SUCCESS STORY

CUSTOMER: Welcome Pack Canada
WEB SITE: www.welcomepackcanada.com
LOCATION: Canada, Markham, Ontario
INDUSTRY: Internet
OFFERING: AWS

COMPANY PROFILE

The customer works together with Canada’s leading brands and newcomer services centers in Ontario to extend a memorable and value-driven welcome to new Canadian immigrants.
IT LANDSCAPE

Workloads:
- Website on WordPress & Portal on Apache Tomcat: Running in single EC2
- WAF for Web Production
- ELB to Route Web Traffic
- SES for Mail Exchange

CONTEXT

- Canada based company had issues such as lack of agility and scalability with their website.
- Problem with one service affecting other service running on same instance.

CHALLENGES

- Resource Management – Allocating VM disk to multiple containers on single VM.
- Traffic Routing – Configured ALB target group to define pattern for routing traffic.
- Deployment – Blue-Green deployment using Route53.

SOLUTION

- Re-architected applications running in AWS cloud to Micro-services, using Docker and EC2 container services.
- ECS repository to store Docker images.
- EFS path defined in user data to automatically mount EFS on the new container.
- CloudFront CDN for geographically distributed customers.

ADVANTAGES

- HA and Auto-scaling of independent containers.
- Scalable and managed storage service – EFS.
- EFS path defined in user data to automatically mount EFS on the new container.
- CloudFront CDN for geographically distributed customers.
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