Opportunity for a System & Infrastructure Engineer

Join the dynamic and multicultural team behind one of the largest top-level domains in the world, .eu (also available as.ею and .ευ)!

Our human-sized, tech-oriented, not-for-profit organization is dedicated to managing, operating and promoting the .eu TLD with a mission to provide high-quality, secure, and accessible services to millions of users across the EU and beyond. We are constantly pushing the boundaries with cutting-edge technology and innovative solutions.

Operating .eu, since its creation in 2003, EURid has built a very strong technical expertise in the Top-Level Domain industry. EURid is transforming to adapt better to a highly regulated yet fast-evolving tech environment, with new threats and opportunities rising every day.

Today EURid is embarking on a journey to modernize its infrastructure with a new Standard Operating Environment that is more automated, secure and resilient.

As a System & Infrastructure Engineer at EURid, you will play a key role in shaping the future of the EU Internet Zone. You will be responsible for designing, maintaining, and evolving our infrastructure, ensuring the reliability, performance, and security of our systems. This is a hands-on engineering role with strong involvement in DNS operations, automation, orchestration, observability, and next-generation infrastructure technologies.

Key Responsibilities:

- Design, implement, and maintain highly available Linux-based infrastructures in our datacenters.

- Operate and maintain domain registration services and authoritative DNS infrastructure, ensuring high availability, performance, and security in line with NIS2 directive.

- Deploy, configure, and monitor authoritative DNS server software (BIND, NSD) and registration services (Java, Python, Postgres, RabbitMQ).

- Manage and optimize virtualization, containerization, and orchestration platforms (VMware, Docker, Kubernetes).

- Contribute to network infrastructure administration, including routing, firewalls, and security appliances.

- Develop automation and Infrastructure as Code (IaC) solutions to improve reliability and operational efficiency.

- Ensure observability and monitoring using tools such as Prometheus, Grafana, and Graylog.

- Collaborate with external DBA service providers (EDB) and track their activities, while maintaining the underlying infrastructure for PostgreSQL databases, including OS tuning, storage, replication, and monitoring.

- Collaborate with development, security, and operations teams to support CI/CD and service reliability.

- Participate in on-call rotation to ensure 24/7 service availability.

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- Stay up to date with emerging technologies, industry standards and help guide EURid's infrastructure evolution.

Qualifications:

Education & Experience:

- Degree in Computer Science, IT, or related field.

- 5+ years of experience in infrastructure or system engineering roles.

- Proven expertise in designing and operating Linux-based infrastructures in production.

- Experience in networking, security operations, and datacenter environments.

Technical Proficiencies:

- Solid foundation in Linux (RHEL derivatives such as AlmaLinux or Rocky Linux).

- Strong understanding of DNS protocols, authoritative DNS server software (BIND, NSD), and DNSSEC operations.

- Hands-on experience with virtualization (VMware or similar) and containerization/orchestration (Docker, Kubernetes).

- Experience in maintaining PostgreSQL infrastructure (replication, clustering, backups, monitoring), in collaboration with external DBA services.

- Strong skills in automation and Infrastructure as Code (IaC) using tools such as Ansible, Terraform, or Rundeck.

- Experience with observability stacks (Prometheus, Grafana, ELK/Graylog).

- Strong knowledge of networking infrastructure and security technologies, ideally with Juniper and Palo Alto solutions.

- Familiarity with CI/CD platforms (Atlassian suite or Gitlab is a plus).

- Experience with identity and access management solutions, such as Microsoft Active Directory.

- Experience contributing to infrastructure architecture and documenting systems and processes is considered a strong plus.

Soft Skills:

- Strong problem-solving and troubleshooting skills in complex environments.

- Collaborative and open-minded, able to share expertise with others while also appraising the knowledge and support of colleagues.

- Curious, proactive, context sensitive, and eager to continuously learn and improve.

- Structured and diligent, able to document systems and share knowledge effectively.

- Fluent in English.

What we offer:

- A dynamic and international work environment.

- A competitive compensation package that includes a competitive salary, a company car, meal vouchers, a comprehensive group and health insurance plan and additional holidays.

- Healthy work-life balance including hybrid work.

- Opportunities for growth and development.

- A role that supports a high-impact, high-visibility European digital initiative.

You will join a highly skilled, mission-driven team working on projects that matter for Europe's digital future. So don't miss this exciting opportunity to take your System & Infrastructure engineering career to the next level and help build the future of the Internet in Europe.

Send your details or contact us via jobs[at]eurid[dot]eu

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