



POSITION DESCRIPTION

Position Title:	Modern End User Compute (EUC) Engineer - Linux
Cluster / Business Unit / Division	IT
Section or Unit:	IT End User Compute (EUC) Support
Classification:	Band 5
Position Description Number:	PD-2619
Work Contract Type:	Technical
STEMM/NON-STEMM:	STEMM

POSITION PURPOSE

The Modern EUC Engineer - Linux is primarily responsible for the support, maintenance, development, and deployment of the standard operating environment (SOE) and endpoints for the Linux environment. The role also encompasses maintenance and development of the Windows SOE environments.

ORGANISATIONAL ENVIRONMENT

ANSTO is the national organisation for nuclear science and technology. We focus on undertaking leading edge research, delivering innovative scientific services, and providing specialised advice to government, industry, academia, and other research organisations.

Information Technology is dedicated to enhancing and maintaining ANSTO's digital facilities for operational reliability and providing a range of customer services to support ANSTO's research, business activities and projects. The IT Support unit is responsible for IT service delivery, support, and the execution of large capital projects.

POSITION ENVIRONMENT

The Modern EUC Engineer - Linux reports to the IT Modern End User Compute (EUC) Engineer acting as a member of the broader IT team supporting ANSTO's managed user environment.

ACCOUNTABILITIES & RESPONSIBILITIES

Key Accountabilities

- Responsible for endpoint SOE maintenance, development, configuration of ANSTO's fleet of endpoints (desktop, laptop and virtual endpoints) using relevant tools, policies, etc.
- Utilize tools such as Manage Engine, SCCM, Group Policy (GP), Intune, Bash, PowerShell, Python, and relevant cloud platforms for Linux and Windows to manage endpoints and the SOE.
- Responsible for the implementation of cyber security enhancements on endpoints as defined by the Cyber Security team.
- Responsible for the packaging and release of SOE applications for the organisation, working collaboratively with stakeholders, users, and vendors.
- Providing level 1, 2, and 3 support for incident and service request management, deploying computers, etc. for the Linux environment.
- Proactively contributing to IT service delivery and strategies in a way that maximise ANSTO's user productivity by meeting all Service Level Agreements (SLA), adhering to the ITIL service management model and meeting client group's requirements and requests.
- Identify opportunities for continual improvement, provide expert advice to the organisation on new technologies and trends and implement where feasible and appropriate.

- Contribute to knowledge base articles and Standard Operating Procedures for work within the IT Support team to maintain records of system design, processes, and changes to systems in accordance with IT policies and consistent with ANSTO’s quality management system.
- Primarily responsible for the Linux SOE but will be required to support and develop Windows SOE when required.

Key Challenges

- Responsible for escalated tickets and prioritising incidents, service requests and tasks to meet SLA’s particularly regarding SOE and packaged applications.
- Conducting root cause analysis of complex IT issues requiring a methodological approach and expertise in troubleshooting.
- Ensuring integrity of desktop SOE and packaged applications using current and new technologies to improve SOE delivery and application packaging.
- Ensure knowledge base articles and technical documentation, including system designs, Standard Operating Procedures, and other documentations are current.
- Deliver a high quality of work to tight deadlines.
- Adhering to all WHS requirements and IT Values and Behaviors.
- Managing the process for consolidating multiple demand inputs, prioritization in collaboration with identified key stakeholders and communication of ongoing initiatives for integration, service management and enterprise tools.

Decision Making

- The position is fully accountable for the accuracy, integrity, and quality of the content of advice provided to the Endpoint Systems and Support Manager and is required to ensure that decisions are based on sound evidence, but at times may be required to make effective judgements under pressure or in the absence of complete information or expert advice.
- The position determines key work priorities within the context of agreed work plans and will consult with the Endpoint Systems and Support Manager on the more complex, sensitive, and political issues that have a significant impact on the team’s functions.
- The position works within the broadly defined outcomes of the IT division and within a framework of legislation, policies, professional standards, and resource parameters. Within this framework the role has considerable independence in determining how to achieve objectives, including deciding on methods and approaches, business and project planning, and allocation of resources.
- The levels of authority delegated to this position are those approved and issued by the Chief Executive Officer. All delegations will be in line with the ANSTO Delegation Manual AS-1682 (as amended or replaced) The levels of authority delegated to this position are those approved and issued by the Chief Executive Officer. All delegations will be in line with the ANSTO Delegation Manual AS-1682 (as amended or replaced).

KEY RELATIONSHIPS

Who	Purpose
Internal	
Manager	<ul style="list-style-type: none"> • Receive guidance and direction. • Provide expert, authoritative and evidence-based advice. • Recommend and gain endorsement for plans, goals, and other initiatives. • Seek specialist knowledge and guidance of a detailed technical nature.
Work area team members	<ul style="list-style-type: none"> • Contribute to group decision making processes, planning and goals.

	<ul style="list-style-type: none"> Collaborate and share accountability with the Modern End user Compute (Windows) Engineer as the Design Authorities on Endpoint SOE's
System Administrators	<ul style="list-style-type: none"> Collaborate on SOE changes impacting the management of the underlying infrastructure. Receive mentoring and handover of SOE roles and responsibilities.
Network Engineers, IT Security, Database, Developers	<ul style="list-style-type: none"> To undertake work coming out of system development and deployment activities in support of various enterprise IT systems.
Operations Service Desk/User community	<ul style="list-style-type: none"> To undertake work coming out of issues, requests and changes logged with the Operations Service Desk.
External Vendors	<ul style="list-style-type: none"> Liaise and work with to address hardware/software issues
Project Managers, architects, engineers, support, administrators, and clients	<ul style="list-style-type: none"> Work collaboratively to deliver modern endpoint solutions for ANSTO endpoint environment

POSITION DIMENSIONS

Staff Data	
Reporting Line	Modern End User Compute (EUC) Engineer, IT
Direct Reports	Nil
Indirect Reports	Nil
Special / Physical Requirements	
Location:	Lucas Heights onsite Working in different areas of designated site/campus as needed
Travel:	May be required travel to ANSTO sites from time to time
Physical:	Office based physical requirements (sitting, standing, minimal manual handling, movement around office and site, extended hours working at computer) Working in a loud environment
Radiation areas:	May be required to work in radiation areas under tightly regulated conditions. May be required to perform duties in an area where radioactive materials are handled under tightly controlled safety conditions
Hours:	Willingness to work extended and varied hours based on operational requirements. This role will be required to work as member of a team providing coverage from 8am to 5.30pm After hours work may be required for short and infrequent periods May be required to participate on an on-call roster 24x7x365
Clearance requirements:	Satisfy ANSTO Security and Medical clearance requirements. Will be required to obtain and maintain appropriate federal government clearance

Workplace Health & Safety

Specific role/s as specified in <u>AG-2362</u> of the ANSTO WHS Management System	All Workers Officer (definitions found in appendix 1 of AG-2362) Other specialised roles identified within the guideline a position holder may be allocated to in the course of their duties
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KNOWLEDGE, SKILLS AND EXPERIENCE

1. Degree in Computer Science or Information Technology and/or equivalent combination of work experience/qualifications, including knowledge of ITIL
2. Extensive progressive hands-on experience with Linux tools might include ManageEngine Endpoint Central, Ansible, Satellite, etc.
3. The role requires in-depth knowledge of Linux operating systems, including Ubuntu, Alma Linux and Red Hat
4. Strong scripting skills in languages such as Bash, PowerShell and Python.
5. Experience with configuration management tools like Ansible, Puppet, and Chef, as well as familiarity with cloud platforms
6. Experience with Microsoft 365, Azure AD, SCCM, GPO, Local AD, Microsoft Endpoint Configuration Manager, Intune, and Autopilot
7. Advanced knowledge and demonstrated experience in the SOE development, deployment and maintenance management of Linux operating systems or similar OS, applying IT Security Policies and profile management.
8. Demonstrated experience and proficient with software packaging, deployment and migrating with current and new technologies.
9. Demonstrated experience in providing level 3 technical systems support solving high-end complex technical issues and identify opportunities for continual improvement with new technologies.
10. Work collaboratively as part of a team, including the ability to work in a cross-functional team, going above and beyond to deliver great customer experience with strong verbal and written communication skills for high level technical documentation.
11. Demonstrated ability to deliver high quality project related activities on track to meet tight deadlines.
12. Industry certification or experience on various platforms and OSES: Windows, Linux, Apple.
13. Proven advanced knowledge in multiple technologies end user cloud and on-prem technologies and tools

VERIFICATION

This section verifies that the line manager and appropriate senior manager/executive confirm that this is a true and accurate reflection of the position

Line Manager		Delegated Authority	
Name:	Werner Struwig	Name:	Marianne Morton
Title:	Endpoint Systems and Support Manager, IT	Title:	Chief Information and Digital Officer
Signature:		Signature:	
Date:		Date:	