



Xtreme Talent Accelerator Program (XTAP)

AWS Solutions Architect Certification Program

OVERVIEW



10 Weeks



7-10 Hours/Week



AWS Solutions Architect
Certificate

More than ever, Ontario employers need tech professionals with cloud computing skills. The Amazon Web Services (AWS) Solutions Architect Certification Program gives you a broad overview of AWS cloud concepts and enables you to build for the cloud using AWS principles and best practices. It prepares you to be certified with an industry-recognized credential that can supercharge your tech career.

WHO IS THIS FOR?

You are a developer looking to acquire additional skills needed to further advance your career in your current organization.

Ideally, your professional background includes:

- 12+ months of experience in a role such as Systems Administrator, Network Administrator or Systems Architect
- Experience with Virtual Machines (VMs)

In addition, you understand TCP/IP networking, including routing and firewall concepts.

ELIGIBILITY

We invite you to apply if:

- You're a resident of Ontario, and
- You're 18 years or older, and
- You're a Canadian Citizen, Permanent Resident or Protected Person
- If you work in a full-time position, your employer is in Ontario and is willing to endorse your participation, including approving the time you will need to participate in the program. (For further details, see our [Information for Employers fact sheet](#)). If you are unemployed or working on a part-time basis, this eligibility requirement is not applicable to you.

This program requires a commitment of 7-10 hours per week. That time consists of roughly two hours per week during business hours to attend virtual live instructor-led sessions. Please note that you will be required to participate in live gamified JAM sessions with peers and instructors (that require six to eight full days (i.e., 9am – 5pm) throughout the program. The remaining hours include self-paced work such as group projects and reading assignments that you can complete during evenings and weekends.

WHAT YOU WILL LEARN

Designed and delivered by AWS, this skills development program offers innovative learning experiences, including live, virtual instructor-led sessions and AWS Jam sessions, games and challenges, as well as self-paced work. Instructors will be available during weekly office hours to address your specific questions and learning needs.

Along with the technical subjects, you will have access to personal career services and workshops in communication, networking and personal branding, offered by XTAP, to help you improve your soft skills and feel more equipped to advance within your current organization.

AWS Solutions Architect Certification

Your learning in this workshop will prepare you to:

- Use AWS services to make your infrastructure scalable, reliable and highly available.
- Use AWS Managed Services to enable greater flexibility and resiliency in an infrastructure.
- Increase efficiency on AWS for improved performance and reduced costs.
- Use the Well-Architected Framework to improve architectures with AWS solutions.

The following services will be discussed:

- Storage:** Amazon Simple Storage Service (Amazon S3) and Amazon S3 Glacier.
- Compute:** Amazon Elastic Compute Cloud (Amazon EC2), Amazon Elastic Block Storage (Amazon EBS), Amazon Elastic File System (Amazon EFS) and Amazon FSx.
- Databases:** Amazon Relational Database Service (Amazon RDS), Amazon DynamoDB and AWS Database Migration Service (AWS DMS).
- Networking:** Amazon Virtual Private Cloud (Amazon VPC), Network Access Control Lists (NACLs) and Security Groups, AWS VPN connections, AWS Direct Connect (DX), VPC peering, AWS Transit Gateway, Elastic Load balancing on AWS and Amazon Route 53.

EMPLOYMENT PREPARATION, ON-THE-JOB SKILLS, AND ETHICS AND EMPLOYEE ADVOCACY

These additional career services provided by XTAP cover:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Tech, EQ and You: Exploring and Understanding Emotional Intelligence in Tech | <input checked="" type="checkbox"/> Designing Your Professional Digital Presence |
| <input checked="" type="checkbox"/> Personality Assessments | <input checked="" type="checkbox"/> Time Management |
| <input checked="" type="checkbox"/> Virtual Interviewing Skills for Incumbents | <input checked="" type="checkbox"/> Employee Rights in the Workplace |

CAREER OUTLOOK

By the end of this program, you will have the upgraded skills that give you an opportunity to advance within your current organization. That can include:

- Access to new or more challenging — and rewarding — projects
- Increased responsibility for existing assignments
- Bringing new technical skills to your team
- Better compensation or a promotion

YOUR LEARNING PATH

A learning needs assessment will occur prior to the program's start date. Then, your path to certification will include:

- Cloud Architect Fundamentals
- AWS Technical Essentials
- AWS Security Essentials
- AWS Cloud Architecting concepts and best practices
- Architecting on AWS with Jam
- Solutions Architect-Led Technical Workshops
- Preparation for the Certification Exam

You can either complete the certification exam at the conclusion of the program or continue to study on your own for up to four weeks before taking your test.

DATES AND APPLICATION DEADLINES

October 18, 2021 – December 20, 2021
Application deadline: September 12, 2021

November 15, 2021 – January 31, 2022
Application deadline: September 24, 2021

January 10, 2022 – March 18, 2022
Application deadline: October 29, 2021



Ready to advance your career?

An application takes only 5–10 minutes to complete. Plus, you will be able to save it and return to finish it later.

[Apply Now](#)



investottawa.ca/xtreme-talent-accelerator



The Xtreme Talent Accelerator is made possible through the [SkillsAdvance Ontario \(SAO\) pilot project](#), with funding provided by the Government of Ontario, Ministry of Labour, Training and Skills Development.