Position title:	Azure Cloud Engineer
Department:	Operations
Team:	Technology
Reports to:	Infrastructure and Operations Manager
Direct reports:	N/A
Location:	Melbourne
Document review date:	Feb 2024

Position Summary

As an Azure Cloud Engineer, you will be responsible for Tilt's Azure environment and network infrastructure and ensuring the smooth operation of our systems. You will work closely with the Tech team troubleshoot issues, implement security measures, and optimise performance. The ideal candidate is an expert in Azure, a PowerShell guru and considers automation-first. You will have exceptional problem-solving skills, capable of juggling competing priorities, and have a deep knowledge of a wide range of technologies.

Key Accountabilities

The key accountabilities may include (but are not limited to):

- Install, configure, test, and maintain operating systems, application software, and system management tools.
- Proactively ensure the highest levels of systems and infrastructure availability
- Monitor and test application performance for potential bottlenecks, identify workable solutions, and work with developers to implement those fixes.
- Maintain security, backup, and redundancy strategies.
- Write and maintain custom scripts (PowerShell) to increase system efficiency and lower the human intervention time on any tasks.
- Participate in the design of information and operational support systems.
- Provide escalation support to the Service Desk
- Manage and maintain Azure cloud infrastructure, including virtual machines, storage, and networking.
- Maintain MS SQL databases (Azure PaaS and Azure VM - managed)
- Implement and manage Azure security and compliance controls.
- Monitor and optimize Azure infrastructure for performance and cost efficiency.
- Ensure the smooth development of new applications.
- Update technical documentation.
- Maintain systems reliability based on agreed metrics and SLA's

Key Relationships

This role will work closely with:

- Tilt Tech Team
- Operations Team

Qualifications:

- BSc degree in Computer Science or equivalent proven work experience.
- At least **5** years in a Systems Administrator role.

Skills and Experience

- **Infrastructure**
  - Expert in the setup and maintenance of infrastructure and platform monitoring technologies.
  - Expert experience with Azure cloud platform, including Azure Resource Manager, Azure Virtual Machines, Azure Storage, Azure Networking, Azure Security, and Azure Monitor
  - Expert PowerShell scripting skills.
  - Experience with IaaC (Bicep or Terraform) highly desirable.
  - Experience with Git and version control desirable.
- **Cyber Security**
  - Practical experience in implementing and maintaining a cloud-centric corporate environment (i.e. SaaS management, Zero-trust ideals)
  - Strong understanding of security best practices, including firewalls, intrusion detection systems, and access controls
- **Administration**
  - Solid experience in the administration and performance tuning of application stacks (Microsoft Office 365, SharePoint, Windows Defender, Cisco Meraki Firewall Configuration, Intune etc)
  - Proven working experience in installing, configuring, and troubleshooting Windows/Linux based environments
  - Testing backup systems and disaster recovery plans for infrastructure
- **Management and Planning**
  - Project management and tasks management, including delegation to other team members
  - Driving change management, including planning, and documenting substantial changes that affect multiple systems and users
  - Assess the impact of proposed changes on stakeholders, processes, and systems.

Key Competencies and Capabilities

- **Solid Team Player:** At Tilt we work as a team, and you need to be willing to support and assist team members, share knowledge, and contribute to a positive team environment.
- **Problem Solving**: Ability to troubleshoot complex issues and implement effective solutions.
- **Adaptability**: Capability to adapt to recent technologies and environments quickly.

- **Communication**: Strong verbal and written communication skills to interact with team members and stakeholders.
- **Collaboration**: Ability to work effectively in a team environment and collaborate with cross-functional teams.
- **Attention to Detail**: Strong attention to detail to ensure accuracy in system configurations and troubleshooting.
- **Time Management**: Ability to prioritise tasks and manage time effectively to meet deadlines.
- **Continuous Learning:** Commitment to continuous learning and staying updated with industry trends and best practices.

About Tilt Renewables

Tilt Renewables aims to be the leading developer, owner, and manager of renewable energy generation assets in Australia. With 1.7 GW of Operational Assets and a pipeline of over 5GW we are well positioned to achieve this.

We are proudly Australian with strong brand recognition known for developing and operating, high quality assets in Australia with a long-term owner's perspective. With a significant pipeline of development opportunities, we have an appetite for growth.

Our approach is to adopt a pragmatic view of the development, asset operation and energy market functions focussed on optimising customer, investor, employee, and community outcomes. This requires agile and effective decision making and outstanding execution of opportunities.

Credibility in the eyes of our investment stakeholders as well as strong relationships with our customers, key suppliers, contractors, and the communities we operate in are critical to Tilt Renewables' success. Tilt Renewables has corporate offices in Melbourne and Sydney and a rapidly growing capable team of approximately 100 employees who can apply themselves to any issue or opportunity, regardless of functional structure.

We are committed to a customer centric renewable energy solution, building on our enviable track-record, experience, and reputation.

Our Vision

Our vision **to drive the transition to renewables through everything we do** focuses on us helping create the world we want to be part of and to look for those opportunities in everything we do.

Our Values

Developed by our team to reflect what matters most to us, our values are simple, unequivocal, and focused on how we generate a difference – for our business, for our people, for our investors and for the communities we work with.

We are People Powered | We Get It Done | We Lead

Our Investors

Tilt Renewables has three key investors:
- Future Fund (40%),
- QIC (40%); and
- AGL (20%)