



Curso Preparing for Your Professional Cloud Security Engineer Journey

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Duración
7 horas



Modalidad
Aula Virtual



**Learning by
doing**



**Curso
Oficial**

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Curso de preparación a la certificación PMP®



Curso y certificación SCRUMstudy™ Scrum Master Certified (SMC™)



Objetivos:

- Describir los dominios que se incluyen en el examen de certificación de Professional Cloud Security Engineer.
- 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 Security Engineer.

Requisitos:

Haber obtenido la certificación Associate Cloud Engineer o tener experiencia equivalente.

Material del curso:

Documentación oficial para el **curso Preparing for Your Professional Cloud Security Engineer 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 Security Engineer



Contenidos:

Módulo 1: Welcome to Your Professional Cloud Security Engineer JourneyTemas:

- What is the role of a Professional Cloud Security Engineer?
- Resources to support your certification journey.
- Creating your study plan.

Objetivos:

- Understand the role of a Professional Cloud Security Engineer.
- Learn about the sample scenario used throughout the course.
- Understand the benefits of becoming Google Cloud Certified.
- Understand the course structure and types of learning assessments.

Módulo 2: Configuring Access Within a Cloud Solution EnvironmentTemas:

- Planning Cymbal Bank's cloud identity and access management
- Diagnostic questions
- Review and study planning

Objetivos:

- Define Resource Hierarchy and configure Cloud Identity.
- Explain considerations for managing service accounts, authentication, and authorization controls.
- Determine the skills you need to develop to use best practices for configuring access within a cloud solution environment.

Módulo 3: Configuring Network SecurityTemas:

- Securing Cymbal Bank's network resources
- Diagnostic questions
- Review and study planning

Objetivos:

- Identify considerations involved in designing network security (perimeter controls, load balancing, DNSSE, addressing, Cloud DNS).
- Describe how to configure network segmentation and establish private connectivity.
- Determine the skills you need to develop in order to design and configure network security.

Módulo 4: Ensuring Data ProtectionTemas:

- Securing Cymbal Bank's data
- Diagnostic questions
- Review and study planning

Objetivos:

- Identify practices to protect sensitive data.
- Recognize Google's approach to managing encryption.
- Determine the skills you need to develop in order to apply Google's approach to protect and encrypt sensitive data.

Módulo 5: Managing Operations in a Cloud EnvironmentTemas:

- Cymbal Bank's security operations
- Diagnostic questions
- Review and study planning

Objetivos:

- Identify considerations involved in building and deploying secure infrastructure and applications.



- Describe how to design and configure effective logging, monitoring, and detection in Google Cloud.
- Determine the skills you need to develop to ensure successful ongoing security operations in a Google Cloud environment.

Módulo 6: Ensuring ComplianceTemas:

- Cymbal Bank's security regulatory compliance
- Diagnostic questions
- Review and study planning

Objetivos:

- Identify considerations for compliance and regulatory requirements in a cloud environment.
- Determine the skills you need to develop to ensure regulatory compliance for solutions in Google Cloud.

Módulo 7: Your next stepsTemas:

- Sample study plans
- Exam registration

Objetivos:

- Learn how to create an individualized study plan.
- Review sample study plans.
- Learn how to register for the exam.



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