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AUCloud IRAP Assessment

Mr. Farrelly,

PCG Cyber was engaged by Sovereign Cloud Australia Pty Ltd (trading as AUCloud), to conduct a Security Assessment of the organisation's Infrastructure-as-a-Service (IaaS) and related services in accordance with the Australian Government Information Security Manual (ISM) and the associated guidance from the Protective Security Policy Framework (PSPF). The intent of the activity was to provide AUCloud with an assessment of their environment against the ISM PROTECTED controls. The Security Assessment was completed by David Milin, who is on the Australian Cyber Security Centre's (ACSC's) list of current IRAP assessors.

The Security Assessment was conducted against PROTECTED level controls within the June 2022 version of the ISM and was completed between September and December 2022, in accordance with the ACSC's Anatomy of a Cloud Assessment and Authorisation Framework. The scope of the assessment included:

- The development, management, operation and security of the AUCloud portal, information systems and related infrastructure; and

- The management, operation and delivery of secure Infrastructure as a Service (IaaS), Backup as a Service (BaaS), Disaster Recovery as a Service (DRaaS), Security Operations Centre as a Service (SOCaaS), M365 BaaS and Desktop as a Service (DaaS) cloud services for Government, Critical National Infrastructure and Enterprise communities.

AUCloud operates a range of governance, risk and compliance activities which includes a penetration test to provide assurance of AUCloud's configuration, with recommendations being addressed at the time of writing. This is a sound measure to provide a point in time assessment of any technical vulnerabilities, however, should be complemented by ongoing operational assurance measures. To that end, this assessment has identified a number of recommendations to be addressed by AUCloud.

The purpose of the ISM is to outline a cyber security framework that organisations (including Cloud Service Providers) can apply, using their risk management framework, to protect systems and information from cyber threats. Accordingly, Cloud Consumers should review and assess the risk of using AUCloud's services and ensure implementation of their associated control responsibilities as part of their decision to grant AUCloud an Authority to Operate. This report provides relevant findings, recommendations and alternative controls, which assists consumers in their authorisation processes.

Kind Regards,

David Milin
IRAP Assessor, CISM, CISA
Cyber Security Advisor