

Company Introduction

Luganodes is a world-class, Swiss-operated, non-custodial blockchain infrastructure provider that has rapidly gained recognition in the industry for offering institutional-grade services. It was born out of the Lugano Plan B Program, an initiative driven by Tether and the City of Lugano. Luganodes maintains an exceptional 99.9% uptime with round-the-clock monitoring by SRE experts. With support for 45+ PoS networks, it ranks among the top validators on Polygon, Polkadot, Sui, and Tron. Luganodes prioritizes security and compliance, holding the distinction of being one of the first staking providers to adhere to all SOC 2 Type II, GDPR, and ISO 27001 standards as well as offering Chainproof insurance to institutional clients.

Objectives of this role

- Manage and optimise the production environment for blockchain infrastructure, ensuring high availability and system health
- Develop and implement software solutions for managing blockchain nodes and associated infrastructure
- Enhance reliability, performance, and scalability of our blockchain infrastructure
- Implement and manage monitoring systems to proactively identify and resolve issues
- Collaborate with multiple partners to improve node operations and network performance

Responsibilities

- Implement and manage monitoring solutions using tools like Grafana to track system health and performance metrics
- Utilise infrastructure as code (IaC) tools, particularly Ansible, for consistent and repeatable deployments
- Troubleshoot and resolve issues related to blockchain nodes, network connectivity, and system performance

- Collaborate with the development team to improve blockchain services through rigorous testing and release procedures
- Participate in capacity planning and system design to accommodate network growth and new blockchain protocols

Required skills and qualifications

- Bachelor's degree (or equivalent) in computer science, engineering, or related field
- Strong Linux administration skills, including proficiency in command-line operations
- Proficiency in at least one programming language such as Python, Go, or Rust
- Experience with monitoring tools, particularly Grafana and associated data collection systems
- Understanding of networking concepts and protocols relevant to blockchain operations
- Familiarity with Infrastructure as Code (IaC) principles and tools, especially Ansible

Preferred skills and qualifications

- Previous experience in similar DevOps roles
- Proficiency in Linux systems and command-line operations
- Deep Knowledge of multiple blockchain protocols and consensus mechanisms
- Experience with bare metal server management and optimization
- Contributions to open-source blockchain projects or tools
- Familiarity with decentralised systems and associated storage technologies