



Curso Preparing for Your Professional Cloud Architect Journey

Calle de la Basílica, 19
28020 Madrid
(34) 915 53 61 62
www.cas-training.com





CAS Training



Duración
7 horas



Modalidad
Aula Virtual



**Learning by
doing**



**Curso
Oficial**

Acerca de:

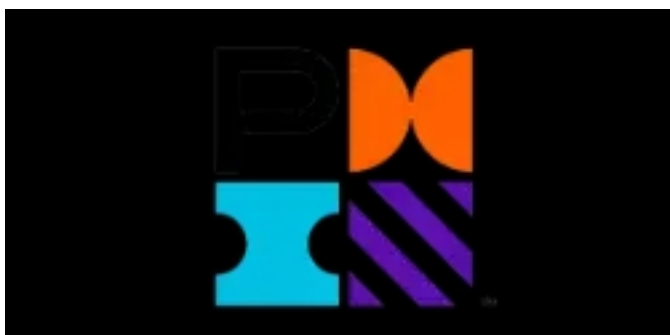
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Certificación ITIL® 4 Foundation





Objetivos:

- Describir los cinco dominios que se incluyen en el examen de certificación de Professional Cloud Architect.
- Identificar brechas en sus conocimientos y habilidades con respecto a cada dominio y crear un plan de estudio.
- Prepararte para el examen de certificación Professional Cloud Architect.

Requisitos:

Profesionales Cloud que deseen tomar el **examen de certificación Professional Cloud Architect**.

Material del curso:

Documentación oficial para el **curso Preparing for Your Professional Cloud Architect Journey**.

Perfil del docente:

- Formador certificado por Google Cloud.
- 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:

Preparación para el examen de certificación:

Professional Cloud Architect



Contenidos:

Módulo 00: Introduction to the Professional Cloud Architect Certification

- Temas:
 - Role of a Professional Cloud Architect and scenario introduction*
 - Certification value and benefits
 - Certification process
- Objetivos:
 - Describe the purpose and benefits of the PCA certification.
 - Explain the certification process.

Módulo 01: Designing and planning a cloud solution architecture

- Temas:
 - Scenario: Defining initial technical and business design considerations for Cymbal's migration to a cloud solution
- Objetivos:
 - Identify considerations involved in designing solution infrastructure that meets business and technical requirements.
 - Describe options for designing network, storage, and compute resources leveraging Google Cloud.
 - Explain the elements of a migration plan.
 - Recognize the potential for future solution improvements.
 - Determine the skills you need to develop in order to design and plan solution architecture leveraging Google Cloud.

Módulo 02: Managing and provisioning a solution infrastructure

- Temas:
 - Scenario: Provisioning and deploying the cloud solution per Cymbal's requirements
- Objetivos:
 - Identify considerations involved in configuring network topologies, individual storage systems, and compute systems.
 - Determine the skills you need to develop in order to manage and provision solution infrastructure.

Módulo 03: Designing for security and compliance

- Temas:
 - Scenario: Identifying the security and compliance considerations pertinent to Cymbal's cloud solution
- Objetivos:
 - Explain recommended design practices to ensure security across a cloud solution.
 - Recognize aspects of designing for compliance.
 - Determine the skills you need to develop in order to apply Google's recommended approach to designing for security and compliance.

Módulo 04: Analyzing and optimizing technical and business processes

- Temas:
 - Scenario: Analyze costs, KPIs, etc. and identify opportunities for optimization
- Objetivos:
 - Describe the technical and business processes involved in solution production.



- Identify ways to optimize processes and develop procedures to ensure reliability of solutions in production.
- Determine the skills you need to develop to optimize technical and business processes involved in producing a cloud solution.

Módulo 05: Managing implementation/Ensuring solution operations and reliability

- Temas:
 - Scenario: How the PCA helps establish best practices for Cymbal's solution deployment and ongoing operations
- Objetivos:
 - Describe best practices for development and operations teams to ensure successful solution deployment.
 - Explain methods to interact with Google Cloud programmatically.
 - Explain methodologies for managing configuration and code updates and tools available for monitoring and analyzing KPIs.

Módulo 06: Your Next Steps

- Temas:
 - Learn how to break down a case study to pinpoint business and technical requirements, and find differentiators
 - Finalizing your study plan
 - Creating a weekly study sheet
 - Registering for the exam
- Objetivos:
 - Create a personalized study plan.
 - Review next steps.



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