

Senior Infrastructure DevOps Engineer

Location: National*

Closing Date: 16th May 2023

Interviews: 14th and 15th June 2023

Grade: 7

(MoJ candidates who are on a specialist grade, will be able to retain this grade on lateral transfer)

Salary: London: £55,720 - £73,875 which may include an allowance up to £18,155

National: £51,767 - £69,150 which may include an allowance up to £17,383

Working pattern: Full Time, Part Time, Flexible Working

Contract Type: Permanent

Vacancy number: 74947

***We are currently offering hybrid working which includes 2 days per week in your local office. Office locations can be found [HERE](#)**

The Role

We're recruiting for a **Senior Infrastructure DevOps Engineer** here at [Justice Digital](#), to be part of our warm and collaborative Network, Voice, Video and Hosting Services team.

These are exciting times at Justice Digital. We have a clear vision - to develop a digitally enabled justice system that works simply for its users - and we're looking for enthusiastic, talented people to help us achieve it.

We're making things better by building adaptable, effective services and making systems that are simple to use for staff and citizens. It can be challenging but it's also important and rewarding.

As well as doing interesting work, we're creating an environment that's great to work in. We provide the opportunity to work with the latest technologies and offer brilliant training opportunities alongside support from expert colleagues. On top of that, you'll find flexible working, an inclusive culture, and a place where your opinion is valued.

Please note: We have a number of roles available therefore, if you are not successful in this campaign, you may be offered a lower grade role (SEO).

To help picture your life at [MoJ Justice Digital](#) please take a look at our [blog](#) and our [Digital and Technology strategy 2025](#)

Key Responsibilities:

- Help build and run user-centred, modern and open-source platforms for network, voice, video and hosting teams that enables the Ministry of Justice (MOJ) to deliver services across the UK
- Manage, configure and deploy network infrastructure in AWS through code
- Be responsible for automating the deployment of services that follow standard patterns, or components of systems that are more complex
- Using scripting or tools, to automate current manual processes minimising human effort
- Share knowledge of tools and techniques with the wider team and community, both developers and non-developers growing awareness, inclusivity and balance
- Act as the technical SME on project teams, providing advice, knowledge sharing and technical assistance to other sections of the MOJ's digital estates
- Participate in 3rd line support during office hours, and sometimes out of hours (for which you'll be paid an allowance and further hourly payment when on call)
- Work collaboratively as standard, using modern developer practices like paired programme to develop the skills of others in your team and ensure quality
- Participate in the professional development of themselves and others
- Lead on and implement development of features pertinent to the platforms, defining best practice is carried out throughout the development life cycle

If this feels like an exciting opportunity, something you are enthusiastic about, and want to join our team please read on and apply!

Person Specification

Essential

- Excellent knowledge of LAN switching, (VLAN's, Spanning Tree, Trunking, Link Aggregation) network security (NAC and PKI) technologies and a strong knowledge of client and site to site VPN, SSL, IKEv1, IKEv2
- Good knowledge of network services, (DNS, DHCP, HSRP, QoS, SNMP, Netconf, NetFlow), routing protocols (AWS, Azure), IP addressing, subnetting, network monitoring and management technologies and products, including advanced Wi-Fi and firewall design, implementation and configuration (Juniper MIST, Meraki, Aruba, Ports, Rules, Filtering, NAT) ie Cisco, Palo Alto, Juniper or other vendors

- Have an understanding of version control, use of containers and minimal operating systems, container orchestration such as Kubernetes or ECS, test-driven development and an appetite to learn
- Review specifications, evaluate, design, configure, develop, test, deploy and monitor programs/scripts of medium to high complexity, using the proper standards and tools. eg security focused tools/infrastructure systems in a global environment
- Design systems characterised by medium levels of risk, impact, and business or technical complexity. You know how to select appropriate design standards, methods and tools and ensure they are applied effectively
- You can review the systems designs of others to ensure the selection of right technology, efficient use of resources and the integration of multiple systems and technology, using a variety of technologies such as **Ruby, Ruby on Rails, Python, Kubernetes, Docker, ECS Fargate, AWS and Azure** for infrastructure, **Grafana** and **Prometheus** for monitoring, **Terraform** and **CloudFormation** for infrastructure provisioning, **Github** and **Github actions** for code management
- Good knowledge of network automation tools and technologies (i.e. RESTful API's, JSON, XML, YANG, Python, Ansible, Terraform, Git, Jinja)

Willingness to be assessed against [the requirements](#) for SC clearance

Benefits

- 37 hours per week and flexible working options including working from home, working part-time, job sharing, or working compressed hours.
- We are committed to nurturing our staff and provide lots of training and development opportunities with learning platforms such as: Linux Academy, O'Reilly, Pluralsight, Microsoft Learning, Civil Service Learning
- 10% dedicated time to learning and development with a budget of £1000 a year per person
- Generous [civil service pension](#) based on defined benefit scheme, with employer contributions of 26-30% depending on salary.
- 25 days leave (plus bank holidays) and 1 privilege day usually taken around the Kings' birthday.
- 5 additional days of leave once you have reached 5 years of service.
- Option to buy or sell annual leave
- Compassionate maternity, adoption, and shared parental leave policies, with up to 26 weeks leave at full pay, 13 weeks with partial pay, and 13 weeks further leave. And maternity support/paternity leave at full pay for 2 weeks, too!
- Wellbeing support including access to the Calm app.
- Nurturing professional and interpersonal networks including those for Careers & Childcare, Gender Equality, [PROUD](#) and [SPIRIT](#)

- Bike loans up to £2500 and secure bike parking (subject to availability and location)
- Season ticket loans, childcare vouchers and eye-care vouchers.
- 5 days volunteering paid leave.
- Free membership to BCS, the Chartered Institute for IT.
- Some offices may have a subsidised onsite Gym.

We welcome the unique contribution diverse applicants bring and do not discriminate on the basis of culture, ethnicity, race, nationality or national origin, age, sex, gender identity or expression, religion or belief, disability status, sexual orientation, educational or social background or any other factor.

Our values are Purpose, Humanity Openness and Together. Find out more [here](#) about how we celebrate diversity and an inclusive culture in our workplace.

How to Apply

Candidates must submit **a CV and Personal Statement (c.750 words)** which describes how you meet the requirements set out in the Person Specification above.

In Justice Digital, we recruit using a combination of the [Digital, Data and Technology Capability](#) and [Success Profiles](#) Frameworks. We will assess your Experience and Technical Skills during the assessment process.

Your application will be reviewed against the Person Specification above by a diverse panel.

Successful candidates who meet the required standard will then be invited to a 1-hour panel interview held via video conference.

Terms & Conditions

Please review our [Terms & Conditions](#) which set out the way we recruit and provide further information related to the role and salary arrangements.

If you have any questions please feel free to contact recruitment@digital.justice.gov.uk