

Traineeship Opportunity

TR-2018/CERT

**EATM-CERT
deployment**

development

and

Directorate/Service

Brussels (Belgium) - DECMA/STR

Purpose

Support the development of the European Air Traffic Management Computer Emergency Response Team (EATM-CERT) and the deployment of its services.

Main responsibilities

- Support daily operations of EATM-CERT (checking alerts, functional email box, search newly discovered vulnerabilities, etc)
- Configure our SIEM (Security Information and Event Management) tool (Splunk) and develop use cases/scenarios and correlation rules to detect cyber-security incidents using raw data (includes normalisation, correlation and false/positive rate reduction)
- Automation of different activities (alerting, Cyber Threat Intelligence (CTI) collection based on IntelMQ, connection of MISP to constituents/National CERTs, template creation, customisation of phishing awareness tool (King Phish), etc.)
- Support Penetration Tests in Air Traffic Management environment
- Support the implementation of THOR services (IoC host based scanner)

Preferred profile

- Last year of cyber-security Master or IT/Computer science.
- Good understanding/knowledge of cyber-security concepts
- Knowledge of networking & security techno/architectures (TCP/IP, firewalls, VPN, IDS, SIEM);
- The working languages of the Agency are English and French. For this particular post, candidates must have an excellent command of English. The knowledge of an additional language would be an advantage.
- Knowledge of scripting (Python/Perl/Go, ...) would be an asset.
- Knowledge of Linux would be an asset.
- Knowledge of system administration (installation, daily operations) would be an asset.
- Knowledge of Public Key Infrastructure would be an asset.

Desired duration

From 6 up to 12 months

Financial conditions

- A flat-rate allowance of **EUR 900 per month** as a contribution towards living expenses
- Reimbursement of travel expenses at the beginning and end of your traineeship.

Eligibility

The traineeship should start within 18 months of completion of his/her studies. If the traineeship is part of the studies, the programme of the traineeship must be directly related to the subject of the studies. Candidates should have the nationality of one of the EUROCONTROL or ECAC Member States.

Applications

Candidates must complete the [EUROCONTROL Application Form](#) for traineeships.

EUROCONTROL will organise a webex to select candidates.

The application must be sent by email to traineeship@eurocontrol.int together with copies of the following documents:

- ID card or passport
- Educational certificates
- Student card (if the traineeship is part of the educational programme)
- Programme of study (if the traineeship is part of the educational programme)

A recent criminal record sheet and proof of medical and accident insurance cover should be provided at the start of the traineeship.

The application form and other documents submitted will not be returned to unsuccessful candidates or be kept by the Agency.

The traineeship will be subject to the EUROCONTROL Agency Traineeship Programme Regulations. More information can be found on our website at www.eurocontrol.int/jobs/traineeships.

When applying, specify the opportunity title and reference in the subject line.

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