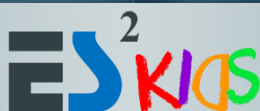


Cloud Services Catalogue 2019



ES2 Pty. Ltd. ■ "The Factory" 69 King St. Perth WA 6000 ■ ABN: 57 163 419 136 ■ www.es2.com.au
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About Us

Our Company

Established in 2013, ES2 is a dynamic Australian based service provider with its Head Office in Perth, and national offices in Brisbane and Melbourne. ES2 specialises in Enterprise Security, Solutions and Cloud Services. Our mission is to be a trusted advisor of business centric services and solutions.

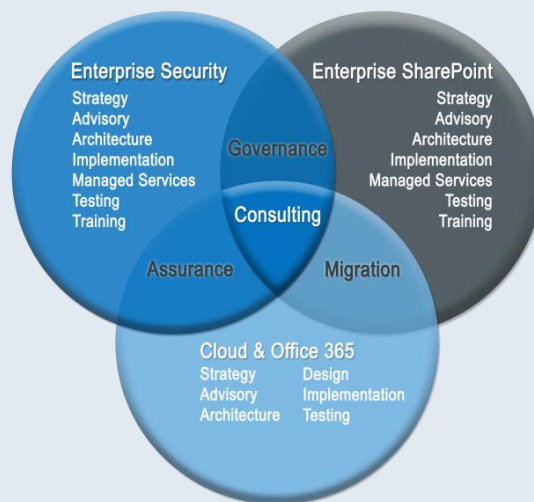
Our guiding principle is to become our client's trusted advisor as well as being their preferred provider of solutions and services.

Our proactive and flexible delivery approach has generated a loyal client based within the public and private sectors, where service is paramount and the 'Client is King'.

We are your trusted advisor!

Our Values

ES2 values define us as a company and how we deliver our services.



The

Way

Accountable

We are transparent



Driven

We deliver the right outcomes for our clients



Trusted

We are your Trusted Advisor



sales@es2.com.au



0488 701 591



0403 256 870



www.es2.com.au

Our Capabilities

ES2

Enterprise Security
Enterprise Solutions
Network & Infrastructure
Cloud & Data Centre
Consulting



ES2 People

Permanent
Temporary
Contract
Staff Augmentation



ES2 Managed Services

Enterprise Security
Enterprise Solutions
Network & Infrastructure
Cloud & Data Centre
Service Desk



ES2 Kids

Cyber Awareness for
Kids by Kids



ES2 Incident Response

24x7x365



ES2 Products and Licensing



Our Approach

Our Approach

ES2 take an agile approach to cloud engagements to ensure that our client gets appropriate value at each step of the way, as we build and develop towards your goals.

This approach involves short and concise interviews with stakeholders, to understand the needs of your business and capture relevant information, and aims to whittle requirements down to the first and most important deliverable for the project.

Ongoing collaborations and face-to-face interactions between the members of any cross-functional teams encourages feedback during the process from the end user, in order to ensure the right continuous iterations are implemented and any changes in direction or priority are taken into account.

In order to address all requirements, we recommend the following:

Engagement Initiation

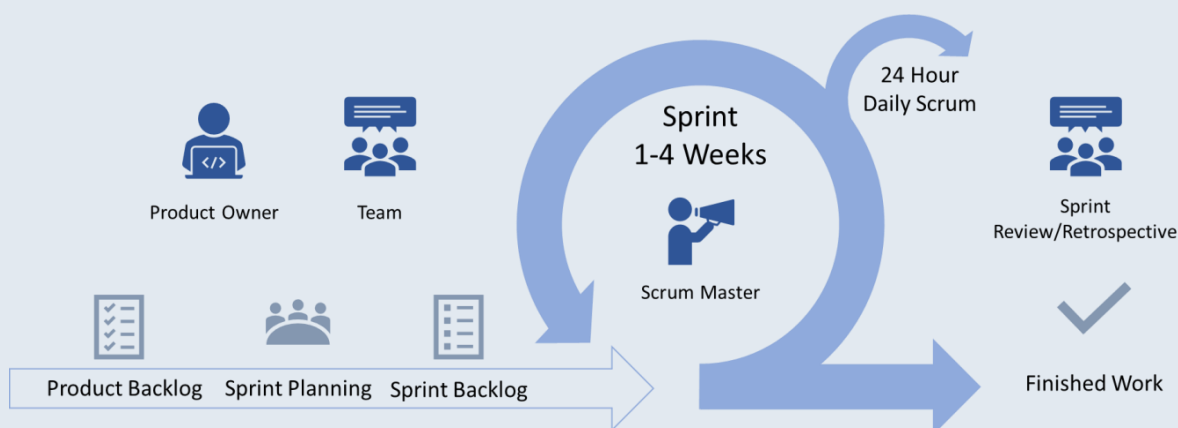
- Identification of the Product Owner.
- Interviews with stakeholders.
- Requirements gathering.
- Identification of initial deliverable.
- Identification of team members.

Engagement Execution

ES2 will structure cloud engagements in accordance with agile principles. Projects will be broken into Stages, Increments and Sprints, a short, defined time period that works through a pre-agreed backlog of bite sized work

Daily, brief stand ups will be performed to ensure communication is flowing and the sprint backlog is on track for finished work.

When the project wraps up, detailed handover documentation will be provided including any operational guidelines that are required. The Project will then be reviewed and celebrated.



Our Cloud Services Offerings

Offering	Value
AWS Cost Optimisation Review	No Charge
AWS Secure Landing Zone	From \$10,000 Fixed Fee
AWS Security Health Check	\$7,000 Fixed Fee
AWS Well-Architected Review	\$10,000 Fixed Fee
Cloud Security Assessment	\$8,400 Fixed Fee
Cloud Strategy	\$10,000 Fixed Fee
Secure Website Managed Service	From \$20,000 Migration Fee



OFFERING

AWS Cost Optimisation Review

Why an AWS Cost Optimisation Review?

AWS is unlike any other vendor you've worked with. They encourage you as a customer to reduce your spend, but often you're unsure how to best achieve this.

Cost optimisation can be challenging in traditional on premises solutions because you must predict future capacity and business needs while navigating complex procurement processes. The cloud solves these challenges but requires some understanding and changes in approach.

Benefits

By adopting the practices in this review, you'll be able to build architectures where you can do the following:

- Ensure that your usage and costs move in line with demand.
- Use appropriate services and resource types to minimise costs.
- Analyse and attribute costs.
- Reduce costs over time.

Approach

AWS has many mechanisms to reduce the cost of your deployments. In addition, prices have been lowered more than 70 times since 2006 across the portfolio of services.

Based on the AWS Well-Architected Framework Cost Optimisation Pillar and working closely with AWS to review your costs, the review will provide all the insights you need to lower your AWS bill.

Whatever the driver, be it cost, capital avoidance, endless infrastructure refreshes and upgrades, or the flexibility the cloud offers, keeping control of your AWS costs through our experience is a key aspect of driving additional value through the cloud.

Fee

There is no fee for an AWS Cost Optimisation Review.

Services

The AWS Cost Optimisation Review is delivered under an agile framework.

Areas covered:

- Appropriate provisioning.
- Right sizing.
- Purchasing options: On Demand Instances, Spot Instances, and Reserved Instances.
- Architectural best practices.
- Managed AWS services.

Deliverables

- Cost Optimisation report.
- Options for right sizing.
- Recommendations for any alternative instance price changes.
- Recommended architectural changes and principles.
- Options for using services instead of servers.



OFFERING

AWS Secure Landing Zone

Why AWS Secure Landing Zone?

AWS Secure Landing Zone is a solution that will quickly set up a secure, multi-account AWS environment based on AWS best practices.

Setting up a secure environment can take a significant amount of time, involve the configuration of multiple accounts and services, and require a deep understanding of AWS and the outcome of choices you might make along the way.

Benefits

This solution can help save time by automating the set-up of an environment for running secure and scalable workloads while implementing an initial security baseline through the creation of core accounts and resources.

Approach

The Secure Landing Zone will take you through the information gathering steps and establish the following AWS accounts:

- AWS Organisation account.
- Shared Services account.
- Log Archive account.
- Security account.

Once established, the AWS Secure Landing Zone will serve as the secure foundation for your organisation to begin or accelerate your journey to the AWS cloud.

Additional Options Price on Application:

- Migration from legacy AWS account structures.
- Establishment of connectivity via VPN or Direct Connect.
- Establishment of a cloud-based Microsoft Active Directory.
- First workload deployment.

Fee

AWS Single Sign-On (SSO) Directory

Fee: \$10,000 Fixed Fee

Connected to Microsoft Active Directory

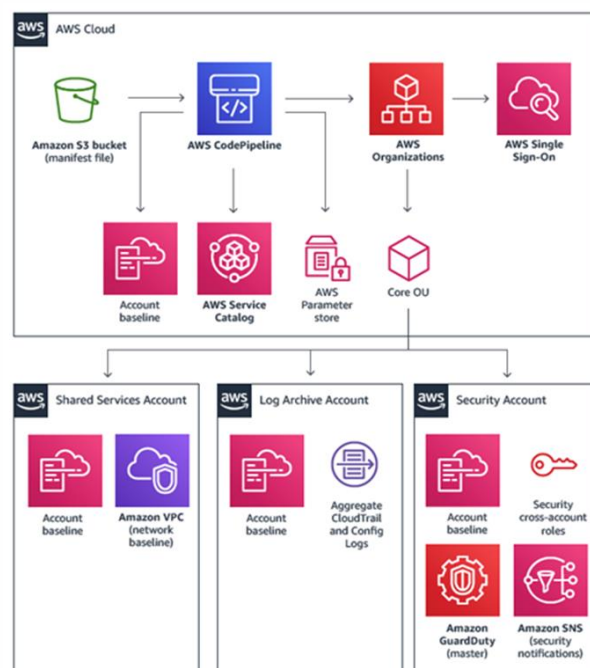
Fee: \$14,000 Fixed Fee

Services

The AWS Secure Landing Zone is delivered under an agile framework.

Deliverables

- Instantiation of the secure AWS Landing Zone across the AWS Organisation, Shared Services, Log Archive and Security accounts.
- Account Vending Machine (AVM) via the AWS Service Catalogue.
- Amazon CloudWatch alarms and event notifications.
- Connectivity to a Directory service.
- As built documentation & handover enablement.



OFFERING

AWS Security Health Check

Why an AWS Security Health Check?

Whilst the cloud can offer significant security benefits, it all hinges on your ability to correctly understand and implement the best practices that are available to you.

Benefits

The AWS Security Health Check will baseline your deployment against AWS security best practices from the Well-Architected Framework, and provide a report detailing the findings.

Approach

The report will expand on the AWS Shared Responsibility Model, and highlight any gaps where AWS technology should be implemented, as well as the customer's responsibility.

The report will cover identity and access management, logging and auditing, infrastructure protection, data protection, incident response Shared Services account.

In addition, the report will rate the security of your AWS environment via a prioritised scale by impact and recommend steps for remediation and enhancement, along with a plan to rectify based on your ability to fix internally or with help from ES2.

The report is also your pathway to understanding automated security enforcement mechanisms (DevSecOps), that improve your ability to securely scale more rapidly and cost effectively.

Additional Options Price on Application:

- Remediation of issues identified in the AWS Security Health Check report.
- Review of aligning security practices with non-cloud or non-AWS services, i.e. Active Directory.
- Review of networking security in hybrid environments.
- Upgrade of report to align with specific security and compliance requirements, i.e. APRA regulation.
- Pathway to security automation with DevSecOps.

Fee

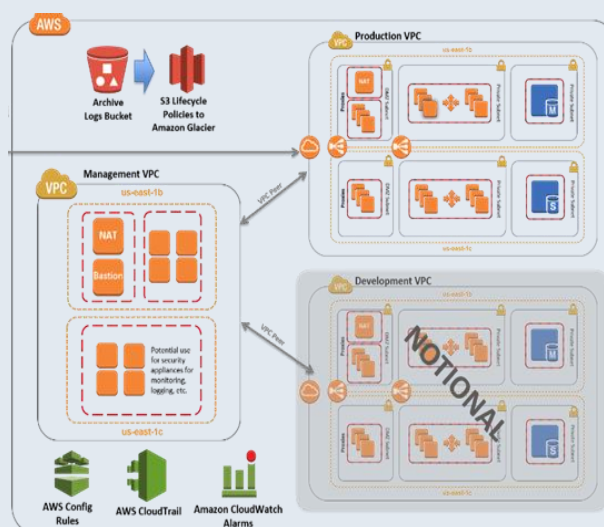
We are promoting our AWS Security Health Check offering at the reduced fixed fee of **\$7,000**.

Services

The AWS Security Health Check is delivered under an agile framework.

Deliverables

- Comprehensive report to describe your AWS deployment in security terms.
- Details of best practices and gaps including importance ranking.
- Steps for remediation and enhancement with benefits vs. effort.
- Other considerations.



OFFERING

AWS Well-Architected Assessment

Why an AWS Well-Architected Assessment?

Whilst the cloud can offer significant business and technical benefits, it all hinges on your ability to correctly understand and implement the best practices that are available to you.

Benefits

The AWS Well-Architected Assessment will baseline your deployment against best practices from the AWS Well-Architected Framework, and provide a report detailing the findings along with remediation steps as needed to bring into alignment.

Approach

The assessment leverages not just the AWS tooling, but the extensive experience of the ES2 team in designing and implementing AWS solutions for our customers.

The report considers and comments on the ability:

- To run and monitor systems to deliver business value and to continually improve supporting processes and procedures.
- To protect information, systems, and assets while delivering business value through risk assessments and mitigation strategies.
- Of a system to recover from infrastructure or service disruptions, dynamically acquire computing resources to meet demand, and mitigate disruptions such as misconfigurations or transient network issues.
- To use computing resources efficiently to meet system requirements, and to maintain that efficiency as demand changes and technologies evolve.
- To run systems to deliver business value at the lowest price point.

Fee

We are promoting our AWS Well-Architected Assessment offering at the reduced fixed price engagement fee of **\$10,000**.

Services

The AWS Well-Architected Assessment is delivered under an agile framework.

Deliverables

- Comprehensive report to describe your AWS deployment in terms of:
 - Operational Excellence.
 - Security.
 - Reliability.
 - Performance Efficiency.
 - Cost Optimisation.
- Details of best practices and gaps including importance ranking.
- Steps for remediation and enhancement with benefits vs. effort.
- Other considerations.



OFFERING

Cloud Security Assessment

Why Cloud Security Assessment?



Cloud Applications are increasingly used by businesses as enablers, these decisions typically occur without Security Team involvement, it is imperative that businesses are able to do this securely.

Risk mitigation is difficult where the threat is not fully understood. ES2 will aid in the identification of cloud threats occurring through the use of 'Shadow IT'.

ES2 consultants work collaboratively with business and IT stakeholders to establish a full picture of current cloud usage including the use of the many Office 365 components.

Benefits

Our Cloud Security Assessment gives you the big picture view of your organisations cloud usage, allowing risk to be calculated and mitigated at an accurate and effective level.

ES2 designs and tailors this whole of business assessment engagement to fit the way that your organisation operates and to incorporate your risk appetite and your specified cloud security policy requirements.

Approach

Through a series of business wide interviews and workshops our consultants will collate information regarding the use of cloud services. This process will also identify relevant risk processes, policies and the organisational risk appetite.

This information will be analysed using information from many other sources including publicly available sources, those maintained by ES2 through prolonged business relationships and those gained through our extensive experience in the field of cyber security.

Fee

We are promoting our Cloud Security Assessment offering at the reduced fixed fee of **\$8,400**.



Services

This is a collaborative engagement which relies on the availability of internal stakeholders from IT and from business departments.

Findings will be assessed using your risk assessment methodologies and taking into consideration your risk tolerances.

Assessment will be made against your policy requirements or best practice to best meet your organisation's needs.

Services will be delivered by ES2's experienced and certified information security professionals.

Deliverables

The ES2 Cloud Security Assessment results in the production of a detailed report as follows:

- Executive Summary suitable for not technical management
- Introduction defining the approach to the engagement
- Detailed findings
- Detailed and prioritised recommendations to reduce risk



OFFERING

Cloud Strategy

Why a Cloud Strategy?

Many organisations get stuck in analysis paralysis. You know that the cloud is looming large, but don't know where to sensibly and strategically start in order to build to your end goal.

Benefits

The ES2 Cloud Strategy is built through the combined experience of our most senior staff, to distil that knowledge into a deliverable tailored for your specific business needs.

Approach

Based on the AWS Cloud Adoption Framework, and other industry insights gleaned from years of leadership experience, the Cloud Strategy offering will:

- Give a broad, strategic appraisal of all aspects of cloud potential from applications to infrastructure.
- Conduct interviews with key stakeholders to support vision and outcomes.

These outcomes are delivered via:

- A review of your current state against strategic goals.
- An assessment of value against current cost and operating models.
- A recommendation of your future state and prioritised steps to get there.

Whatever the driver, be it cost, capital avoidance, endless infrastructure refreshes and upgrades, or the flexibility the cloud offers, setting the strategy through our experience is a key first step for your organisation to begin or accelerate your journey to the cloud.

Fee

We are promoting our Cloud Strategy offering at the reduced fixed fee of **\$10,000**.

Services

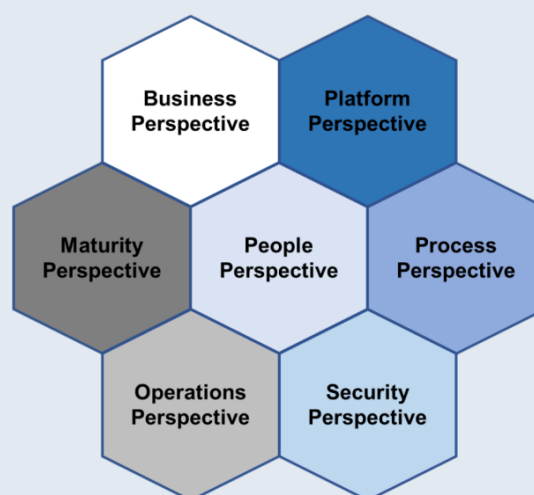
The Cloud Strategy engagement is delivered under an agile framework.

Areas covered:

- Business.
- Platform.
- Process.
- People.
- Maturity.
- Security.
- Operations.

Deliverables

- Details of the present strategy.
- Gap analysis of current vs. future direction.
- Business priority listing.
- Operational model review.
- Quick wins.
- Next steps.



OFFERING

Secure Website Hosting

Why Secure Website Hosting?

Many organisations still run websites and internet facing applications on premises. With the mainstream uptake of cloud services, the natural starting place for adoption is with these applications.

Benefits

The ES2 heritage and pedigree in security and managed services gives you all the cloud advantages with surety that your website or application will be hosted and the platform managed as securely as possible.

Approach

The engagement will begin with an in-depth review of your current website deployment and a design for how best to implement this solution on AWS.

Using an agile approach, the new environment will be built, load and pen tested before any production cutover occurs.

Ongoing security monitoring will occur using all the extensive security capabilities offered by AWS.

Additional managed services that can be layered on top:

- Operating System maintenance.
- Managed backups.
- Application management and support.
- Application development services.

Whatever the driver, be it cost, capital avoidance, endless infrastructure refreshes and upgrades, or the flexibility the cloud offers, hosting your website on AWS with the security management that ES2 offers is the right choice.

Fee

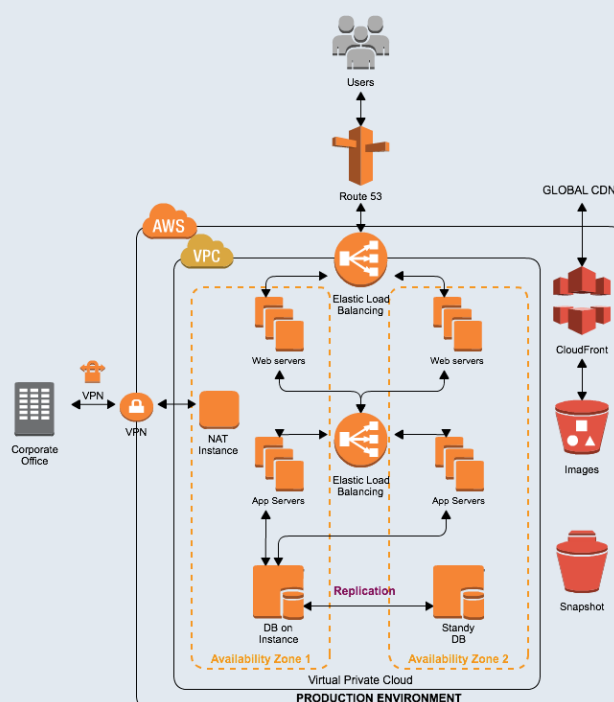
We are promoting our Secure Website Hosting offering at the reduced fixed price migration fee of **\$20,000**. Plus, monthly ongoing cost (to be determined).

Services

The Secure Website Hosting is delivered under an agile framework.

Deliverables

- Comprehensive design.
- Stringent project management to ensure maximum continuity.
- Secure hosting of your website on AWS.
- Ongoing security monitoring.
- Pass-through billing of the AWS costs (no uplift).
- Options for additional services.



Vendors



Incident Response Services



1800 373 732
(1800 ES2 SEC)



24x7 Incident
Response Hotline

Open discussions
to establish
situation

Incident analysed

Logs and malware
analysed

Remediation
recommendations

Post-incident
Reporting



INCIDENT
RESPONSE



ES2 Kids

By Kids For Kids

ES2 Kids is a Not-for-Profit Foundation that assists in bridging the gap of Cyber Security Awareness for kids from Kindergarten to Year 12, with a focus on primary school aged students. ES2 Kids' focus is to facilitate Cyber Security Awareness to the Private and Government sectors, and to kids and their parents.

The Foundation was founded to open up conversations with kids around issues such as cyber bullying, digital footprints etc and the risks surrounding the potential impact these issues can make on their lives and potential future. While there are similar initiatives in Australia, the ES2 Kids model is delivered "By Kids for Kids" with kids of similar age facilitating the conversation and providing advice, as opposed to being delivered by adults, parents, teachers or organisations etc, making the message and issues relatable to kids.

Additionally, ES2 Kids is fully supported by ES2, the largest Cyber Security Service Provider in WA, with national offices around Australia, adding to the credibility of the ES2 Kids message.



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Web Site: www.es2.com.au

Address: Level 1, 26 King St, Perth WA
6000

Fees and details may be subject to change, please be sure to contact ES2 directly for the latest information to match your query.

