

Job Description

System and Network Administrator

Under the responsibility of the head of the Information System Manager, the role of the System and Network administrator is to ensure the proper technical operation of the School Information System and perform the support and training of all users.

IT Department in figures:

- 5 servers hosting 18 VM
- 120 tablets and iPads
- 330 laptops and computers under Windows 8.1 et 10
- 60 video projectors et 20 Interactive Whiteboards
- 60 Access Point (Unifi)
- 700+ user accounts (roaming profiles, Office 365 accounts)

The Main Missions:

The IT System and Network Administrator will report hierarchically to the Information System Manager. He will work in a transversal way with all the School's departments.

Administration of:

- Virtualization platforms EsXi (4 servers 8 VM CentOS, 4 VM Windows and 6 VM Windows 2012R2 and 2016)
- Servers infrastructure CentOS 7, Debian, Windows 2012R2, 2016 and Active Directory
- Web Hosting Infrastructure: LAMP and LEMP on CentOS7 Servers
- Servers Backup (Windows Backup) and VM (XSI Backup Pro)
- School network equipment hardware: DELL switches, Fortigate firewall
- Software deployment on request (WSUS Package Publisher, WAPT), MSI packages creation
- Image platform deployment: MDT
- WSUS service
- Cloud solution for users: Nextcloud
- Blogging platform: WordPress Multisites
- Application portal: LemonLdap-NG
- Supervision tools (Zabbix) and inventory management (OCS Inventory)
- Office 365 (Powershell) and Gsuite (GADS)

Support:

- Installation, configuration and image management of workstations
- Ensure proper educational software installation on workstations
- Installation, configuration and maintenance of the network infrastructure
- Helpdesk for end users (oS Tickets)
- Help in training users and complying with security rules & policies
- Ability to write technical documentation

- Monitoring inventory and network plans (OCS)
- Follow-up equipment loans
- Hardware selection process

This list of missions and tasks is non-exhaustive and can be modified to meet the needs of the service.

Required skills:

Excellent command of:

- Network infrastructure (installation, administration, maintenance and sécurité)
- OS: Windows 8.1, 10, 2012R2 and 2016
- Linux: Debian, CentOS 7
- Mac: IOS (iPad)
- VMWare Virtualization environment and tools (EsXi, Vsphere 6.7) et XSI Backup Pro.
- PHP, Powershell, Shell's scripts, Apache, MySQL , MariaDB
- Active Directory, GPO, WSUS, MDT, SSH
- Office 365 / Gsuite for Education
- Fortigate firewall
- NAS (Synology)
- Secure configuration aspects of above technologies (in line with best practice, e.g. CIS Benchmarks)

- Spoken and written language: English