

# AUSTRALIAN ELECTORAL COMMISSION MOVE TO THE CLOUD WITH WEB HOSTING SOLUTION

Amazon Web Services – Cloud Web Application Hosting, Proprietary Web Portal and SMS Managed Services.



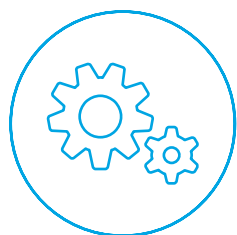
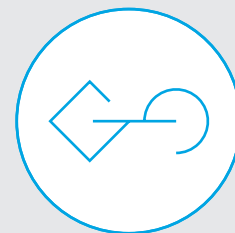
## INTERRUPTIONS DURING TESTING

The AEC's previous Web hosting platform relied on a live production environment to execute capacity and penetration testing during pre-defined testing cycles before a Federal electoral event. As a result of this architecture, public facing web services were interrupted whilst testing was executed.

## REQUIREMENT FOR CHANGE

The AEC required a cost efficient, secure, high performance, and highly available cloud based Web Hosting Solution to deliver the AEC suite of websites, applications, and services to the public via the Internet.

They also required a Managed Services provider to manage the solution, to ensure the AEC could perform its functions and accountabilities in accordance with best practice, and within full compliance of all Laws and relevant Australian Government policies – during and between large federal electoral events.



## AVOIDING INTERRUPTION DURING DEVELOPMENT WITH AWS

In order to avoid public disruption to AEC services, SMS designed and built new production, pre-production, development, and management domains, along with a proprietary self-service web portal. The portal permits the AEC to develop, test and deploy applications and web content without interrupting public facing online BAU services.

SMS utilised a combination of static and elastic infrastructure, in conjunction with hardening technologies, to ensure the AEC's internet enabled solution is functionally secure and meets their unique needs and obligations to the Australian public.

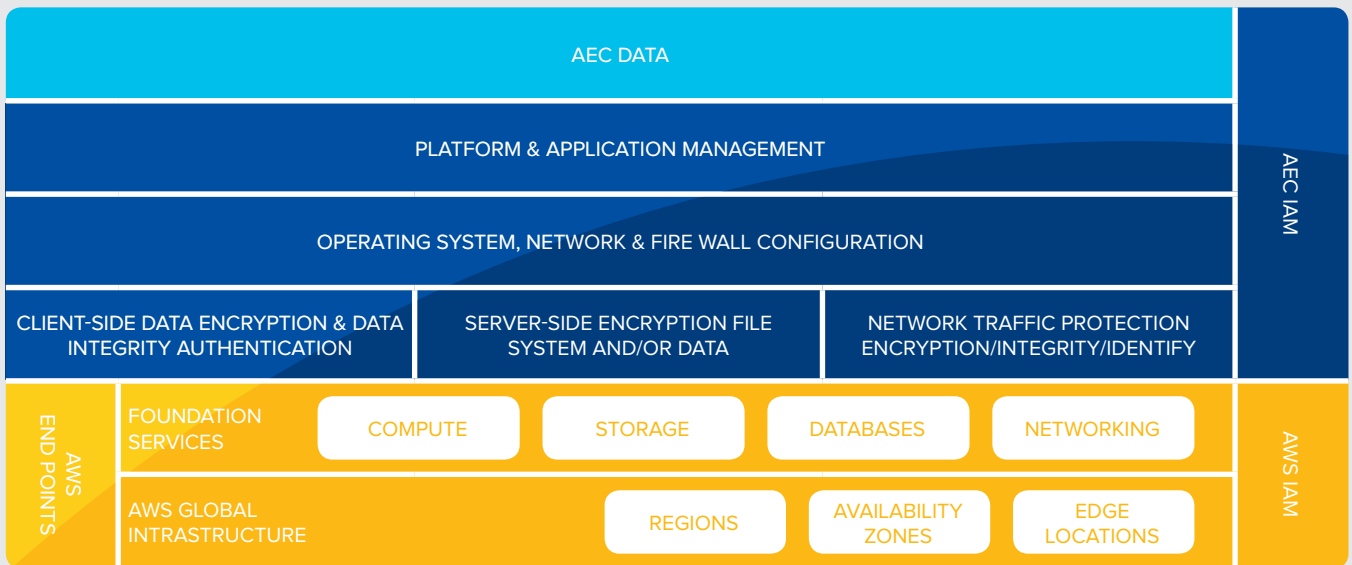
The solution is comprised of **3 key components**:

- + Supporting Infrastructure
- + Dynamic Application Stacks
- + Self-Service Portal



## MANAGING ONLINE APPS

The AEC now has a functioning web portal with which to manage their 21 online web applications. The solution is now capable of supporting significantly amplified levels of throughput which is anticipated to grow substantially as we move deeper into the digital age and as the Australian government and citizens move toward more user friendly and efficient online digital solutions.



MANAGED BY AEC



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### ABOUT SMS

A leader in advisory, solutions and managed services, SMS cultivates innovation, digital, mobile and design-led business and technology capability to empower organisations across all industry sectors. With over 1600 staff across Asia Pacific, SMS promotes and delivers next-generation customer-centric outcomes for their clients.