



CRG Linux Systems Administrator. Scientific IT, Core Facilities

The Institute

The Centre for Genomic Regulation (CRG), is an international biomedical research institute of excellence, based in Barcelona, Spain, whose mission is to discover and advance knowledge for the benefit of society, public health and economic prosperity.

The breadth of topics, approaches and technologies at the CRG permits a broad range of fundamental issues in life sciences and biomedicine to be addressed. Research at the CRG falls into four main areas: gene regulation, stem cells and cancer; cell and developmental biology; bioinformatics and genomics; and systems biology.

With more than 380 scientists from 42 countries, the CRG excellence is based on an interdisciplinary, motivated and creative scientific team that is supported by high-end and innovative technologies.

The centre's other main strategic goals are: to translate basic scientific findings into benefits for health and economic value for society; to provide advanced and excellent training to our scientists; and to communicate and establish a bilateral dialogue with society.

CRG has received the "HR Excellence in Research" award from the European Commission, which shows the commitment of the institute in conducting transparent and merit-based recruitment procedures and providing attractive working conditions in alignment with the European Charter and Code.

For further information: www.crg.eu

Mission of the role

CRG is actively seeking an experienced Linux Systems Administrator to join the CRG Scientific IT team. The main responsibilities of the candidate will be to manage and improve our computational resources (Linux, Univa Grid Engine). Proactive involvement in day-to-day operations and troubleshooting are a large part of the remit. The candidate will become involved in projects which offer the opportunity to learn new skills, as the computer resources supported by the team are developed.

Current resources include 4 PB of storage and a Linux cluster with 200 Linux machines. The scientific IT team manages all storage and computational resources, provides support to researchers on site, and works closely with the CRG labs to address their computational needs and build custom solutions.

Requirements

Education:

- Degree in computer science or related discipline.

Technical skills:

- Experience with high performance computing and understanding of data center issues
- Proficiency in Linux/Unix.
- High proficiency in Univa Grid Engine/SGE queuing system.
- Demonstrated experience in management of Puppet configurations.
- Experience in Red Hat Linux based distributions.





Additional technical skills will be beneficial:

- DNS (Bind)
- Monitoring systems (Icinga, Ganglia)
- Experience in software management (modules, easybuild)
- Backup systems (Amanda)
- MySQL databases
- Perl, Bash, Python scripting
- Experience with large-scale storage systems.

Languages:

- Fluent level of English.

Soft skills:

The successful candidate should be able to work independently, prioritize and manage a variety of tasks, and shift priorities rapidly. Excellent communication skills, both verbal and written, and the capacity to interact with multidisciplinary staff in a fast-paced environment are required.

The Offer

- **Duration:** Open-ended contract with a probation period
- **Estimated annual gross salary:** A competitive salary will be provided, which will be well matched relative to the cost of living in Barcelona, and adjusted according to experience
- **Starting date:** immediate hiring

We offer work in a highly stimulating environment with state-of-the-art infrastructure, providing the successful applicant with unique opportunities to develop a strong technical portfolio.

Application Procedure

All applications must include:

1. A presentation letter addressed to
2. A full CV including contact details.
3. Two contacts for further references.

All applications must be submitted by means of on-line application on the official website of the CRG - <http://recruitment.crg.eu/>.

Deadline: Applications will be continually monitored. First interviews will take place on November 16th-19th

