

Curso Introducción a DevOps

Fecha: Del 11 al 14 de junio

Horario: 15.00 a 20.00 h

Duración: 20h

Ubicación: Sede de Barcelona. Aula de formación

Observaciones: Plazas limitadas. Para asistir a este curso, tienes que hacer una preinscripción escribiendo a formacioninterna@atsistemas.com. La asistencia al curso, se te confirmará igualmente, vía email.

Contenido:

1. Continuous Integration, Continuous Delivery and Continuous Deployment with Jenkins

Introduction to Continuous Integration

Jenkins Resources

Introduction and installation

Prepare the Application

Building applications

Install and build demo

Automate testing

Packaging

Automate testing and packaging demo, full lifecycle

2. Provisioning using Vagrant

Install

Project Setup

Boxes

Up and SSH

Synced Folders

Provisioning

Networking

Share

Teardown

Rebuild

Providers

3. Automation and Configuration Management with Ansible

Introduction to Automation and Configuration Management

Introduction

Installation

First Playbook

Role

Directory Layout

Best Practices

4. Docker containers and microservices

Introduction to docker

Docker demo

Docker Architecture

Docker Images

Docker Volumes

Docker Networking

Docker Hub

Docker Compose

Docker Compose demo

Docker Machine

Docker Machine Demo

Docker Swarm

Docker Swarm Demo

5. Container orchestration with Kubernetes

Introduction to Container Orchestration

Kubernetes architecture overview

Kubernetes Procedures

Deploying container using Kubernetes

Kubernetes demo