Site Reliability Engineer / DevOps – IDM [Identity Management]

SREs develop, maintain and operate software that automates the traditional roles of the system administrator.

Challenges of this role

Criteo production systems that run products used by over 11k publishers and 8k e-commerce companies. These products create relevant digital ads in REAL-TIME and cross-devices in 50ms, half a million times per second. The operations platform is one of the largest commercial system in the world - spread across three continents and 8 datacenters with more than 17,000 servers.

The Identity Management (IDM) team ensures that all Criteo environments are reachable by the right people or service in a robust and effective manner.

The mission is to provide authentication and authorization to both human and services accounts. The scope is focused on the production platform spread worldwide.

The role includes the ownership of the following components/projects (setup and maintenance):

- Access Management, entitlement and federation services like :
    - OpenAM
    - Microsoft Identity Manager
- Management, Design Active Directory in a heterogonous environment
- Kerberos implementation everywhere on infrastructure
- Management platform to deliver JWT Tokens
- Password Management

Criteo's significant growth provides you an opportunity to strategically influence the evolution of our production platform, processes, methodologies, technologies and so much more. You will be involved in decision making and in rolling out the changes with your team.

Your ability to adapt to a fast moving environment will be a key element to our success. Your technical background and autonomy will help you fit in the IDM team.

We are still a young company where there is still a lot to build and drive. If the acronym I.A.M does not only refer to a famous French Rap Group , you're welcome!

Strong candidates qualifications

- Strong hands-on experience in Systems Engineering/DevOps is required
- Experience in working on a Windows and/or Linux production platform
- Candidate must have demonstrated a strong knowledge of Linux Systems or Windows fundamentals (CentOS, Windows 2012 R2)
- Strong experience in scripting with one of the following languages: Ruby, Python, PowerShell
- Candidate must have a demonstrated experience troubleshooting problems, including impact assessment
- Experience in working with local and remote teams to resolve large scale production issues and escalation to the right level
- Experience in working with IAM products and concepts.

Bonus

- Experience in working with large scale deployments in Cloud or Hybrid environments
- Strong experience with either automation frameworks like Puppet, Chef, Ansible etc. and/or monitoring tools (Nagios, Centreon, Graphite, Kibana etc) or configuration management
- Good understanding of networking concepts (load balancers, routers) as well as System Administration
- Proficiency with incident management
- Experience with application FreeIPA and PKI
- Experience on Java coding

Technologies @ Criteo

- Web : IIS, Apache
- Windows : Server 2008R2, Server 2012, Active Directory
- Access Management: OpenAM , MIM, JWT, ADFS
- Linux : Apache, CentOS, Bind
- Monitoring : Nagios,Centreon, Graphite, Kibana
- Automation : Chef
- Scripting : Ruby, PowerShell, Python

Criteo R&D Culture

- **Empowerment** – We believe in hiring the best engineers in the industry and then letting them get on with what they do best – designing, coding and releasing state of the art software.
- **Mobility** – In our Voyager program our engineers get to pick which team they want to work on for 2-4 weeks, boosting collaboration, networking and maybe even leading to switching teams.
- **Agility** - We work in a fast pace environment where we build and release stuff frequently to deliver value soon and adapt to changes quickly.
- **Variety** – We have many ways to get your code to production including our Hackathon, 10% projects, Voyager and more.
- **Multicultural** – We have engineers from all over the world for you to interact and exchange ideas with.

Our culture keeps evolving, and you will be expected to contribute actively with new ideas to complement and enhance the existing programs that include frictionless internal mobility, 10% time, mentoring, technical talks, hackathons, conferences, etc.

Are you up to the challenge?