



## Linux Systems Engineer

**Salary:** Up to £30,000 per annum, depending on experience

**Reporting to:** Senior Systems Administrator

**Closing date:** Thursday 29 March 2018 at 5pm

### Background

**Red61** is a successful live event ticketing software company, providing software, services and consultancy to festivals and venues around the world.

We are the ticketing solution that drives the Edinburgh Festival Fringe (the largest arts festival in the world), Adelaide Fringe and the National Arts Festival of South Africa as well as other UK and international events.

**Red61** use a wide range of innovative technologies that provide the best solutions for event sales, data capture and distribution. This includes several unique capabilities that enable **Red61**'s clients to provide a high-class service and an excellent customer experience.

### Roles and Responsibilities

**Red61** are seeking to appoint a Linux System Engineer, to be part of the Systems Administration team providing the technical platform for Red61's market leading technology. This role will introduce you to a wide range of both exciting new technologies, as well as more mature platforms such as Java Enterprise Edition. Red61 are adept at combining technologies to build reliable, performant systems to meet the demands of temporary events.

**Red61**'s investment in technology provides the successful applicant a unique opportunity to learn and to influence the technological landscape of the Company.

You'll show a passion for technology and a desire for learning as well as teaching others. You'll also work closely with your colleagues as a team, with a sense of shared ownership to ensure client uptime is maximised, acknowledging that working outside normal office hours is occasionally required to get the job done.

### Key Responsibilities

- Maintenance of between 60 and 150 Linux hosts depending on client activity
- Actively monitor systems to identify issues and taking responsibility for fixing problems as they arise
- Participate in evening and weekend on-call rota to ensure 24/7/365 support coverage

#### **Red61**

First Floor, The Stack, 1 Papermill Wynd

Edinburgh EH7 4QL

Red Sixty One is a Limited company registered in Scotland No.SC235054

| [www.red61.com](http://www.red61.com)

0345 867 2203

- Maintain strong communication links with colleagues in the Systems Administration team to ensure successful knowledge sharing and task handover
- Assist the Systems Administration team with installation and upgrade of internal and client systems in accordance with the implementation plan
- Maintain documentation of the current systems environment and communicate change to the environment to the team
- Participate in the configuration, complete the installation and maintain a city wide box office system and network during July and August
- Participate in monitoring and recording of the PCI:DSS regime of the company and key customers
- Technical support of server side applications including: mail servers, phone systems, file servers, support systems and application & server monitoring systems.

## Key Competencies

- Linux Systems Administration with Commercial experience, preferably CentOS / RedHat Enterprise Linux and/or Debian
- Ability to use own initiative to creatively solve problems, whilst also knowing the best time to ask for help from your colleagues
- Ability to plan work and proactively manage systems to enable the company's growth, securely and efficiently
- Excellent communication skills. An ability to communicate with both technical & non-technical colleagues and customers
- Shell scripting skills (Bash / PHP)
- Basic networking skills, including routing, firewalling, DNS, DHCP.

## Preferred additional skills and experience

- JBossAS, JBoss EAP or other Java EE container, e.g Tomcat
- Network and performance monitoring - Nagios/Icinga, Cacti, Graphite
- Experience with dynamic routing
- MySQL/MariaDB administration (queries, maintenance & performance tuning)
- VPNs (SSL or IPSEC)
- Virtualisation (VMware ESX / KVM / Proxmox)
- Linux High Availability (Clusters)
- Experience with dynamic routing (RIP & OSPF)

- Experience of Docker
- Experience using Ansible
- Wide area networking
- Long range WiFi.

## To apply

Please send a CV and cover letter to [jobs@red61.com](mailto:jobs@red61.com) with the subject line 'Linux Systems Engineer'.

The closing date for applications is Thursday 29 March 2018 at 5pm.

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