



Linux Systems Engineer

Salary – up to £30,000 per annum

Permanent, full-time

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), the Garden of Unearthly Delights in Adelaide 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 a number of unique capabilities that enable Red61's clients to provide a high class service and an excellent customer experience.

The Systems Engineer role is to work with the Systems Administration team to provide 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 also to influence the technological landscape of the Company.

Specific responsibilities of the post include:

- Maintenance of between 60 and 150 Linux hosts depending on client activity.
- Actively monitor systems to identify issues, work with technologies or processes to improve performance or mitigate risk.
- Maintain documentation of the current systems environment and communicate change to the environment to the team.
- Participate in monitoring and recording of the PCI:DSS regime of the company and key customers.
- Participate in evening and weekend on-call rota to ensure 24/7: 365 support coverage.
- Participate in the configuration, complete the installation and maintain a city wide box office system and network during July and August.
- Extending the capabilities of Red61's in-house developed embedded Linux

Red61

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

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network appliance.

- Assist the Systems Administration team with installation and upgrade of internal and client systems in accordance with the implementation plan
- Assist with server maintenance including: installation, configuration and build of Virtual Machines
- Assist in the support of Red61 development environments
- Assist with the technical installation and provide technical guidance to 1st line support for ticketing software and hardware installations
- Technical support of server side applications including: mail servers, phone systems, file servers, support systems and application & server monitoring systems
- Assist client IT resources where Red61 have a contractual relationship to do so
- Provide 2nd and 3rd line technical support to the support team

Essential Skills

- Linux Systems Administration with Commercial experience, preferably CentOS / RedHat Enterprise Linux and/or Debian.
- Passion for technology and a desire for learning as well as teaching others.
- Ability to plan work and pro-actively manage systems to enable the company's growth, securely and efficiently.
- Ability to use own initiative to creatively solve problems.
- Experience with performance and availability monitoring (for example: Nagios, Cacti, RHQ or Smokeping).
- Excellent communication skills. An ability to communicate with both technical & non-technical colleagues and customers.
- Ability to investigate issues, identify causes of problems and implement strategies to improve the systems environment and prevent recurring issues.
- Shell scripting skills (Bash / PHP).
- Windows server administration
- Basic routing
- Basic firewalling
- DNS & DHCP

Preferred additional skills

- MySQL administration (queries, maintenance & performance tuning)
- VPNs (SSL or IPSEC)
- Linux High Availability (Clusters)
- Virtualization (VMware ESX / KVM)
- JBossAS, JBoss EAP or other Java EE container, e.g Tomcat
- Experience with dynamic routing
- Network and performance monitoring – Nagios/Icinga, Cacti, Graphite
- Software packaging
- VOIP , preferably Asterisk
- Experience with dynamic routing (RIP & OSPF)
- Wide area networking
- Long range WiFi

Please send CV and cover letter to jobs@red61.com