**Key requirements:**

|  |  |
| --- | --- |
|  | **Y/N:** |
| Red Hat RH-CSA certification 8.x or equivalent Linux certification (LPI, etc.) |  |
| Red Hat Ansible Automation Platform Administration; |  |
| VMware vSphere 7.0 and VMWare VSAN Administration; |  |
| VMware Virtualization & Clustering; |  |
| HPE Proliant and Synergy bladecenter; |  |
| Nagios Core, nconf, Nagvis, Cacti, Net-Snmp, MariaDB, Grafana |  |
| Network: Basic knowledge of firewalling, load-balancing, switching and routing; |  |
| Security: IAM, PKI, mTLS, CIS hardening, VM encryption, Key Mgmt System |  |
| DevOps: Git, Ansible, Bash, Python, Yaml, Perl |  |
| Storage: SAN, Fibre channel, NFS, CEPH, S3 object storage; |  |

**Other requirements:**

• Knowledge of Red Hat OpenShift and container orchestration is a plus

**Main Functions:**

The Linux (Red Hat) System engineer will integrate the ATOS’ Infrastructure Operations Team for the “eu-LISA (EES)” contract. This contract is led by the consortium LIA (consisting of Leonardo. IBM (consortium lead) and Atos).

He will be responsible to:

·        Install and configure Red Hat software products.

·        Develop and maintain automation scripts using Ansible/Python for configuration management

·        Maintain and update Red Hat products Infrastructure

·        Acknowledge, troubleshoot and resolve tickets that are assigned to the team in a correct way.

·        Escalate incidents internally or to 3rd party partners when required.

·        Participate, on a punctual basis, on specific projects related to his/her specialty.

**Duties:**

* Installs and configures servers with Red Hat Enterprise Linux OS and system components;
* Maintains and adapts the configuration of server software and system components lifecycle Management;
* Leverages Red Hat Ansible Automation Platform whenever and wherever possible;
* Designs and implements Red Hat solutions
* Hands-on knowledge about Red Hat Ceph Storage is a plus;
* Maintains and monitors the infrastructure: Incident resolution, Problem resolution;
* Troubleshooting, co-ordination with third party suppliers as well as with the central IT department of the customer;
* Advises the project team and eu-LISA in areas such as capacity management;
* Contingency planning, environment planning, configuration management and other relevant tasks related to the role;
* Maintains the relevant documents/manuals describing the system and its infrastructure;
* Gives training to eu-LISA 1st and 2nd line support about subject matters in scope;   
  Provides input to organize and to hold knowledge transfer sessions;
* Participates in standby 7x24 (1 week per month);
* Provides input for Incidents/Problems/Defects post closure analysis to the LIA Incident/Problem Manager and/or the Technical Team Leader;
* Uses Vmware vSphere and vCenter knowledge and experience.

**Working Conditions:**

* Work shifts of 8 hours covering the time range between 08h30 and 18h30 from Monday to Friday with some flexibility required when overtime is exceptionally needed.

**Service Description:**

·        The consortium LIA has been awarded the contract to provide both applications and infrastructure services for the Entry Exit System (EES) of the EU.

·        The consortium LIA must ensure the setup and “Maintain in Working Order - MWO” of the entire EES system. In this context, Atos is specifically responsible for the Corrective-, Perfective-, Preventive-, Adaptive and Evolutionary Maintenance of eu-LISA’s DC infrastructure (eu-LISA primary DC in Strasbourg as well as eu-LISA secondary DC in Sankt Johann im Pongau (near Salzburg), Austria). In this context, Atos is too responsible of main transversal roles as Knowledge Manager, Change Manager, Configuration Manager, Supplier Manager, ….