



The ESRF is a multinational research institute, situated in Grenoble, France and financed by 20 countries mostly European. It operates a powerful synchrotron X-ray source with some 30 beamlines (instruments) covering a wide range of scientific research in fields such as biology and medicine, chemistry, earth and environmental sciences, materials and surface science, and physics. The ESRF employs about 600 staff and is organized as a French *société civile*.

Within the Technical Infrastructure Division, the Systems and Communication group is now seeking to recruit a:

UNIX System Administrator/Engineer (m/f)

Permanent position

FUNCTION

As a UNIX Systems administrator, your main duties are to:

- design and operate high-performance infrastructures required for data acquisition, processing and storage of experimental data from fast detectors.
- participate in the day to day activities of the team (installation of software, user support, managing central LINUX servers).
- deliver the high-quality technical support required to ensure that critical UNIX system administration tasks and projects can be addressed at all times.

This is an ideal role for a candidate who is looking to take their next step in their career within a dynamic internationally recognized organization and put their knowledge of UNIX and customer service standards to good use.

This is an exciting opportunity for an engineer with in-depth UNIX skills to join a resourceful team. The ESRF operates a large infrastructure made of about 400 servers dispatched in two computing rooms. Data Storage is provided by NETAPP, DDN and DELL file servers (More than 3 PBytes in total), backup is made using large Oracle/StorageTek libraries and TimeNavigator software from Atempo. Compute clusters are running Debian and the OAR scheduler, and support various scientific software. Major infrastructure servers consist in Linux/Debian and SUN/Solaris machines, and many servers are homed on a KVM/SAN infrastructure.

Good relational skills, team spirit, autonomy and a service-oriented attitude are the key attributes for this position.

A good command of the English language is a must.

QUALIFICATIONS AND EXPERIENCE

The candidate should have a higher university degree (Master, MSc, DESS, Diplom, Diploma, Ingeniera Superior, Licenciatura, Laurea or equivalent). A sound knowledge of the UNIX world - installation, kernel tuning, deployment, NFS, ssh, networking – and a minimum of two years of professional experience is required. A good understanding of high availability, virtualisation, IAAS, LDAP, management of user accounts, ssh, Apache, etc. – would be appreciated. Mastering one or several scripting languages is required (shell, perl, python). Knowledge of Windows, Active Directory, GPFS is an asset.

OUR OFFER

The working language of the ESRF is English. For further information on employment terms and conditions, please refer to <http://www.esrf.fr/Jobs/Conditions>. The ESRF is an equal opportunity employer and encourages applications from disabled persons.

If you are interested in this position, please apply on-line at this address:
<http://www.esrf.fr/Jobs>.

**Ref. 9127 - Deadline for returning application forms:
08 December 2014**

ESRF, The European Synchrotron
Human Resources - Recruitment
71, avenue des Martyrs, 38000 GRENOBLE - FRANCE