

CASE STUDY: Tourism Toronto



Carbon60 modernizes Tourism Toronto's website with AWS - improving overall Performance, Reliability and Security

Tourism Toronto is the official destination marketing organization for Toronto's tourism industry and is a long-standing customer of Carbon60. Officially operating as a not-for-profit agency, Tourism Toronto focuses on promoting and selling the greater Toronto region as a remarkable destination for tourists, convention delegates and business travelers.

BACKGROUND

For Toronto Tourism, the website has been the primary vehicle to market Toronto to the world, offering the first glimpse into what a destination to Toronto has to offer. Having a high performing and secure website that can scale quickly to accommodate the influx of both domestic and international visitors is mission critical.

CHALLENGE

Tourism Toronto's website started to experience performance degradation as a result of aging infrastructure. To provide the most optimal, fast and efficient user experience for visitors, they needed to replace and modernize their WordPress hosting infrastructure. The priority was to update the current version of PHP as it was reaching end-of-life; additionally, an updated version of WordPress was required. With a small team, limited resources and juggling multiple priorities, they needed an extra set of hands with expertise to help with the development and ongoing management. Tourism Toronto engaged their trusted partner, Carbon60, to help with the project.

REQUIREMENTS



High Performance



Reliability



Security



Managed Services

Carbon60 is a Select AWS Consulting Partner



Select
Consulting
Partner

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SOLUTION

Carbon60 recommended replacing the current hosting solution and build a new WordPress hosting infrastructure for Tourism Toronto's website on the Amazon Web Services (AWS) cloud. AWS was chosen because of its scalable, reliable, and secure global computing infrastructure.

This solution proposed addressed Tourism Toronto's requirements to have a modern hosting infrastructure that was secure and reliable with the most up to date software versions to support new development for the website. All the necessary integration with Carbon60's monitoring systems and tools was added to support the on-going management and monitoring of the hosting infrastructure and related services by their 24x7 service desk and backed by their engineering and DevOps teams for the duration of the initiative.

The engagement commenced with Carbon60 building a docker-based dev environment to first test the application with Customer. Carbon60 proceeded to build out and test the CI/CD release pipeline. Once this was accepted by the Customer, Carbon60 proceeded to design and deploy the remaining components of the Production, Staging and Development environments.

The full scope of the engagement included:

- ✓ Provisioning the infrastructure on AWS
- ✓ Backup and restore (automation)
- ✓ 24/7/365 monitoring & response
- ✓ Amazon Simple Storage Service (S3) durable storage
- ✓ Deployment and management of the infrastructure
- ✓ Amazon CloudFront CDN to optimize the visitor experience
- ✓ Architectural planning
- ✓ Cost management guidance and optimization
- ✓ Ongoing management of the AWS Account

RESULTS

Running the Tourism Toronto website on AWS combined with Carbon60's white-glove support has resulted a resilient, secure and high performing website. They now can easily scale to support increasing traffic whenever necessary providing a fast and efficient user experience.

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Carbon60 is a part of our team and an essential, trusted partner. Carbon60 is invested in our success, demonstrated in every assignment and project – big or small. Each interaction is handled with care, knowledge, efficiency and outstanding communication skills.

Paula Port, Director, Brand Content | Tourism Toronto

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ABOUT CARBON60

Carbon60 is a managed cloud services provider for mid-market and enterprise customers with business-critical workloads. We deliver secure and scalable cloud solutions using the leading public clouds and our own cloud platforms in Canada, UK, and US. Our 24x7 SOC2 compliant managed services include server management, optimization, backups and disaster recovery, and a robust security portfolio to protect your IT environment.

Contact us to find out more about our solutions and how Carbon60 can help with your cloud journey.