

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 .euo and .eu).

EURid is a human-sized, tech-oriented, not-for-profit organisation dedicated to managing, operating, and promoting the .eu top-level domain. Since its creation in 2003, EURid has built strong technical expertise in the top-level domain industry and delivers high-quality, secure, and accessible services to millions of users across Europe and beyond.

Today, we are evolving our platform to meet new regulatory, security, and technological challenges, with a focus on automation, observability, resilience, and long-term digital sovereignty. To support this transformation, we are looking for a System & Infrastructure Engineer to join our Belgium office (Diegem).

Role description

As a System & Infrastructure Engineer at EURid, you will be responsible for designing, operating, and evolving production-grade infrastructure. You will contribute directly to the reliability and performance of critical services, including authoritative DNS and domain registration systems.

Key responsibilities

You will contribute across several domains:

Infrastructure and platforms

- Design, implement, and maintain highly available Linux-based infrastructures in our datacentres
- Manage and evolve virtualization and containerisation platforms (VMware, Docker, Kubernetes), and contribute to private cloud environments
- Contribute to the design and evolution of infrastructure, with a focus on reliability, resilience, and lifecycle management

DNS and registry services

- Operate and maintain large-scale authoritative DNS infrastructure
- Operate and maintain registry services in production, and manage deployments across environments
- Support domain registration services and associated backend systems (Java, Python, PostgreSQL, RabbitMQ)
- Ensure high availability, performance, and security of core registry services

Automation and observability

- Develop automation and Infrastructure as Code (IaC) solutions using tools such as Ansible or Terraform
- Contribute to CI/CD practices and operational efficiency

EURid vzw

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- Monitor systems and services in production, ensuring early detection of incidents and performance issues
- Implement and maintain observability stacks (Prometheus, OpenTelemetry, Grafana, ELK, Graylog)

Database platform operations

- Operate PostgreSQL infrastructure (replication, backups, monitoring, system-level performance)
- Collaborate with specialised external DBA providers for advanced database optimisation and tuning

Networking and security

- Contribute to network infrastructure operations, including routing, firewalls, and traffic flows
- Support distributed systems and DNS-related network behaviour (including anycast environments)
- Work with enterprise architecture and security teams to ensure infrastructure aligns with regulatory and security requirements

Collaboration and operations

- Work closely with development and security teams to ensure service reliability
- Participate in on-call rotation to support 24/7 service availability
- Contribute to documentation and continuous improvement of systems and processes
- Stay up to date with emerging technologies and industry practices

Your profile

Education and experience

- Degree in computer science, IT, or a related field
- 5+ years of experience in system or infrastructure engineering roles, with strong hands-on experience in production environments

Technical skills

- Strong foundation in Linux (RHEL derivatives such as AlmaLinux or Rocky Linux)
- Experience with virtualization and containerisation technologies (VMware, Docker, Kubernetes), and exposure to private cloud platforms (e.g. OpenStack-based solutions)
- Experience with automation and IaC tools such as Ansible, Terraform, or Rundeck
- Solid scripting and programming skills (e.g. Python, Bash), with the ability to develop automation and understand application code
- Experience operating DBMS (such as PostgreSQL) infrastructure (replication, backups, monitoring), in collaboration with DBA services
- Solid understanding of networking fundamentals (TCP/IP, routing concepts, BGP basics), knowledge of networking and security technologies (e.g. Juniper, Palo Alto) is a plus
- Good understanding of DNS, including authoritative DNS and DNSSEC principles

- Experience with identity and access management solutions
- Familiarity with observability stacks (Prometheus, OpenTelemetry, Grafana, ELK, Graylog)
- Familiarity with CI/CD and collaboration tools such as Atlassian (Jira, Jira Service Management, Confluence), GitLab, and Nexus
- Familiarity with backup and recovery solutions such as Commvault is a plus

Soft Skills

- Strong problem-solving and troubleshooting skills in complex environments
- Strong sense of ownership and accountability
- Service-oriented and pragmatic mindset
- Collaborative mindset, with the ability to work across teams and share knowledge
- Curious, proactive, and eager to learn and improve
- Structured and diligent, with attention to documentation and quality
- Good communication skills in English

What we offer

- The opportunity to work on critical European internet infrastructure
- A hands-on role with real impact in a small, expert-driven team
- 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 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 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](mailto:jobs@eurid.eu)