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Principal Technical Architect - Data Centre and Edge Services

Home Office

Apply before 11:55 pm on Wednesday 26th February 2025



Reference number

388390

Salary

£73,900 - £85,690

National: £73,900 - £81,290

London: £77,900 - £85,690

New entrants to the Civil Service will start their role on the salary band minimum. You may be eligible for an additional non-pensionable allowance, pending a Capability and Skills assessment, with a value of up to £21,700.

A Civil Service Pension with an employer contribution of 28.97%

Job grade

Grade 6

Contract type

Permanent

Business area

HO - Digital Data and Technology

Type of role

Analytical

Digital

Information Technology

Working pattern

Flexible working, Full-time, Compressed hours

Number of jobs available

2

Contents

Location

About the job

Benefits

Things you need to know

Apply and further information

Location

Croydon, Liverpool, Manchester

About the job

Job summary

The Digital Data and Technology (DDaT) profession enable the Home Office to keep the UK safe and secure. They do this by designing, building, and running the services that help people apply for visas or passports, support policing and counter-terrorism operations, and protect the UK's borders.

As a Principal Technical Architect at the Home Office, you will play a key role in leading the design, implementation, and continuous operation of our Datacentre Infrastructure, Private Cloud, and Edge capabilities that form the backbone of our critical systems and services. In this senior leadership position, you will be responsible for developing robust, secure, and scalable architectural solutions, focusing on hybrid environments that span both on-premises systems and public cloud platforms like AWS and Azure.

You will take charge of guiding third-party suppliers in the design of a diverse range of projects that introduce new capabilities across the Home Office. This position requires a strategic thinker with a collaborative approach, working closely with multidisciplinary teams, suppliers, and external partners to ensure that our infrastructure is designed and deployed with a focus on security, reliability, and performance.

By embedding Secure by Design principles into all aspects of your work, you will help protect our operations, data, and resources, while ensuring seamless integration across all digital initiatives. Your leadership will ensure the alignment of infrastructure strategies with broader business goals, enabling the delivery of secure, scalable, and high-performing solutions.

Due to business requirements this post is available on a Full Time/Flexible Working basis. Where business needs allow, some roles may be suitable for a combination of office and home-based working. Where this is the case, employees will be expected to spend a minimum of **60% of their working time in the office**. Applicants can raise any queries to the email address at the bottom of the advert.

We value diversity and inclusion and welcome applications from the widest diversity of backgrounds, cultures, and experiences. We particularly encourage applications from women, people with disabilities and LGBT+ as they are currently under-represented in the Home Office at this grade level. Appointments will be made on merit based on fair and open competition.

Job description

A Principal Technical Architect for Data Centre and Edge Platform Services leads at the highest level, has the highest technical understanding of the broadest range of Data Centre, Edge and Private Cloud technologies used across the estate and works with the Head of Role to define technical strategy, making sure it is agreed and followed.

As a Principal Technical Architect for Data Centre and Edge Platform Services, you will network and communicate with senior stakeholders, both technical and non-technical, across the organisation and proactively seek out opportunities for digital transformation. You will manage diverse teams across multiple locations, finding and using best practice and emerging technologies and inspiring other architects, helping them understand how to deliver the goals of the organisation.

You will be the design authority for the Data Centre, Edge Platform and Private Cloud Services portfolio that underpin Critical National Infrastructure and will be responsible for governance, solving complex and high-risk issues and delivering architecture design. You will have a detailed knowledge of technical requirements to implement, design and manage associated technologies.

You will have a genuine interest in new technologies and bring this passion to the role to ensure the Home Office remains at the forefront of technical advances.

Person specification

Your **main day to day responsibilities** will be:

Owning the creation and delivery of the technical platforms for Data Centre, Edge and Private Cloud Platform Services, include brokering decisions and bridging technical and business disputes by weighing up risk, complexity impact and deliverability.

Presenting recommendations for technologies or improvements to enhance systems to support project goals clearly to senior management, based on knowledge of IT and analysis of systems needs.

Leading the design and review processes for new solution and services, translating technical concepts between systems engineering, delivery management and service management at a national scale.

Developing and documenting the proposed technical design for the integration and implementation of any solution, working with and across other areas of Home Office Government Digital and Data Profession and the business.

Creating detailed plans for the integration of new systems architecture into existing infrastructure, considering the broader context and strategies of the organisation.

Leading the development of the architectural practice, ensuring a coherent and consistent strategy across cyber, cloud, data centre, storage, network, mobile and the user experience of infrastructure.

Essential skills

You ll have a demonstrable passion for Technical Architecture, with the following skills or proven experience in:

Evidencing strong technical leadership qualities, with a passion for delivering leading edge designs and inspiring a culture of technical excellence and innovative solution design.

Anticipating and advising on future technology changes that present opportunities for the product or programme.

Leading the complex landscapes of technologies, 3rd party suppliers (including leading the procurement and supplier management process), internal and cross-government teams, in delivery of high-profile systems of national scale.

Leading technology teams to adhere to good engineering principles from architecture through to development.

Managing and delivering complex technology solutions within time, cost and quality targets, ensuring solutions are robust, resilient, and appropriately implemented, tested and documented.

Defining, owning and contributing to the technical roadmap and strategy.

SFIA capability framework

Skills for the Information Age (SFIA) is the technical framework that sets the standard capability and development of all levels in the Home Office.

This is a link to the capability framework: [All skills A - Z English \(sfia-online.org\)](https://www.sfiaonline.org). We use set SFIA technical skills to form our interview questions and we will assess you against these technical skills during the selection process.

SFIA levels of responsibility Use the SFIA [Levels of responsibility](#) to understand what would be expected for each Technical Skill listed below.

The essential skills listed above are reflective of the Home Office Government Digital and Data Profession Career Framework (based on the industry standard SFIA framework). Please see below for the relevant skills for your role:

Strategy & Architecture:

Strategy and Planning

Strategic Planning (ITSP) Level 4

Innovation (INOV) Level 4

Enterprise and Business Architecture (STPL) Level 4

Solution Architecture (ARCH) Level 5

Advice & Guidance

Consultancy (CNSL) Level 5

Specialist Advice (TECH) Level 4

Technical skills

We'll assess you against these technical skills during the selection process:

Strategic Planning (ITSP) Level 4

Innovation (INOV) Level 4

Enterprise and Business Architecture (STPL) Level 4

Solution Architecture (ARCH) Level 5

Consultancy (CNSL) Level 5

Specialist Advice (TECH) Level 4

Benefits

Alongside your salary of £73,900, Home Office contributes £21,408 towards you being a member of the Civil Service Defined Benefit Pension scheme.

Find out what benefits a Civil Service Pension provides.

You will also have access to the same benefits available to all civil servants in the Home Office:

An in-year performance bonus scheme.

A Civil Service pension with employer contribution rate of 28.97%, depending upon salary.

25 days annual leave on appointment, plus 8 days public holidays and 1 day for the King's Birthday, rising further with service.

Flexible working options to enable you to achieve the work life balance that is right for you including.

A capability allowance reviewed annually.

Training and development opportunities tailored to your role.

A culture encouraging inclusion and diversity.

Season ticket loans and rental deposit loans.

Cycle to work and payroll giving.

Employee discounts - including a huge number of retailers, Microsoft Home Use programme and gym membership.

A variety of staff recognition schemes including thank you vouchers.

Health and wellbeing initiatives including monthly mindfulness sessions.

Staff support networks.

Maternity, adoption or shared parental leave of up to 26 weeks full pay followed by 13 weeks of statutory pay and a further 13 weeks unpaid.

Maternity and adoption support leave (paternity leave) of 2 weeks full pay.

Up to five days paid leave for volunteering.

Study leave and support for studying for a qualification or other accredited development relevant to your role.

You can find more information at [Benefits - Home Office Careers](#)

Things you need to know

Selection process details

This vacancy is using [Success Profiles \(opens in a new window\)](#), and will assess your Experience and Technical skills.

As part of the application process, you will be required to submit a **CV**.

Remove information that identifies you (for example your name, age or place of education) so that you will be judged on merit alone and not your personal background, circumstances, race or gender. (Do NOT include e-mail addresses or links to online profiles, resumés, or prior work, either personal or business. Active links or e-mail addresses will result in your application being rejected)

Please ensure that all examples provided in your application are taken directly from your own experience and that you describe the examples in your own words. All applications are screened for plagiarism, copying, and generating of examples/ answers from internet sources including Artificial intelligence. If detected, the application may be withdrawn from the process.

Further action, including disciplinary action, may be considered in such cases involving civil servants. Providing false or misleading information would be

contrary to the core values of honesty and integrity expected of all civil servants.

Sift Stage

The sift will be based on the CV only. This is your opportunity to include all relevant experience that relates to our essential criteria listed in the advert and role description.

Also, in the previous skills/experience part of the application you should demonstrate how you meet the essential criteria listed on the Job Specification that you have not covered in your CV.

Interview Stage

Candidates shortlisted will be invited to an interview which will be **Technical (SFIA) based questions**, as detailed on the advert.

Sift and Interview dates

The sift will commence from **27th February 2025**.

Interviews are expected to take place from **21st March 2025**. (Subject to the Panel's operational requirements/priorities).

Interviews will be conducted remotely via MS Teams.

We will try to meet the dates set out in the advert. There may be occasions when these dates will change. You will be provided with sufficient notice of the confirmed dates.

Further information

Please read the essential skills for this position carefully. We will only consider those who meet the listed requirement.

If you have previously made an unsuccessful application for a role with the same essential skills and are not able to demonstrate how you have developed these skills since your last application please reconsider applying as your application is unlikely to be successful.

In order to process applications without delay, we will be sending a Criminal Record Check to Disclosure and Barring Service on your behalf. However, we recognise in exceptional circumstances some candidates will want to send their completed forms direct.

If you will be doing this, please advise Government Recruitment Service of your intention by emailing Pre-EmploymentChecks.grs@cabinetoffice.gov.uk stating the job reference number in the subject heading.

For meaningful checks to be carried out, individuals need to have lived in the UK for a sufficient period of time to enable appropriate checks to be carried out and produce a result which provides the required level of assurance. You should normally have been resident in the United Kingdom for the last 3 years if the role requires CTC clearance, 5 years for SC clearance and 10 years for DV. A lack of UK residency in itself is not necessarily a bar to a security clearance and applicants should contact the Vacancy Holder listed in the advert for further advice.

For further information on National Security Vetting please visit the following page <https://www.gov.uk/government/publications/demystifying-vetting>

Reserve List

A reserve list of successful candidates will be kept for 12 months. Should another role become available within that period you may be offered this position.

UK residency and security requirements

Please note that this role requires Security Check (SC) clearance, which would normally need 5 years UK residency in the past 5 years.

However, in exceptional circumstances security clearance applications for candidates who have been present in the UK for at least 3 of last 5 years may be considered. Failure to meet this residency requirement will result in your security clearance application being rejected.

Similar Roles

Job offers to this post are made based on merit. We often have **similar roles** available at different grades. If a candidate is suitable for a similar role or a lower grade than they have applied for, we may offer the candidate that role without the need to go through a further selection process providing the role has the same competencies and essential skills.

Visa sponsorship

We are unable to sponsor any individuals via Skilled Worker Sponsorship / Tier 2 (General) work visas as we do not hold a UK Visa & Immigration (UKVI) Skilled Worker License.

Capability and Skills allowance

The advertised role is part of the Home Office Government Digital and Data Profession. This role has access to a Digital Capability-Based Allowance. Applicants who are successful at interview will be invited to complete a Capability and Skills Assessment post-interview. Any allowance awarded will be based on the assessment of your capability against the six skills advertised for this role. Please see the attached candidate pack for more information.

The allowance values are set by the Home Office, subject to remaining in a qualifying role, and are non-pensionable. This allowance is non-contractual, subject to an annual review and could be withdrawn at any time.

For both new entrants and existing civil servants, the total compensation offer is a combination of base salary and, if applicable, a capability-based allowance. New entrants to the Civil Service will start on the pay range minimum. For existing civil servants, our policies on [level transfer](#) and [promotion](#) will apply.

Working at the Home Office

Every day, Home Office civil servants do brilliant work to develop and deliver policies and services that affect the lives of people across the country and beyond. To do this effectively and fairly, the Home Office is committed to representing modern Britain in all its diversity, and creating a welcoming, inclusive workplace where all our people can bring their whole selves to work and perform at their best.

We are flexible, skilled, professional and diverse. We work to recruit and retain disabled staff and area Disability Confident Leader. We are proud to be one of the most ethnically diverse departments in the civil service. We are a Social Mobility Foundation top 75 employer.

New entrants are expected to join on the minimum of the pay band.

If you are successful in this position and choose to accept the provisional offer for this role, you will be removed from all other Home Office reserve lists at the same grade.

Applicants who are successful at interview will be, as part of pre-employment screening, subject to a check on the Internal Fraud Database (IFD). This check will provide information about employees who have been dismissed for fraud or dishonesty offences. This check also applies to employees who resign or otherwise leave before being dismissed for fraud or dishonesty had their employment continued. Any applicant's details held on the IFD will be refused employment.

For further information please see the attached notes for candidates which must be read before making an application.

Existing Civil Servants should note that some of the Home Office terms and conditions of employment have changed. It is the candidate's responsibility to ensure they are aware of the Terms and Conditions they will adopt should they be successful in application and should refer to the notes for candidates for further details.

Transfer Terms: Voluntary.

If you are invited to an interview, you will be required to bring a range of documentation for the purposes of establishing identity and to aid any pre-employment checks.

Please see the attached list of Home Office acceptable ID documents.

Any move to the Home Office from another employer will mean you can no longer access childcare vouchers. This includes moves between government departments. You may however be eligible for other government schemes,

including Tax Free Childcare. Determine your eligibility at <https://www.childcarechoices.gov.uk>

Reasonable Adjustments

If a person with disabilities is at a substantial disadvantage compared to a non-disabled person, we have a duty to make reasonable changes to our processes.

If you need a change to be made so that you can make your application, you should:

Contact Government Recruitment Service via HOrecruitment.grs@cabinetoffice.gov.uk as soon as possible before the closing date to discuss your needs

Complete the Assistance Required section in the Additional Requirements page of your application form to tell us what changes or help you might need further on in the recruitment process. For instance, you may need wheelchair access at interview, or if you're deaf, a language service professional

If you are experiencing accessibility problems with any attachments on this advert, please contact the email address in the Contact point for applicants section.

Feedback

Feedback will only be provided if you attend an interview or assessment.

Security

Successful candidates must undergo a criminal record check.

Successful candidates must meet the security requirements before they can be appointed. The level of security needed is [security check \(opens in a new window\)](#).

[See our vetting charter \(opens in a new window\)](#).

People working with government assets must complete [baseline personnel security standard \(opens in new window\)](#) checks.

Nationality requirements

This job is broadly open to the following groups:

UK nationals

nationals of the Republic of Ireland

nationals of Commonwealth countries who have the right to work in the UK

nationals of the EU, Switzerland, Norway, Iceland or Liechtenstein and family members of those nationalities with settled or pre-settled status under the [European Union Settlement Scheme \(EUSS\) \(opens in a new window\)](#)

nationals of the EU, Switzerland, Norway, Iceland or Liechtenstein and family members of those nationalities who have made a valid application for settled or pre-settled status under the European Union Settlement Scheme (EUSS)

individuals with limited leave to remain or indefinite leave to remain who were eligible to apply for EUSS on or before 31 December 2020

Turkish nationals, and certain family members of Turkish nationals, who have accrued the right to work in the Civil Service

[Further information on nationality requirements \(opens in a new window\)](#)

Working for the Civil Service

The [Civil Service Code \(opens in a new window\)](#) sets out the standards of behaviour expected of civil servants.

We recruit by merit on the basis of fair and open competition, as outlined in the Civil Service Commission's [recruitment principles \(opens in a new window\)](#).

The Civil Service embraces diversity and promotes equal opportunities. As such, we run a Disability Confident Scheme (DCS) for candidates with disabilities who meet the minimum selection criteria.

The Civil Service also offers a Redeployment Interview Scheme to civil servants who are at risk of redundancy, and who meet the minimum requirements for the advertised vacancy.

Diversity and Inclusion

The Civil Service is committed to attract, retain and invest in talent wherever it is found. To learn more please see the [Civil Service People Plan \(opens in a new window\)](#) and the [Civil Service Diversity and Inclusion Strategy \(opens in a new window\)](#).

Apply and further information

This vacancy is part of the [Great Place to Work for Veterans \(opens in a new window\)](#) initiative.

Once this job has closed, the job advert will no longer be available. You may want to save a copy for your records.

Contact point for applicants

Job contact :

Name : AC Recruitment

Email : ACRecruitment@homeoffice.gov.uk

Recruitment team

Email : HORECRUITMENT.GRS@CABINETOFFICE.GOV.UK

Further information

If you feel that your application has not been treated in accordance with the recruitment principles, and wish to make a complaint, then you should contact in the first instance

HORECRUITMENT.GRS@CABINETOFFICE.GOV.UK. If you are not satisfied with the response that you receive, then you can contact the Civil Service Commission.

