



Issued on: 10 October 2017

Deadline For Application: 24 October 2017

JOB TITLE: Linux system administrator

TYPE OF CONTRACT: PSA

DUTY STATION: Rome HQ

ORGANIZATIONAL UNIT: INFORMATION TECHNOLOGY DIVISION (CIO)

DURATION: Up to 11 months

FAO seeks gender, geographical and linguistic diversity in its staff and international consultants in order to best serve FAO Members in all regions.

Qualified female applicants and qualified nationals of non-and under-represented member countries are encouraged to apply.

Persons with disabilities are equally encouraged to apply.

All applications will be treated with the strictest confidence.

Organizational Setting

The Information Technology Division (CIO) is responsible for all IT activities within the Organization. CIO performs on behalf of the Organization the following critical roles: defining FAO IT policies and providing strategic advice on IT architecture and standards, governance, policy and operational matters while monitoring organizational compliance; defining the mechanisms for managing FAO's information and data; protecting FAO's information assets and ensuring confidentiality, integrity and availability; ensuring provision of IT services that are core for the Organization's global operations and supporting the information and business processes; coordinating organization-wide IT activities in order to reduce duplication and fragmentation and to increase integration of information data, systems and platforms, mobilizing IT resources from across the Organization.

Reporting Lines

Under the direct supervision the Systems Administration team leader and the overall supervision of the Senior IT Services Officer CIO, the consultant will be responsible for daily provision of systems administration functions.

Technical Focus

The Linux systems administrator will be responsible for the correct operation of the Linux infrastructure of the organization.

Tasks and responsibilities

All work will be performed in compliance with the appropriate organizational standards and procedures, ensuring all IS/ICT products conform to IT divisional technical, security and quality standards. Specifically, the consultant will:

- Install and configure Linux systems in support of infrastructure, development and project activities using in house and/or cloud infrastructure resources as needed;
 - Install and maintain operating system patches and upgrades, security patches on all Linux systems, using automated processes where possible;
 - Perform daily system monitoring, verifying the integrity and availability of all hardware, server resources, systems and key processes, reviewing system and application logs;
 - Perform ongoing performance tuning (configuring CPU, memory, and disk partitions as needed) and perform hardware upgrades and resource optimization as required;
 - Perform regular security monitoring to identify any possible intrusions and contribute to maintaining the security posture of IT systems in accordance with CIO IT Security recommendations;
 - Apply O/S upgrades and security patches on a regular basis, and upgrade administrative tools and utilities. Configure/add new services as necessary;
 - Research and implement innovative and, where possible, automated approaches for system administration tasks;
 - Investigate and troubleshoot issues;
 - Perform daily backup operations, ensuring all required file systems and system data are successfully backed up to the appropriate media.
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CANDIDATES WILL BE ASSESSED AGAINST THE FOLLOWING

Minimum Requirements

- University degree or relevant educational certification in Computer Science, IT Engineering, Professional Software Engineer or closely related discipline.
- Working knowledge of English
- At least 7 years of relevant experience in UNIX/Linux system administration field

FAO Core Competencies

- Results Focus
- Teamwork
- Communication
- Building Effective Relationships
- Knowledge Sharing and Continuous Improvement

Technical/Functional Skills

- Extent and relevance of work experience in Linux/UNIX systems administration field (HP-UX, RedHat)
- Minimum 5 years' experience with enterprise SAN administration
- Minimum 3 years' experience with backup management systems (HP Data Protector, Commvault Simpana)
- Familiarity with Perl and shell scripting languages
- Extent and relevance of work experience in the development and implementation of shell scripts and knowledge of configuration tools such as Chef/Ansible
- Extent and relevance of work experience in Cloud and Hybrid Cloud Operations
- Extent and relevance of work experience and knowledge of Deployment Pipeline, Software Development Lifecycle and Continuous Integration and Continuous Delivery
- Number of certifications achieved among: RHCE, RHCSA, AWS professional, VCP6-DCV
- Able to operate effectively in a team, contributing positively to team operations and working relationships

Selection Criteria

- years of experience
- field of work and area of specialization
- education
- language
- assessments through interview

Please note that all candidates should adhere to *FAO Values of Commitment to FAO, Respect for All and Integrity and Transparency*.

ADDITIONAL INFORMATION

- FAO does not charge a fee at any stage of the recruitment process (application, interview meeting, processing).
- Incomplete applications will not be considered. If you need help, or have queries, please contact: iRecruitment@fao.org
- Applications received after the closing date will not be accepted.
- Only language proficiency certificates from UN accredited external providers and/or FAO language official examinations (LPE, ILE, LRT) will be accepted as proof of the level of knowledge of languages indicated in the online applications.
- For other issues, visit the FAO employment website: <http://www.fao.org/employment/home/en/>

HOW TO APPLY

To apply, visit the iRecruitment website at <http://www.fao.org/employment/irecruitment-access/en/> and complete your online profile. Only applications received through iRecruitment will be considered.

Candidates are requested to attach a letter of motivation to the online profile.

Vacancies will be removed from iRecruitment at 23:59 Central European Time (CET) on the deadline for applications date. We encourage applicants to submit the application well before the deadline date.

If you need help, or have queries, please contact: iRecruitment@fao.org

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