100_OP_SYS_SecEng

Job Reference

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Position

Unix/Linux Security Engineer

Data de tancament

Dilluns, 30 Juliol, 2018

About BSC

The Barcelona Supercomputing Center - Centro Nacional de Supercomputación (BSC-CNS) is the leading supercomputing center in Spain. It houses MareNostrum, one of the most powerful supercomputers in Europe, and is a hosting member of the PRACE European distributed supercomputing infrastructure. The mission of BSC is to research, develop and manage information technologies in order to facilitate scientific progress. BSC combines HPC service provision and R&D into both computer and computational science (life, earth and engineering sciences) under one roof, and currently has over 500 staff from 44 countries.

Look at the BSC experience:
BSC-CNS YouTube Channel
BSC-CNS Corporate Video
Let’s stay connected with BSC Folks!

Context And Mission

The Operations Department from BSC requires an IT Unix/Linux Security Engineer; he will be responsible in the day to day operatives inside the Network and security group.

Key Duties

- Configure and change the local firewalls of the different UNIX/Linux servers of BSC
- Administrate different digital certificates generated (personal and server)
- Represent BSC as Security expert at National Events or European Projects
- Implement security policies, protocols and procedures
- Monitor, audit and solve security issues in all BSC IT Services
- Develop internal projects related to IT Network and Security
• Collaborate as Security engineer in any project that Operations Department is involved
• Review and analyze daily system reports, and recommend ways to re-mediate perceived security-related concerns
• Performs and conducts penetration tests and manual/automated code reviews
• Configure the different switches and wireless of the different BSC LAN networks

Requirements

• Education
  o University degree in computer engineering or student in the last year of degree

• Essential Knowledge and Professional Experience
  o Good knowledge of networking basics and protocols (TCP/IP, routing, …)
  o UNIX / Linux proven experience
  o Knowledge of network based, system level and application layer attacks and mitigation methods.
  o Script Programming skills (shell, Perl, …)
  o Good level in English will be indispensable

• Additional Knowledge and Professional Experience
  o Experience working in a similar position for at least 2 years
  o Experience in system administration in UNIX/Linux systems
  o Knowledge in implementation on ISO 27001 or similar
  o Certifications on network and security (Cisco, CISA, …)

• Competences
  o Proactivity, responsibility, capacity of organization

Conditions

• The position will be located at BSC within the Operations Department
• We offer a full-time contract, a good working environment, a highly stimulating environment with state-of-the-art infrastructure, flexible hours, extensive training plan, tickets restaurant, private health insurance, fully support to the relocation procedures
• Salary: we offer a competitive salary commensurate with the qualifications and experience of the candidate and according to the cost of living in Barcelona
• Starting date: asap

Applications Procedure

All applications must include:
- A motivation letter with a statement of interest, including two contacts for further references - COMPULSORY - Applications without this document will not be considered
- A full CV including contact details

**Deadline**

The vacancy will remain open until suitable candidate has been hired. Applications will be regularly reviewed and potential candidates will be contacted.

**Diversity and Equal Opportunity Employment**

BSC-CNS is an equal opportunity employer committed to diversity and inclusion. We are pleased to consider all qualified applicants for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability or any other basis protected by applicable state or local law.

Barcelona Supercomputing Center - Centro Nacional de Supercomputación

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