

Professional Cloud Solutions Architect

Architect your way up in cloud computing.

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Cloud solution architects are responsible for the cloud infrastructure as a whole, from business requirements to the actual cloud deployment. They require core understanding of the proper uses of cloud computing, broad knowledge of the technologies on the market and how to utilize them to reach organizational goals. Solution architects need to consider how existing systems and new solution practices, driven by on-demand cloud computing, are impacting consumers, providers of private- and public-enabled systems and the integrated hybrid categories of IT and business that are now part of today's technology landscape.

The Cloud Credential Council (CCC) Professional Cloud Solutions Architect (PCSA) certification prepares cloud solution architects to deliver a solid cloud infrastructure. The certification provides the core understanding required for CSAs to manage the range of capabilities and issues that need to be successfully navigated to support the adoption, development and performance optimization of cloud solutions and services in the enterprise and the wider marketplace and IT ecosystem.

“IT spend in cloud computing is set to increase by 68% over the coming two years, as organisations use of cloud matures.”

Quick Facts

Opportunities

95% of organizations use cloud computing in some form, only 29% have reached cloud maturity leaving a large gap of enterprises still developing their cloud architecture.

RightScale

Architects

40% of architects identify themselves as 'cloud architects.'

RightScale

Resources

Lack of cloud resources/expertise is the top concern for 32% of organizations.

LinkedIn

Market

The cloud market continues to grow, with forecasts predicting it will reach US \$ 204B in 2016, 16.5% increase over the \$175 billion market in 2015.

Gartner

Demand

Cloud and distributed computing is the most sought after skill on LinkedIn globally.

LinkedIn



CLOUD
CREDENTIAL
COUNCIL

Certification Highlights

Understanding SOA, enterprise architecture, and the evolution of IT to cloud architecture.

Cloud reference architecture principles, consumer & provider reference architecture, cloud security reference architectures and industry references architecture standards.

Internet of Things, XaaS and new business and IT models created from disruptive, innovative, cloud computing.

Architecture features that affect cloud service selection

and delivery, including cloud service lifecycle (SLC), sourcing & provisioning SLC, product and custom SLC, DevOps LC, service management LC and cloud governance LC.

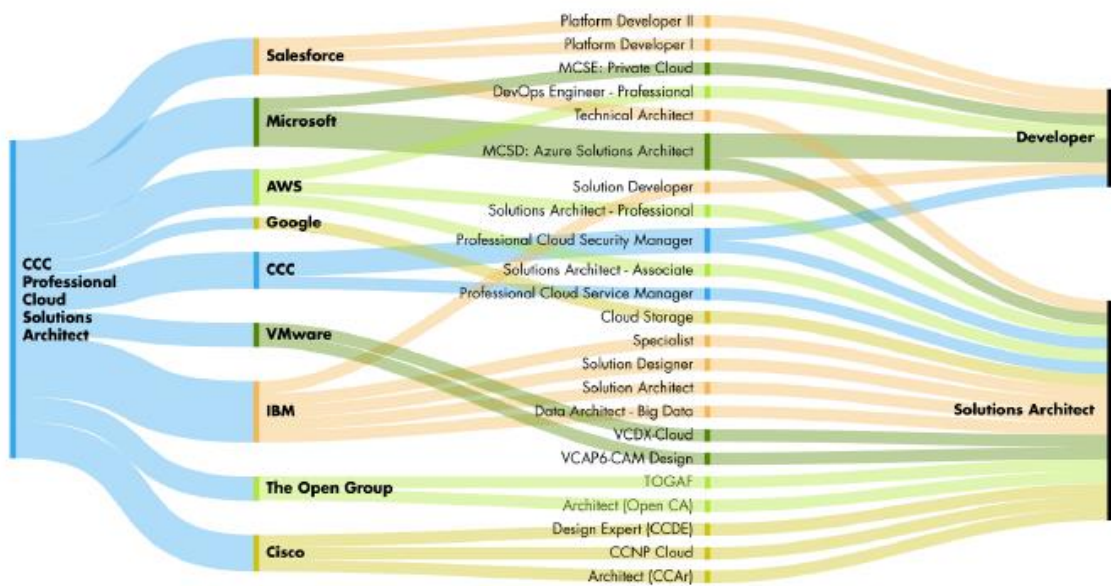
Key risk, security and legal issues inherent to cloud computing and the correct architecture solutions to apply in various scenarios.

Consumer and provider perspectives in setting up cloud environments, key business features of a cloud solution architecture and steps in setting up a cloud environment.



Related Certifications

The images simply illustrate potential professional development routes one may take and are not intended as a recommendation. The images do not include all certifications on the market and are not a ranking of skill level, sequence or quality of the certifications.



Why Vendor-Neutral Certification?

Many cloud and analytics technology vendors offer their own training programs. These are important for understanding how to get the most value from the environment they provide. However, how do you keep yourself relevant, and organizations ensure employees can adapt, when technology evolves?

Vendor-neutral certification provides an overarching foundation in core concepts and best practices. It ensures business success is not dependent on a specific technology, and you are able to offer real business value irrespective of the selected technical environment. Make better choices, and lead your organization through the evolving technology landscape.

- ✓ **Make Better Choices**
- ✓ **Prevent Vendor-Lock-In**
- ✓ **Offer Real Business Value**

Why Role-Based Certification?

Vendor-neutral cloud computing and data analytics training often cover one aspect of these technologies. In reality, the average job role requires a mix of several aspects. Thus, a well-rounded view of these technologies is necessary to successfully apply it in your work. This puts a burden on professionals to take multiple trainings to fulfill the requirements of their job and career aspirations.

The CCC role-based certification program consolidates all aspects of the required knowledge and skills for a certain role into one certification. You can therefore efficiently and effectively gain the knowledge and skills they need from a single training - and it fits the demands of your job or future role.

Cloud Credential Council

The Cloud Credential Council (CCC) is an international member-based organization mandated to drive cloud readiness through effective competence development.

The CCC has established critical cloud certifications for key IT roles in order to cultivate cloud-ready IT professionals. The certification scheme was developed after several years research investment in all key IT roles led by industry experts in conjunction with the leading technology vendors in the cloud computing arena.

ABOUT MARIANA CARROLL CONSULTING



Mariana Carroll Consulting is a value-adding partner that brings together insights, tools and support services. We help our clients make better, informed business decisions using our three core service streams of Inform, Enable and Support.

- **Inform:** We inform our clients by providing them with market-leading Emerging Technology-related insights. These insights help them to stay abreast of market trends and assist them to make informed decisions about the correct, tailored solutions for their business.
- **Enable:** We equip our clients through a comprehensive collection of value-based, fit-for-purpose innovative tools and programs that enable them to drive adoption and build capability to quickly respond to business challenges. This includes a comprehensive Cloud training portfolio.
- **Support:** We support our clients with unparalleled expertise and fact-based consulting services to help them choose, optimally use and effectively manage Emerging Technologies in their organisation.

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