90_OP_SA_SEC

Job Reference

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Position

Unix/Linux Network and Security Engineer

Data de tancament

Diumenge, 16 Febrer, 2020
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Job title: Unix/Linux Network and Security Engineer

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 650 staff from 49 countries.

Look at the BSC experience:
BSC-CNS YouTube Channel
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
- Administreater 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 working hours, extensive training plan, tickets restaurant, private health insurance, fully support to the relocation procedures
• Duration: Temporary - 3 years renewable
• 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 Cover Letter with a statement of interest in English, including two contacts for further references - Applications without this document will not be considered
• A full CV in English 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.

This position is reserved for candidates who meet the requirements and have the legal status of disabled persons with a degree of disability equal to or greater than 33%. In case there are no applicants with disabilities that meet the requirements, the rest of the candidates without declared disability will be evaluated.

Barcelona Supercomputing Center - Centro Nacional de Supercomputación