



global services

Job Description - Senior Sys Admin

Job Description	Senior SYS ADMIN
Owner	Thomas Lalaux
Team	Build
Reporting to	Build Team Leaders
Updated Date	30/03/2021
Approved by	Thomas Lalaux

#### POSITION OBJECTIVE

You will support infrastructure configuration and monitoring instrumentalisation of infrastructure for the country your operation and support dev teams in devops approach

#### RESPONSIBILITIES

- Guarantee correct configuration on infrastructure for IT Landscape on operation (network, dbs, clustering, servers)
- Able to establish deadline to check limits, configurations to review
- Guarantee security recommendations are followed and mitigation on risk for infra.
- Coordinate changes with deadlines for BUILD changes
- Scalate risks
- Support on planning required for infrastructure to your BUILD team and execution of these tasks.
- Automate the operations, measuring and reducing the manual work
- Organise actions to apply devops approach and infra as a code concepts
- Discuss with local architects and SRE to prepare go lives (Monitoring and recurrent controls on backup, storage, disaster recovery, jobs,...)
- Improve the reliability of IT Productions Services.
- Optimise the costs / Cost control of Development environments.
- Batch management
- Keep a positive dialogue with the other departments and customers for incident corrections
- Support on build projects on all activities required before release.
- Purge or slim of DB throw scripts.

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## DESIDERABLE PROFILE (KNOWLEDGE AND EXPERIENCE)

### Technical Knowledge (Tools)

- Master or Bachelor degree in Computer Science
- Advanced sysadmin knowledge: mainly Linux
- Ability to solve complex problems analytically.
- Ability to do research and work with subject matter experts when necessary.
- Apache, Tomcat, HAPROXY
- Configuration management tools (Puppet, Chef...)
- Knowledge of networking
- Database: Oracle, SQL Server, PostgreSQL, RedShift...
- Monitoring: Nagios, Prometheus, ELK, Cloud Watch...
- Scripting: Bash, Python, Ruby...
- Experience with Apache and other Web Servers
- Containers
- Knowledge of Networking and Strong background in troubleshooting
- Documentation and processes design
- Experience with automation/configuration management using either Puppet, Chef or an equivalent
- Ability to use a wide variety of open source technologies and cloud services
- Knowledge of best practices and IT operations in an always-up, always-available service
- Familiarity with CI (continuous integration) tools
- Knowledge of VoIP (Asterisk, Cisco or similar);
- Experience in managing AWS and other Cloud Services.
- SVN / GIT.
- Microservices.
- Rundeck.
- Jenkins.

### Nice to have:

- Gitlab
- Phabricator
- GW
- Alfresco
- TH Appliance
- DWH

### Required Experience (#years)

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- 5+ years experience at least on Linux / Unix systems:
  - Web servers
  - DNS
  - SMTP configurations
  - Load Balancing and High Availability
  - FTP
  - Tomcat
  
- +3 years experience on Virtualization
  - Vmware
  - KVM
  - AWS
  - Azure
  
- +3 years experience on Databases
  - SQL Server
  - PostgreSQL
  
- +3 years experience on Automation and Configuration tools
  - Rundeck
  - Puppet
  - Ansible
  - Chef
  
- +3 years experience on Networking
  - Routing
  - Iptables
  - Troubleshooting

#### Personal Skills

- Good communication at English level: B2
- Ability to work on teams and influence less senior team member
- Initiative
- Analytical skills
- Ability to solve complex problems analytically.
- Problem-solving ability

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- Curiosity and target-oriented.
- Passion to build with high quality
- Able to communicate on issues, designs and technical issues efficiently
- Self-organised
- Can do attitude
- Result oriented

Changelog

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