Top Five High-Paying Job Positions You Can Pursue with a Cloud Security Certification

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Nowadays, cloud computing has emerged as one of the most important aspects of modern technology as it offers countless benefits to businesses. Its advantages are seen on many levels as this virtual way of collecting and managing data is more cost-effective, facilitates data recovery and backups, and improves agility and accessibility. Considering its benefits, cloud computing has become a vital part of the vast majority of organizations globally. In fact, according to Cloudwards, 94% of all organizations use cloud computing.

Cloud computing is often chosen for its security, however, this does not mean that clouds are entirely secure. Cloud computing can be threatened by many malicious activities like cloud breaches. Based on a Thales Cloud Security Report, 45% of organizations have faced a cloud breach or failed audit during the past 12 months, representing an increase of 5% over the previous year.

Cloud security training would help you expand your professional knowledge and expertise in the complex field of cloud security. I would also provide the necessary guidance in selecting information security controls applicable to cloud services based on risk assessment and other cloud-specific information security requirements.

TOP FIVE U.S. HIGH-PAYING JOB POSITIONS IN THE INDUSTRY OF CLOUD SECURITY

1. Cloud Security Architect

According to Salarycom, PayScale, and ZipRecruiter, the average annual salary for a Cloud Security Architect is **$156,831**.

A cloud security architect is mainly responsible for:

- ✓ Assessing and testing existing cloud computing security systems and creating firewalls
- ✓ Designing and developing cloud security architectures and performing architecture design reviews
- ✓ Managing and executing cloud security solutions across lifecycle strategy, design, and implementation
- ✓ Leading compliance efforts based on selected industry frameworks and compliance standards

Cloud security architects need excellence and expertise in cybersecurity. They should have excellent communication, organizational, and leadership skills. Knowledge of operating systems is also required, while cloud security certification would be a decent competitive advantage.

2. Cloud Security Engineer

According to PayScale, Salarycom, and ZipRecruiter, the average annual salary for a Cloud Security Engineer is **is $125,276**.

A cloud security engineer is mainly responsible for:

- ✓ Installing, maintaining, and upgrading an organization's cloud computing environment and core infrastructure
- ✓ Performing simulations and penetration tests to identify and mitigate possible threats
- ✓ Managing encryption and cryptography of data in the cloud
- ✓ Monitoring and responding to detected incidents in the cloud environment

Cloud security engineers should possess strong technical skills and experience in different operating systems and programming languages. They should be meticulous with details and make sure that there are no external threats. Communication skills are also essential for this role. Considering that they are expected to train their team members, a cloud security certification would be a valuable asset.

3. Cloud Security Consultant

According to Glassdoor, Salarycom, and ZipRecruiter, the average annual salary for a Cloud Security Consultant is **$116,529**.

A cloud security consultant is mainly responsible for:

✓ Assisting clients in creating and developing enterprise security use cases that align their cloud security and security baseline
✓ Identifying, designing, and deploying solutions to secure the cloud
✓ Managing and delivering cloud transformation projects from the early planning phase through the whole cycle
✓ Ensuring that cloud can deliver operational services, confidentiality, availability, integrity, and compliance

Cloud security consultants should possess great IT skills and technical knowledge of information security and cybersecurity. Excellent communication and team-working skills are also essential.

4. Cloud Automation Engineer

According to ZipRecruiter, Payscale, and Salarycom, the average annual salary for a Cloud Automation Engineer is **$114,017**.

A cloud automation engineer is mainly responsible for:

✓ Designing, developing, and delivering automation features
✓ Analyzing and choosing the right tools, methods, and processes to work efficiently
✓ Modifying and improving existing systems
✓ Developing and implementing cloud services policies
✓ Finding and fixing potential problems and issues

Cloud automation engineers should have designing, developing, and testing skills. They should also have knowledge about different cloud platforms and tools. Furthermore, they should also have communication skills as they often will be required to work with other team members and other stakeholders.

5. Cloud Security Manager

According to ZipRecruiter, Salarycom, and Glassdoor, the average annual salary for a Cloud Security Manager is **$95,006**.

A cloud security manager is mainly responsible for:

- ✓ Implementing industry leading practices around cyber risks and cloud security for clients
- ✓ Leading and supporting the implementation of cloud environments and agile application development technologies
- ✓ Leading and monitoring cloud security assessments and providing the necessary guidelines on required configurations
- ✓ Developing strategic security remediation recommendations

Cloud security managers should have advanced problem-solving skills. They should have experience in information security technologies and knowledge of security-related regulatory requirements. In addition, they should be able to pick up new technologies and programming languages quickly. Communication skills are also vital.

Organizations that adopt cloud security should ensure that the level of security of their cloud systems meets their requirements and complies with the applicable laws and regulations.

Implementing the guidelines of ISO/IEC 27017 and ISO/IEC 27018 helps maintain information security controls related to cloud services. This would also guide organizations in selecting information security controls applicable to cloud services based on risk assessment and other cloud-specific information security requirements. A cloud security certificate would demonstrate your ability and competencies to manage a cloud security program based on best practices.

Note: The salaries of the above-mentioned positions are not definitive and they may change with time and industry development.

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