



# **UNIT 6.**

## **WEB APPLICATIONS DEPLOYMENT**

### **STUDY GUIDE**

Web Applications Deployment  
CFGS DAW

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2019/2020

## UT06. WEB APPLICATION DEPLOYMENT

### OBJECTIVES

In this unit we are going to learn different web hosting methods and how to deploy web applications using Docker and Heroku.

### CONTENT

1. Introduction
2. Web hosting
  1. Traditional hosting
  2. Cloud computing

### ACTIVITIES

Activity 1 is a Katacoda tutorial with different exercises (scenarios) on how to use Docker.

Activity 2 is a step-by-step guide on how to deploy three web applications (PHP, Java and Node.js) Using Docker with load balancing on a VPS (Virtual Private Server).

Activity 3 is a step-by-step guide on how to deploy three web applications (PHP, Java and Node.js) using Heroku.

**This activities are not assessable and do not compute for the final grade.**

### ASSESSABLE ACTIVITY

During this unit the Second Term Assessable Activity will be published. It will be available during the second part of the unit.

**This activity is assessable and computes for the final grade.**

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