Elettra Sincrotrone Trieste

SENIOR SYSTEM ADMINISTRATOR FOR SGS (LABORATORY MANAGEMENT SYSTEM) PROJECT

Deadline: 7 July 2020
Ref: IA/20/27

Company description

Elettra Sincrotrone Trieste is an international multidisciplinary research center operated as a user facility, featuring a 2.0/2.4 GeV, third-generation synchrotron light source (Elettra), a new free-electron laser light source (FERMI) and a variety of support laboratories. The extremely high quality of the machines and beamlines has set new performance records and has been producing results of great scientific and technological interest. See http://www.elettra.eu for more information.

Job description

The successful candidate will work in the System Administrators Team, ICT Systems and Services, Scientific Computing, IT Group.

She/He will primarily support the SGS (Sistema per la Gestione del Laboratorio / Laboratory Management System) Project.

In her/his activity she/he will deal with the use of:

- systems based on GNU/Linux;

- virtualization systems based on Proxmox and Xen;

- backup, monitoring and inventory systems based on Opensource software;

- monitoring systems based on Opensource software;

- Windows server and client installations;

- support on maintenance of the software used in the SGS Project (ERP, Payroll system, document handling and management, digital sign, PEC).

She/he will support the SGS Project Team, providing design, installation and administration of back-end systems for the Project purposes and support to end users on client installations.

She/he will collaborate with the other System and Network Administrators in the development or renewal of the IT infrastructure when relevant for the Project.

She/he will be the reference person for giving advice about solving issues related with the interaction or integration of softwares among them or with the operating system.

She/he might also be asked to perform rack installation and cabling of servers, network devices and any other needed accessory when needed for the Project.

Qualifications

Applicants must have a Diploma of an industrial or professional institute preferably in electronic / telecommunications / computer science or a Bachelor or Master's degree in computer science or electronic / telecommunications / computer engineering.

The position requires the following skills:

- installation and administration of client and server systems based on Unix-like operating systems, with special reference to CentOS, Debian and Ubuntu Linux distributions;

- installation, administration and end-user support of client and server systems based on Microsoft Windows;

- configuration of remote connections via RDP and/or VNC between computers running different Operating Systems;

- computer networking knowledge and experience;

- use of virtualization systems, with special reference to Proxmox and Xen;

- configuration and use of backup on network-based systems, with special reference to Bacula and Bareos.

Advantages over other candidates will be given by:

- 5 or more years of working experience in the IT field;

- deployment and management of Windows Domain Controllers;

- basic database installation and administration, with special reference to MySQL and Oracle;

- configuration and use of health and status monitoring systems, with special reference to Opensource software such as Nagios/Icinga, Zabbix, Prometheus;

- experience with digital sign (Firma Digitale) systems and PEC;

- knowledge of best practices on producing digital documents valid for legal purposes (e.g. PDF/A).

- experience on Access Control systems;

- experience with containerization deployment;

- administration of directory services, with special reference to LDAP;

- installation of hardware in rack system;

- management of web servers installations.

The successful candidate must have team-working attitude, be proactive in problem solving, react quickly to emergency and urgent troubles, demonstrate abilities to report clearly and efficiently the workflow, be available for on-call periods and overtime, if needed.

A fluent knowledge of written and spoken Italian and English is mandatory.

The appointment envisioned is a fixed term contract of an initial duration of 12 months. The salary will be commensurate with previous experience and qualifications of the candidate.

Applications should include a full curriculum vitae and the names and contact information (including electronic mail) of possible one reference.

The deadline for the submission of the application is July 7, 2020.

In accordance with the provisions of article 21 of the Italian legislative decree no. 39/2013 and in conjunction with article 53 (subsection16ter) of Italian legislative decree no. 165/2001, employees or former employees of any Italian Public Entity who have exercised authority over Elettra Sincrotrone Trieste S.C.p.A. or have negotiated with Elettra - Sincrotrone Trieste S.C.p.A. within the last three years will be excluded from the present selection procedure.

We thank all applicants in advance.
For more information, please contact Roberto Pugliese (email: roberto.pugliese@elettra.eu).

To apply for this position please visit the following link:
https://www.elettra.trieste.it/it/about/careers/working-withus.html?ref=IA%2F20%2F27