platform, Infrastructure, and Resources, followed by a search bar. The main banner is blue and features the text 'Get Started with Oracle Cloud for Free' and '\$300 in free credits'. A 'Create a Free Account' button is on the right, with a note that free credits are available in select countries for 30 days. Below the main text, it says 'Build production-ready workloads by using a variety of cloud services including databases, compute, containers, IoT, big data, API management, integration, chatbots, and many more'.

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<https://cloud.oracle.com/tryit>

Course Prerequisites

Visual Studio Code

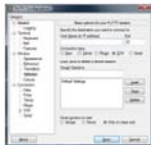
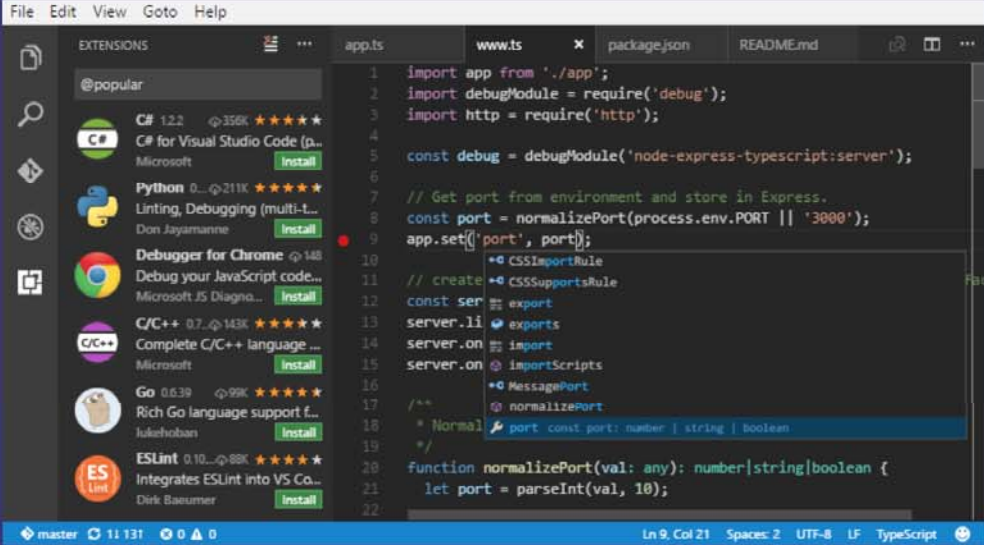
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