

Cyber Security Architect

AEC 01929 LH-01473

Description

The cyber security operations team within the Australian Electoral Commission (AEC) are responsible for the detection and coordination of incident response to threats, both foreign and domestic, against critical electoral systems. The AEC is seeking an experienced cyber security engineer to augment the existing operations team to assist in uplifting the existing capability.

You will be responsible for the maintenance of cyber security monitoring and analysis toolsets, and will take a lead role in the build of the cyber security architecture through consultation with internal ICT teams to secure this architecture.

Responsibilities

1. Collection of cyber security related data for analysis, evaluation, and identification of the root of the attacks against the AEC ICT environment and key electoral systems.
2. Implement required cyber security actions to counter attacks and restore system operations.
3. Work together with the internal ICT team and business areas to communicate about security limitations and produce documentation or reports.
4. Undertake cyber threat hunting exercises and providing threat intelligence to the entire team.
5. Partake of mentoring and training as identified
6. Assist in the development of standard operating procedures related to cyber security incident response

Qualifications

Must have Negative Vetting Level 1

Experience

MANDATORY CRITERIA:

1. Experience using Sentinel or a similar SIEM solution is essential
2. In-depth familiarity with the Australian Government Information Security Manual
3. Experience with security technologies such as endpoint protection, firewalls and IDS/IPS
4. Extensive experience in Windows, Linux, networking and system administration
5. Experience with security services in the cloud (Azure or AWS)

DESIREABLE CRITERIA:

1. Experience in cyber security monitoring within, or for, other Federal government entities
2. Extensive experience in cyber incident response

OTHER REQUIREMENTS:

1. Negative Vetting level 1
2. Political neutrality
3. Australian citizen

Hiring organization

AEC

Employment Type

Contractor

Beginning of employment

01 April 2025

Duration of employment

12 months with 2 extensions of 12 months each.

Job Location

ACT

Working Hours

40 hours per week

Valid through

06.03.2025