

Senior IT Infrastructure Engineer (Windows)

at Extreme Light Infrastructure - Nuclear Physics (ELI-NP) Research Facility

Job Description and Candidate's Profile

Position Description

The Senior IT Infrastructure Engineer's activity consists in providing advanced engineering, operating, and subject matter expertise for the virtualized IT infrastructure of ELI-NP. The primary focus area consists of the hypervisor layer (Microsoft HyperV) and of the associated components, services and/or applications. Furthermore, the IT Infrastructure Engineer will provide specialist support for the preparation and/or review of the technical documentation for IT equipment purchases within the ELI-NP group.

Main tasks

- Produce and operate complex, enterprise-level designs for the Microsoft HyperV virtualization platform and ensure its optimal, highly-available functioning.
- Install, configure, and maintain the virtualisation infrastructure components and related third-party software utilities within the operational guidelines of the Institute.
- Root Cause Analysis and Problem Management for the services related to the aforementioned items.
- Serve as an escalation point for complex internal support and troubleshooting cases.
- Perform daily system monitoring, verifying the integrity and availability of all underlying resources, systems and key processes, periodically reviewing system and application logs.
- Create and maintain system documentation for domain technologies, including installation, configuration, and appropriate troubleshooting steps.
- Provide knowledge transfer to colleagues as required
- Effectively collaborate with cross-departmental teams and provide SME guidance/feedback.
- Be involved in providing advanced technical support for the infrastructure services (compute, storage, networking) offered by the ELI-NP IT group;

Requirements for filling the position

- ✓ Higher education graduate with an engineering diploma, preferably in a computer-science related major;
- ✓ Minimum 5 years overall IT experience with 3-5 years of experience working with Microsoft virtualization technologies. Experience with Microsoft Host Guardian Services represents a big plus.
- ✓ In-depth knowledge of Microsoft Windows Server/HyperV 2016 based virtualization technologies. Familiarity with other server-side infrastructure elements/roles from the Microsoft stack is considered a plus. Insight in alternative virtualization solutions (commercial or open-source) can also represent an advantage.
- ✓ Experience in monitoring and automating the virtualization infrastructure (SCCM/SCOM families, PowerShell scripting, etc.).
- ✓ Solid networking knowledge, especially in relation to the virtualization stack.
- ✓ Vendor certifications that apply to the aforementioned technologies and/or products are considered a plus.
- ✓ Up-to-date knowledge of and practical experience with industry best practices or standards, both IT- and security-oriented (topics such as backup & replication, hardening, etc.).
- ✓ Solid general understanding of enterprise-level IT systems and of the associated operational and security requirements;
- ✓ Experience in interacting with vendors and solutions/technology providers.
- ✓ Good interpersonal skills, a strong team spirit and a result-oriented attitude, as well as a capability to deliver when working under tight deadlines.
- ✓ Ability to establish new standards for quality, performance or productivity
- ✓ Fluent in English;

Conditions of employment

- ★ Full time position, based in Bucharest - Măgurele, Romania, for one year with the possibility of extension;
- ★ Member of an ambitious, dynamic and result-oriented team operating in a friendly international working environment;
- ★ Rare opportunity to further your career in a modern IT environment that supports a world-leading scientific project;
- ★ Chance to take on IT challenges that go beyond the 'usual' office/enterprise environment by crossing into high performance / high throughput computing;
- ★ Motivating package (salary, trainings, etc.) according to your qualifications and (practical) experience.

Applications

- ✓ Applications shall be accompanied by the documents requested in the Rules of Selection for this position.

- ✓ Applications shall be sent to the Human Resources Department at human.resources@eli-np.ro.