

IBM Power (IBM i/ AIX) with AWS

For decades, IBM Power (IBM i/ AIX) has been the backbone of business operations. Its reliability, integrated security and performance under heavy transactional loads have made it genuinely irreplaceable. However, a key challenge customers face today is specialist skills are becoming increasingly scarce.

With more than 20 years of expertise delivering IBM i (AS/400) and AIX solutions, Advent One has evolved into a highly regarded managed services provider specialising in hybrid cloud, automation, and cloud modernisation. Advent One delivers integrated hybrid and multi-cloud solutions that bridge IBM Power Systems with AWS environments across Australia and New Zealand.

Through a secure, low-latency hybrid architecture, Advent One enables organisations to seamlessly operate IBM i and AIX workloads alongside AWS-native services and workloads without requiring application redesign or code modification. This approach allows businesses to modernise at their own pace while maintaining the integrity, performance, and reliability of their mission-critical IBM workloads.

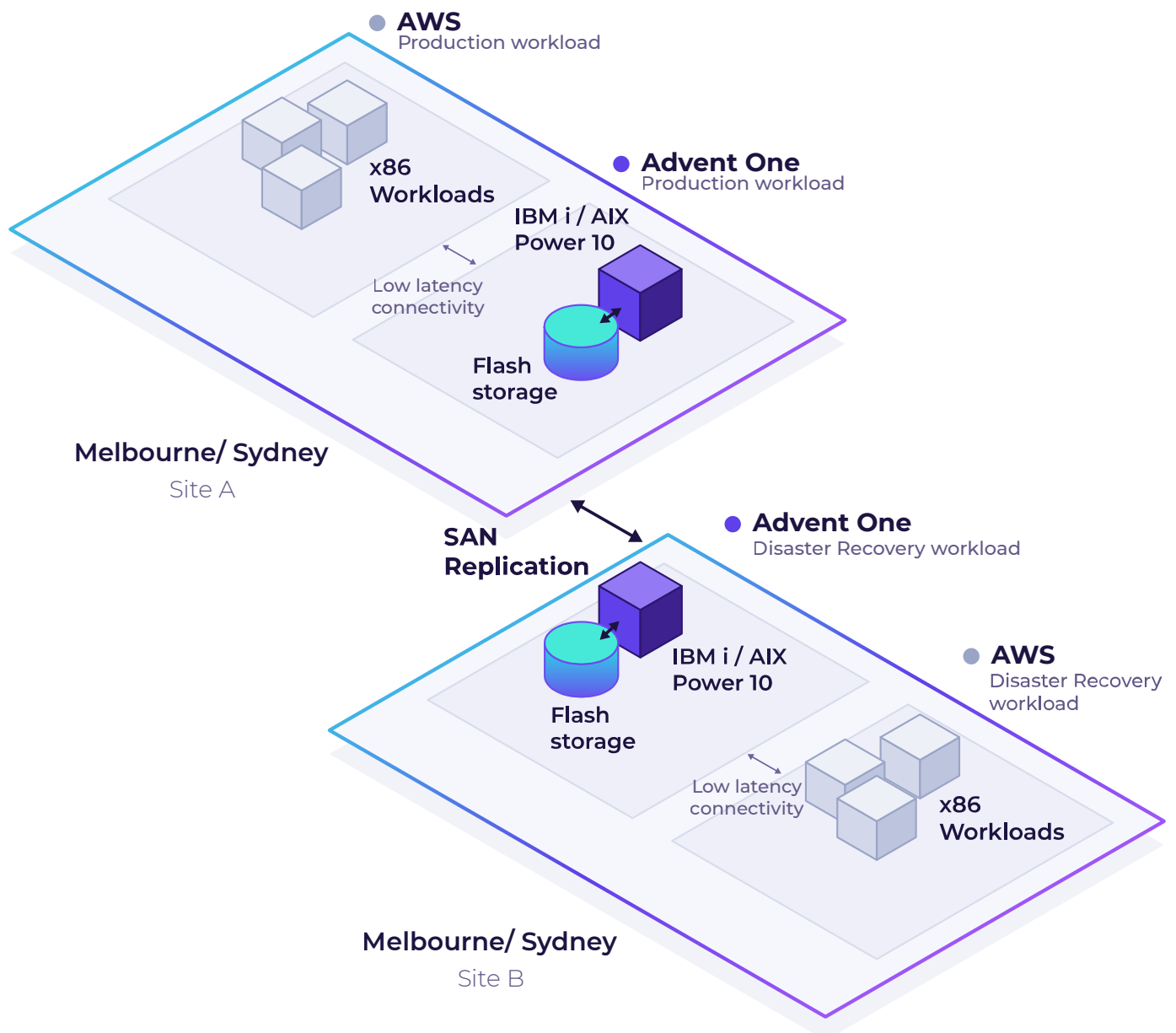
Hybrid architecture for modern enterprises

IBM i and AIX applications often remain central to core business operations and require high-performance, low-latency integration with associated x86-based workloads. In response to this Advent One developed a hybrid cloud model that overcomes traditional cloud adoption barriers while delivering the flexibility and operational benefits of cloud services.



This architecture enables organisations to:

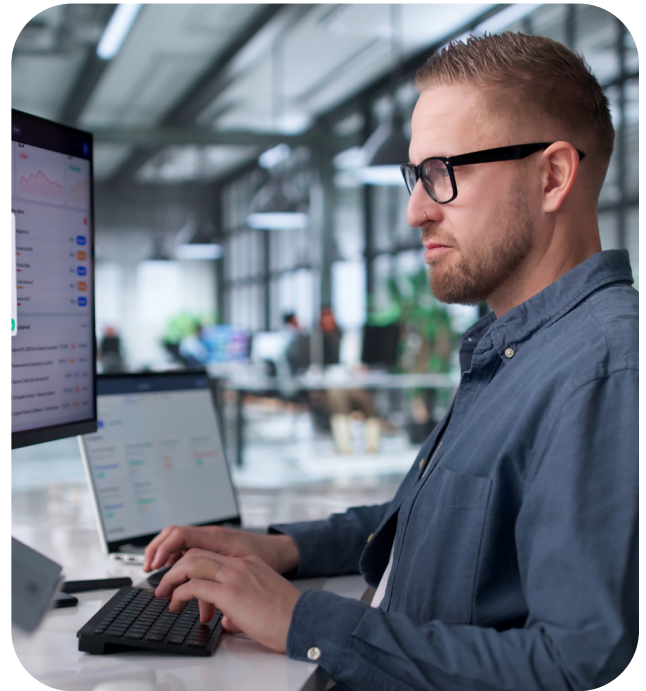
- Retain IBM i/ AIX environments on IBM Power Systems – enabling modernisation of these workloads without being tied to ongoing capex challenges
- Achieve sub-2ms latency within a unified & secure network environment
- Maintain seamless interconnectivity between environments via low-latency connectivity solutions
- Run x86 workloads natively within AWS while maintaining high performance connectivity to core IBM environments
- Modernise applications progressively using AWS-native services
- Improve scalability, resilience, performance, & cost efficiency



End-to-end cloud transformation & modernisation

In partnership with AWS, Advent One supports organisations throughout the complete cloud transformation lifecycle, including:

- Initial infrastructure & application assessments
- Migration & modernisation strategic planning
- Proof-of-concept initiatives
- Deployment & onboarding into cloud & hybrid cloud environments
- Automation & optimisation for continual improvement
- Ongoing managed services & operational support



Advent One assists customers in migrating IBM i (AS/400), AIX, and x86 workloads into a hybrid cloud environment with a long-term pathway toward further AWS cloud adoption and application modernisation.

Advent One also provides expertise in managing mission-critical interdependencies between IBM Power Systems and AWS environments, ensuring seamless integration, operational continuity, and optimal performance across all platforms.

Comprehensive managed services

Advent One provides fully managed hybrid infrastructure services across IBM Power Systems and AWS environments, allowing customers to focus on innovation & modernisation rather than infrastructure management.

Within this managed operating model, Advent One assumes responsibility for all infrastructure components underlying your core applications, while delivering near-zero RPO in the event of disasters, while driving continuous improvement initiatives, automation & orchestration and ongoing performance optimisation.

Operational excellence and industry expertise

Advent One delivers 24*7*365 support through a highly skilled engineering and technical workforce supported by advanced cloud management and automation capabilities.

The organisation has established a strong reputation within the Australian market, including:

- 100+ IBM Power Logical Partitions under management
- 100+ cloud & hybrid cloud engagements across all cloud vendors
- Extensive successful server, workload & platform migrations
- 25+ years supporting IBM i, AIX, & IBM Power environments.
- Security-first mindset: ISO 27001 certified, embedding security into everything we do, ensuring compliance & proactive protection against threats.
- Onshore capability you can trust: 100% Australian-owned, with locally based specialists to provide seamless support & deep technical knowledge of your environment.

Cost optimisation and cloud efficiency

Advent One's AWS-certified professionals apply industry best practices to optimise cloud cost and performance across hybrid environments.

Customers can benefit from:

- Cost-effective proof-of-concept programs
- AWS-funded or subsidised migration initiatives
- Flexible & scalable infrastructure consumption models
- Ongoing cost optimisation & governance strategies

These services reduce barriers to cloud adoption while maximising operational and financial efficiency across hybrid cloud environments.



Business outcomes

By combining deep IBM Power Systems expertise with advanced AWS cloud capabilities, Advent One provides organisations with a single trusted partner for hybrid cloud transformation.

This unified approach enables businesses to:

- Simplify IT operations across legacy & modern platforms
- Reduce infrastructure complexity
- Improve application availability & performance
- Strengthen security & compliance
- Accelerate cloud adoption & innovation
- Enable continuous improvement & automation
- Free internal teams to focus on strategic business initiatives



Connect with us

Our tailored solutions seamlessly integrate legacy and cloud environments, enabling efficient migrations, enhanced security, and streamlined, automated operations. We begin by understanding your desired business outcomes and develop a roadmap aligned to your organisation's priorities. This approach ensures a clear and practical course of action, including opportunities for optimisation such as cost efficiency.

Contact us to discuss how we can support your business both now and into the future.

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