AWS - Ecosystem Partners
AWS Data Analytics and Machine Learning

Australia 2021
Quadrant Report

A research report comparing provider strengths, challenges and competitive differentiators

Customized report courtesy of: Wipro

December 2021
About this Report

Information Services Group Inc. is solely responsible for the content of this report. Unless otherwise cited, all content, including illustrations, research, conclusions, assertions and positions contained in this report were developed by, and are the sole property of Information Services Group Inc.

The research and analysis presented in this report includes research from the ISG Provider Lens™ program, ongoing ISG Research programs, interviews with ISG advisors, briefings with services providers and analysis of publicly available market information from multiple sources. The data collected for this report represents information that ISG believes to be current as of September 2021, for providers who actively participated as well as for providers who did not. ISG recognizes that many mergers and acquisitions have taken place since that time, but those changes are not reflected in this report.

All revenue references are in U.S. dollars ($US) unless noted.

The lead author for this report is Craig Baty. The editors are Ipshita Sengupta and John Burnell. The research analyst is Srinivasan PN and the data analyst is Sachitha Kamath.
AWS Services Ecosystem in Australia Continues to Grow

Since the outbreak of the COVID-19 pandemic in 2020, there has been a dramatic increase in the range and pace of enterprise spending on cloud-based IT. Massive disruption in the allocations and locations of workforces and resources, in supplier and customer relationships and communication, as well as business planning and operations, have accelerated digital transformation worldwide.

The global scale of cloud adoption has accelerated significantly. This, in turn is helping to boost the resource utilisation of hyperscalers such as Amazon Web Services (AWS) to levels beyond previous expectations. Innovative IT service providers are adjusting, by extending and promoting their services and capabilities to build on this trend.

Initial digital transformation is rapidly morphing into unified Everything as a Service (XaaS), and service providers building with AWS are reaping the benefits. Providers report significant business challenges as they themselves adapt to widespread work-from-anywhere practices, and an increasing amount of client work is being done remotely. AWS has been making huge investments in tools to enable new capabilities and services beyond its traditional platform position. It is also spending heavily on partnerships with service providers.

The effects on services providers partnered with AWS are summarized below.

AWS Managed Services: The role and value of managed service providers (MSPs) have been rapidly expanding into areas traditionally referred to as systems integration. The impact of COVID-19 on cloud adoption and integration requirements has pushed MSPs farther into the traditional role of a system integrator. In response, MSPs are investing in more skills, expanding their roles with AWS, and acquiring more technology and tools providers.

AWS SAP Migration and Implementation Services: SAP is the major enterprise app modernization and migration service provider. It is pushing customers to move to cloud-based versions of its software by announcing cutoff dates for the support of the on-premises versions within the next few years. This has helped catalyse some of the business app modernisation and data discovery trend, which is leading to increased need for better analytics and MSP capabilities. Meanwhile, the larger trend towards enterprise-scale, cloud-based Software as a Service (SaaS) is driving more enterprises to outsource the ongoing management of their SAP applications and environments.

AWS Data Analytics and Machine Learning Services: Work-from-anywhere environments are now the catalyst for increased enterprise data discovery. Business leaders are focussing more on what data exists across all aspects of an enterprise,
rather than in specific functional areas. The scope and affordability of a growing range of IoT capabilities are adding to this. The result is accelerating interest and investment in analytics within business operations, especially including the use of machine learning. An increasing number of enterprises now see the benefits of using machine learning and AI within business applications to process and gain insights from the massive volume of available data, quickly and effectively.

**AWS IoT Services:** Interest and investment in IoT had been growing rapidly in the past five years, even before the outbreak of COVID-19. There have been growing capabilities to improve and manage productivity, processes, devices and environments. However, work-from-anywhere realities are now broadening and accelerating enterprise IoT investments. Work-from-anywhere functionality significantly expands the scope of devices connected to enterprise systems beyond traditional industrial sensors and data. A growing range of devices and data types, and more connections, is stimulating increased investments in edge computing, networking, security, application programming interfaces (APIs) and data analytics.

**AWS Migration Services:** With the growth of digital business, many enterprises with major applications are not able to adapt quickly to changed business environments. This has triggered a global move towards rationalising and modernising traditional business software environments. COVID-19 catalysed this transformation, with many enterprises moving most of their applications into AWS and other hyperscaler platforms. The ubiquity of affordable and adaptable container technologies such as Kubernetes and Docker has further accelerated interest and investment by enterprises and services providers.

**AWS Consulting Services:** Most IT service providers have already started to move beyond digital enablement and initial operational improvements to provide clients with more refined digital business strategies. The primary focus for most engagements has shifted from cost reduction to improved business outcomes. This is leading to more consultative approaches by providers, which, in turn, is driving more client interest in change management and design thinking that closely ties cloud IT investment with business impacts. DevOps has become a core component of providers’ portfolios, especially as clients investigate the benefits of cloud-native development and infrastructure-as-code (IaC).
Amazon Web Services (AWS) continues to grow its presence and influence as a global provider of IT-as-a-service. As a result, its AWS Partner Network (APN) is expanding significantly, as providers of technologies and services leverage AWS to develop and deliver an expanding array of enterprise IT and business services. Primarily, AWS certified partners help customers find strategies for fast, secure and sustainable public cloud solution deployments. Ecosystem partners address all types of customer queries related to architecture, implementation, migration, and professional operation of XaaS solutions based on AWS infrastructures and platforms.

Source: ISG 2021
Definition (cont.)

ISG reports strong demand for digital transformation engagements, which, in turn, is driving global contracts for cloud products and services, including those for infrastructure-as-a-service (IaaS) and platform-as-a-service (PaaS). According to the 1Q21 ISG Index™, the global market has grown 11 percent in combined market annual contract value (ACV) to reach its current value of $17.1 billion year-over-year, while the as-a-service ACV has increased by 17.2 percent to reach $9.9 billion during the same period. Concurrently, the IaaS market grew by 18 percent to reach $7.2 billion, while the SaaS market grew by 7 percent to reach $2.7 billion.

The ISG Provider Lens AWS Ecosystem Partners 2021 study analyzes the AWS partner landscape in Australia, Brazil, Germany and the U.S. in terms of their portfolio attractiveness and competitive strength in each market. ISG consultants and user clients can use this information to evaluate current supplier relationships and the potential for establishing new relationships, with objective insights.
Provider Classifications

The provider position reflects the suitability of IT providers for a defined market segment (quadrant). Without further additions, the position always applies to all company sizes classes and industries. In case the IT service requirements from enterprise customers differ and the spectrum of IT providers operating in the local market is sufficiently wide, a further differentiation of the IT providers by performance is made according to the target group for products and services. In doing so, ISG either considers the industry requirements or the number of employees, as well as the corporate structures of customers and positions IT providers according to their focus area. As a result, ISG differentiates them, if necessary, into two client target groups that are defined as follows:

- **Midmarket**: Companies with 100 to 4,999 employees or revenues between US$20 million and US$999 million with central headquarters in the respective country, usually privately owned.
- **Large Accounts**: Multinational companies with 5,000 or more employees or revenue above US$1 billion, with activities worldwide and globally distributed decision-making structures.
Provider Classifications

The ISG Provider Lens™ quadrants are created using an evaluation matrix containing four segments (Leader, Product & Market Challenger and Contender), and the providers are positioned accordingly.

**Leader**
Leaders have a comprehensive product and service offering, a strong market presence and established competitive position. The product portfolios and competitive strategies of Leaders are strongly positioned to win business in the markets covered by the study. The Leaders also represent innovative strength and competitive stability.

**Product Challenger**
Product Challengers offer a product and service portfolio that reflect excellent service and technology stacks. These providers and vendors deliver an unmatched broad and deep range of capabilities. They show evidence of investing to enhance their market presence and competitive strengths.

**Market Challenger**
Market Challengers have a strong presence in the market and offer a significant edge over other vendors and providers based on competitive strength. Often, Market Challengers are the established and well-known vendors in the regions or vertical markets covered in the study.

**Contender**
Contenders offer services and products meeting the evaluation criteria that qualifies them to be included in the IPL quadrant. These promising service providers or vendors show evidence of rapidly investing in products/services and follow sensible market approach with a goal of becoming a Product or Market Challenger within 12 to 18 months.
Provider Classifications (cont.)

Each ISG Provider Lens™ quadrant may include a service provider(s) which ISG believes has strong potential to move into the Leader quadrant. This type of provider can be classified as a Rising Star. Number of providers in each quadrant: ISG rates and positions the most relevant providers according to the scope of the report for each quadrant and limits the maximum of providers per quadrant to 25 (exceptions are possible).

Rising Star

Rising Stars have promising portfolios or the market experience to become a Leader, including the required roadmap and adequate focus on key market trends and customer requirements. Rising Stars also have excellent management and understanding of the local market in the studied region. These vendors and service providers give evidence of significant progress toward their goals in the last 12 months. ISG expects Rising Stars to reach the Leader quadrant within the next 12 to 24 months if they continue their delivery of above-average market impact and strength of innovation.

Not In

The service provider or vendor was not included in this quadrant. Among the possible reasons for this designation: ISG could not obtain enough information to position the company; the company does not provide the relevant service or solution as defined for each quadrant of a study; or the company did not meet the eligibility criteria for the study quadrant. Omission from the quadrant does not imply that the service provider or vendor does not offer or plan to offer this service or solution.
## AWS - Ecosystem Partners - Quadrant Provider Listing 1 of 3

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AWS - Ecosystem Partners Quadrants
ENTERPRISE CONTEXT

AWS Data Analytics and Machine Learning

This report is relevant to enterprises across industries in Australia for evaluating providers of data analytics and machine learning services. In this quadrant report, ISG highlights the current market positioning of providers in Australia and how they can address the key challenges of enterprises.

Digital transformation of enterprises has led to the creation of large volumes of data. Enterprises have been keen on processing the data to derive business insights to offer a seamless experience to their respective customers. This has led to the adoption of advanced data analytics in a serverless architecture that further allows scalability and maintainability of data powered transformation.

Enterprises are focused on partnering with providers with exemplary capabilities, talented professionals and a strong partner network.

Who should read the report:

IT leaders should read this report to better understand the relative strengths and weaknesses of the data analytics and machine learning service providers that would help them lead the digital transformation drive in their enterprises.

Sourcing, procurement and vendor management professionals should read this report to develop a better understanding of the current landscape of providers of data analytics and machine learning in Australia.

Analytics leaders should read this report to understand the positioning of data analytics and machine learning service providers, learn how the providers’ offerings can impact an enterprise’s ongoing transformation initiatives and identify the benefits of moving to the cloud.
This quadrant includes providers of two increasingly intertwined sets of IT capabilities – the ability to collect and analyze a widening array of data types and amounts and machine learning (ML) capabilities that enable faster and more efficient analysis of various types of data within and across a growing range of systems and applications. Providers in this group must demonstrate capabilities and experience in data science (including big data and advanced analytics), database and solution architecture, machine learning and related AI development and implementation, software development, networking and data privacy and security. Most providers use an adaptive portfolio of tools and technologies to develop and deliver solutions.
Eligibility Criteria

- Scope and use of relevant tools and technologies (e.g., Hadoop, NoSQL, Spark, MXNet and TensorFlow)
- Service/solution integration capabilities and offerings
- Scope and availability of enabling programs for customer success (e.g., planning workshops and training)
- Availability, experience and certification of analytics, data science and machine learning experts
- AWS-focused offering roadmap and innovations (current and planned)
- Number and reputation of references with regard to machine learning and analytics services and solutions on AWS
- Suitability, maturity and adaptability of pricing model - go-to-market strategy
- Breadth and depth of partner/channel relationships, number and locations of staff

Observations

The expanding and accelerating digital transformation of enterprises – including changes stemming from the COVID-19 pandemic, have made enterprises more aware of the vast scope of business data they can access. Recent business disruptions have further underscored the need for finding and effectively using such data. As a result, there is an increasing number of enterprises seeking and implementing advanced data analytics capabilities, including the use of machine learning to improve data accumulation. Due to the widescale shortage of skilled personnel, enterprises are increasingly turning to service providers that can develop, adapt, scale and manage these capabilities for a variety of business requirements. The AWS platform is an ideal platform for this, and the AWS partner network includes a growing list of providers with strong capabilities.

Of the 21 providers in Australia in this quadrant, seven are Leaders and one is a Rising Star:

- **Accenture** is a leading, global professional services company that provides end-to-end cloud solutions on the AWS platform. It has a highly capable and growing data-centric and analytics practice on AWS.
- **Deloitte** is one of the largest professional services firms in the world and a leader in digital transformation strategy. Leveraging AWS’s scalable cloud platform, Deloitte offers strong data analytics capabilities to maximise value for clients.
Observations (cont.)

- **Infosys** provides business consulting, information technology and outsourcing services, encompassing big data and cloud computing. It offers innovative data analytics and cloud functionalities and a next-generation cloud centre of excellence.

- **Intellify** is an Australian IT provider that delivers machine learning and data analytics solutions.

- **TCS** is a global IT services, consulting and business solutions company, headquartered in India. It has a comprehensive range of business and technology data analytics offerings.

- **Versent** is an Australia-based provider of transformation services for enterprises. It has a highly adaptable and innovative data analytics platform and facilitates fast implementations of data and insights platforms, utilising its AWS frameworks.

- **Wipro** is a leading global IT, consulting and business process services provider, headquartered in India. It has a comprehensive data analytics and machine learning offering and an innovative Insights-as-a-Service offering.

- **Slalom** (Rising Star) is a U.S.-based consulting firm focussed on strategy, technology and business transformation. It has a strong culture of innovation with a modern approach to IT services and an expanding practice in Australia.
Wipro, headquartered in India, is a leading global IT, consulting and business process services provider. It has had a presence in Australia for more than 20 years and has over 2,700 employees, more than 50 local clients and over 800 local cloud professionals. Wipro provides AWS services across its Data & Analytics Consulting, DevOps Consulting, SAP Consulting, Migration Consulting, Financial Services Consulting & Industrial Software Consulting practices. Wipro has been Premier Consulting Partner of AWS for last seven years and a Managed Service Partner for the last five years.

**Comprehensive data analytics and machine learning offering:** With respect to AI and machine learning offerings, Wipro is a launch partner for services such as Amazon Connect and Amazon Lookout for Metrics. It is also an enablement partner for joint go-to-market strategies on Amazon Extract, Amazon Kendra and Amazon Forecast AI Services. Wipro's flagship solution, Nimbus, addresses data migration and transformation services. It consists of three parts: planning-to-migration, post-migration monitoring and cost estimation.

**Innovative Insights-as-a-Service offering:** Wipro's Insights-as-a-Service is built on the AWS cloud. It incorporates Wipro's proprietary Data Discovery Platform (DDP) that enables businesses to experiment with descriptive, diagnostic, predictive and prescriptive analytics in an as-a-service model, with the benefits of scalability and cost efficiency offered by AWS.

**Leading AWS cloud-migration credentials:** Wipro is AWS's Premier Consulting Partner for providing migration services, and is a Migration Competency and Mainframe Migration Partner and a launch partner for AWS Windows modernization and Apps2Container programs. Wipro's Cloud Migration Studio, a highly automated industrialized capability, provides an integrated cloud migration platform in a single delivery model.

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**Caution**

Data analytics, although a critical component of most of Wipro’s offerings, is rarely explicitly called out as a standalone offering. Wipro should ensure that all marketing collateral clearly identifies this capability.

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**2021 ISG Provider Lens™ Leader**

Wipro’s Insights-as-a-Service enables businesses in Australia to experiment with descriptive, diagnostic, predictive and prescriptive analytics in an as-a-service model, with the benefits of scalability and cost efficiency offered by AWS.
Methodology
THE METHODOLOGY

The research study "ISG Provider Lens™ 2021 AWS - Ecosystem Partners, Australia" analyzes the relevant software vendors/service providers in the Australia market, based on a multi-phased research and analysis process, and positions these providers based on the ISG Research methodology.

The study was divided into the following steps:

1. Definition of 2021 AWS - Ecosystem Partners, Australia market
2. Use of questionnaire-based surveys of service providers/vendor across all trend topics
3. Interactive discussions with service providers/vendors on capabilities & use cases
4. Leverage ISG's internal databases & advisor knowledge & experience (wherever applicable)
5. Detailed analysis & evaluation of services & service documentation based on the facts & figures received from providers & other sources.
6. Use of the following key evaluation criteria:
   - Strategy & vision
   - Innovation
   - Brand awareness and presence in the market
   - Sales and partner landscape
   - Breadth and depth of portfolio of services offered
   - Technology advancements
Craig Baty, Author
Distinguished Lead Analyst

Distinguished analyst and author Craig Baty has extensive research and thought leadership experience in the Asia Pacific and Japan ICT markets. Craig is Principal and Founder of DataDriven an Asia/Pacific based research and advisory firm. Craig has over 30 years of executive and board level experience in the ICT industry, including as a Group VP and Head of Gartner Research AP/J, CEO of Gartner Japan, Global VP Frost & Sullivan, and more recently as VP Global Strategy and VP Digital Services in Fujitsu Tokyo HQ. As a well know ICT commentator and analyst, Craig has written more than 200 research pieces, and presented at over 1500 events globally. He is also regularly quoted in regional media. Craig is actively involved in the ICT community as a board member of the Australian Information Industry Association (AIIA) and Immediate Vice Chair of the Australian Computer Society NSW (ACS).

Srinivasan PN, Author
Research Analyst

Srinivasan is a senior analyst at ISG and is responsible for supporting and co-authoring Provider Lens™ studies on Insurance BPO Industry, Mainframe Ecosystem, Cybersecurity Ecosystem and AWS Ecosystem. His area of expertise lies in the space of engineering services and digital transformation. Srinivasan has over 6 years of experience in the technology research industry and in his prior role, he carried out research delivery for both primary and secondary research capabilities. Srinivasan is responsible for developing content from an enterprise perspective and author the global summary report. Along with this, he supports the lead analysts in the research process and writes articles about recent market trends in the industry.
Jan Erik Aase, Editor
Partner and Global Head – ISG Provider Lens/ISG Research

Mr. Aase brings extensive experience in the implementation and research of service integration and management of both IT and business processes. With over 35 years of experience, he is highly skilled at analyzing vendor governance trends and methodologies, identifying inefficiencies in current processes, and advising the industry. Jan Erik has experience on all four sides of the sourcing and vendor governance lifecycle - as a client, an industry analyst, a service provider and an advisor. Now as a research director, principal analyst and global head of ISG Provider Lens™, he is very well positioned to assess and report on the state of the industry and make recommendations for both enterprises and service provider clients.
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