Cloud Computing

Curriculum Leading to Two Amazon Web Services Exams

Amazon Web Services certifications are designed in a three-level hierarchy with foundational-level certifications leading to the associate level and culminating at the professional designation.
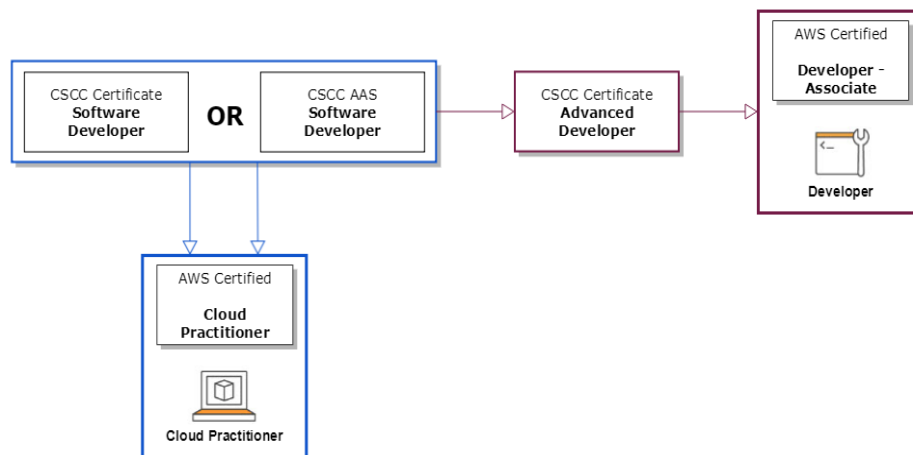
Two AWS exams will be integrated into our existing curriculum: **Cloud Practitioner** at the foundational level, and the associate-level **Certified Developer**.

The entry-level **Cloud Practitioner** exam covers four domains: cloud concepts, security, technology, and billing and pricing. While it's not a required prerequisite to the associate-level certifications, it provides a foundation for these other AWS exams. The Cloud Practitioner certification provides the student an avenue to validate their AWS cloud knowledge and enhance their professional credibility.

The **Certified Developer** exam is a comprehensive exam focused specifically on software development and the use of AWS to design, develop, and deploy cloud-based solutions. This certification is intended for individuals with one or more years of hands-on experience designing and maintaining an AWS-based application. The Certified Developer certification also requires the in-depth knowledge of at least one high-level programming language.

Curricular Pathways to Amazon Web Services Certifications

Both the Associate of Applied Science and certificate program in Software Development will lead to the Amazon Web Services Cloud Practitioner exam and certification.

As demonstrated in the diagram above, the AAS or certificate, in combination with a certificate in Advanced Software Development, will lead to the AWS associate-level **Certified Developer** exam and certification.