Server Specialist

ASX Position Description

<table>
<tr><td colspan="2" align="center">ASX "All Roles Flexible"
ASX offers mutually beneficial flexible working arrangements.
We recognise that employees need to balance work and personal lives.</td></tr>
<tr><td>ASX Opportunity Snapshot</td><td>What's On Offer</td></tr>
<tr><td>

Role:	Server Specialist - Linux
Reports to:	Team Leader, Server Support – Hosting Team
People Management:	n/a
Budget:	n/a
Team:	Hosting
Date:	September 2018
Location:	Sydney, NSW
Flexible Role:	Yes

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The role is a key part of the Hosting team who are continually shaping and developing how we facilitate and support Hosting Services (Compute, Storage & Backup) for the ASX.

The Hosting Services, Server Specialist role provides server support and administration to key server environments. The role entails providing expert technical support, advice, design, planning, and building of Servers which underpin critical ASX Systems.

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What you'll do:

- Provide technical support including installation, configuration, maintenance, security and compliance of ASX Enterprise Systems, with a focus on Linux Administration.
- Support various infrastructure platforms such as Backup, DNS, Logging and Monitoring.
- Accommodate software installation and upgrade projects for application owners.
- Intel Hardware configuration, maintenance, troubleshooting, installation and upgrade of physical servers.
- Operational acceptance and input into design and architecture. Environmental review.
- Operational system availability targets are met or exceeded.
- Projects delivered on time and to specification.
- Be aware of change management disciplines and adhere to this process for all system changes.
- Security and operational incident response.
- OS Patch Implementation, administration & status monitoring.
- The role has out of hours work and has rostered On-Call components.
- The role is location specific, i.e. onsite support of systems at their location at ALC and DR Sites.

What you've done:

- Strong experience in Linux System Administration. Must be able to demonstrate advanced troubleshooting experience.
- Experience in deploying Linux SOEs across physical, virtual and Cloud environments. Includes secure server build and configuration in line with best practice hardening controls.
- Have worked with automation and compliance tools for maintaining uniformity across Linux environments (e.g. Puppet, Ansible, Red Hat Satellite).
- Scripting languages, preferably Python.
- Experience in using modern Linux based monitoring and logging platforms.
- Experience in configuring and maintaining physical Intel server hardware.
- Strong understanding of storage concepts and FC/IP based storage protocols.
- Strong understanding of networking concepts and TCP/UDP based protocols.

And if you've got some of this, even better:

- RHCE/RHCA
- AWS certification
- Containerisation experience (e.g. Docker, Kubernetes)
- Routing, switching concepts and firewalling experience
- Interest in Infrastructure oriented Open Source communities

What you need to enjoy and be good at for this role:

- Thoroughness, attention to detail and procedure.
- Clear and analytical approach to problem solving.
- Mature approach to system change and risk mitigation.
- Methodical fault management handling including vendor escalation.
- Customer driven & delivery focused.
- Be a team player - ability to work in a team where skills are shared and learnt as required.
- Be calm under pressure when resolutions are needed.
- Self-starter, both in approach to work and self-development.
- Be collaborative and work with multiple stakeholders to deliver a common goal.