Professional Cloud Developer

Duración: 2 Días Código del Curso: GKPCD Version: 1.0 Método de Impartición: Curso Cerrado (In-Company)

Temario:

A thorough understanding of the technology platform and cloud-computing provider is essential for any cloud application developer. However, application developers benefit further from having a thorough understanding, and working-level knowledge, of vendor-neutral application design principles, ensuring that applications provide the most-value throughout the application lifecycle. This course is designed for senior application developers who are designing and developing applications for cloud environments. It includes various reference materials that help to continue participants' educational experience when they are back at work after completion of the course. The course prepares candidates for the Professional Cloud Developer Certification (PCD) Exam provided by the Cloud Credential Council. The PCD is endorsed, recognized and/or supported by several key technology vendors and standards bodies. The content for this course, as well as the PCD certification is based on the cloud standards developed by the National Institute of Standards and Technology (NIST).

Dirigido a:

Application Developers and Cloud Application Developers

Objetivos:

- **After completing this course you should be able to understand:**
- Cloud architecture patterns and development characteristics
- Cloud security and compliance fundamentals
- Deployment automation and elastic sizing of environments
- Tenant-aware application development
- Application architecture models
- Cloud service catalogues and application marketplaces
- Impact of cloud development on testing

Prerequisitos:

It is recommended that participants have achieved the Cloud Technology Associate certification (or its equivalent) from the Cloud Credential Council (and that participants are conversant with Cloud concepts and vocabulary)

A strong background in application design and development is also recommended

Exámenes y certificación

Recommended as preparation for the following exam:

- **PCD -** Professional Cloud Developer

Contenido:

Service Modularity, Encapsulation and Orchestration

- Criteria for suitability for migration of legacy apps
- DevOps / NoOps-practical applications
- Implications of delivering business process via a cloud model

Cloud Architecutre Patterns

- Deployment models and platforms available
- Requirements of restful and restless services
- Common design provisions when designing to meet failure

Development Monetization Techniques

- Monetization models for the different phases of development
- The uses of monetizing apps
- Licensing models for cloud environments

Cloud Security and Compliance Fundamentals

- Main areas of legislative compliance for cloud development
- Security threats and potential breaches in the different cloud environments
- Benefits of the different login/sign on mechanisms available

Metadata and Semantic

- Concepts of metadata and semantic data management so that the candidate can anticipate future developments in both fields when implementing a cloud environment
- Explains the intersections between cloud design and the management of metadata
- Impact of semantic technologies on the various stages of cloud development

Testing in the Cloud

- Testing stages for cloud and non-cloud environments
- Automate cloud testing functions
- Public and private sandbox strategies

Scalable Coding

- Coding languages
- Portability requirements of platforms

Más información:

Para más información o para reservar tu plaza llámanos al (34) 91 425 06 60

info.cursos@globalknowledge.es

www.globalknowledge.es

Global Knowledge Network Spain, C/ Retama 7, 6ª planta, 28045 Madrid