



Consulting  
& Training

## Kubernetes and Cloud Native Associate (KCNA)

FORMACIÓN OFICIAL CERTIFICADA



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**Duración**  
2 horas



**Modalidad**  
Aula Virtual



**Learning  
by doing**



**Curso  
Oficial**

### Próximas convocatorias



Para reservar tu plaza, déjanos tus datos utilizando el formulario.

### Acerca de:

p>A certified KCNA will confirm conceptual knowledge of the entire cloud native ecosystem, particularly focusing on Kubernetes.

The KCNA exam is intended to prepare candidates to work with cloud native technologies and pursue further CNCF credentials, including CKA, CKAD, and CKS.





## Dirigido a:

The KCNA is a pre-professional certification designed for candidates interested in advancing to the professional level through a demonstrated understanding of kubernetes foundational knowledge and skills. This certification is ideal for students learning about or candidates interested in working with cloud native technologies.

## Objetivos:

KCNA will demonstrate a candidate's basic knowledge of Kubernetes and cloud-native technologies, including how to deploy an application using basic kubectl commands, the architecture of Kubernetes (containers, pods, nodes, clusters), understanding the cloud-native landscape and projects (storage, networking, GitOps, service mesh), and understanding the principles of cloud-native security.

## Requisitos:

There are no pre-requisites for this exam.

## Material del curso:

- Documentación Oficial de The Kubernetes and Cloud Native Associate (KCNA)

## Perfil del docente:

- Formador Certificado por The linux Foundation
- Más de 5 años de experiencia profesional
- Más de 4 años de experiencia docente
- Profesional activo en empresas del sector IT





## Metodología:

- “Learning by doing” se centra en un contexto real y concreto, buscando un aprendizaje en equipo para la resolución de problemas en el sector empresarial.
- Aulas con grupos reducidos para que el profesional adquiera la mejor atención por parte de nuestros instructores profesionales.
- El programa de estudios como partners oficiales es confeccionado por nuestro equipo de formación y revisado por las marcas de referencia en el sector.
- La impartición de las clases podrá ser realizada tanto en modalidad Presencial como Virtual.

## Examen y Certificación:

Preparation for the exam:

Kubernetes and Cloud Native Associate (KCNA)





## Contenidos:

Modulo 1: Introduction to Linux (LFS101x)

Modulo 2: Introduccion a Linux (LF-UPV-101x)

Modulo 3: Fundamentals of Open Source IT and Cloud Computing (LFS200)

Modulo 4:Linux Foundation Certified IT Associate (LFCA)

Modulo 5:Introduction to Cloud Infrastructure Technologies (LFS151x)

Modulo 6: Introduction to Kubernetes (LFS158x)

Modulo 7: Building Microservice Platforms with TARS (LFS153x)

Modulo 8: Introduction to Cloud Foundry (LFD132x)

Modulo 9: Essentials of Linux System Administration (LFS201)

Modulo 10: Linux Foundation Certified System Administrator (LFCS)

Modulo 11:Cloud Foundry for Developers (LFD232)





Modulo 12:Cloud Foundry Certified Developer (CFCD)

Modulo 13:Containers Fundamentals (LFS253)

Modulo 14: Kubernetes and Cloud Native Essentials (LFS250)

Modulo 15:Kubernetes and Cloud Native Associate (KCNA)

Modulo 16:Kubernetes Fundamentals (LFS258)

Modulo 17:Introduction to Kubernetes on Edge with k3s (LFS156x)

Modulo 18: Introduction to Serverless on Kubernetes (LFS157x)

Modulo 19:Certified Kubernetes Administrator (CKA)

Modulo 20:Monitoring Systems and Services with Prometheus (LFS241)

Modulo 21: Cloud Native Logging with Fluentd (LFS242)

Modulo 22: Service Mesh Fundamentals (LFS243)

Modulo 23: Managing Kubernetes Applications with Helm (LFS244)

Modulo 24: Containers for Developers and Quality Assurance (LFD254)





Modulo 25: GitOps: Continuous Delivery on Kubernetes with Flux (LFS269)

Modulo 26:Kubernetes for Developers (LFD259)

Modulo 27: Certified Kubernetes Application Developer (CKAD)

Modulo 28: Certified Kubernetes Security Specialist (CKS)

Modulo 29:

Certified TARS Application Developer (CTAD)





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## Partners

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<b>Oracle</b> Silver Partner	<b>Oracle</b> Workforce Development Program	<b>Oracle</b> Approved Education Center	
	<b>PYTHON INSTITUTE</b> <small>OpenEdg   OPEN EDUCATION AND DEVELOPMENT GROUP</small>		 Linux Professional Institute <b>APPROVED ACADEMIC PARTNER</b>
 ACCREDITED TRAINING ORGANIZATION PeopleCert ON BEHALF OF AXELOS	<b>ATC</b> <b>AUTHORIZED</b> Training Center	 EXIN Agile Scrum MASTER Accredited by EXIN	 LITA Lean IT FOUNDATION Accredited by EXIN

## Centro examinador



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