Presentation

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Borja Tarrasó Hueso

Security leader for Ansible, Tower,
Subscription Management:
Sonar, Radar, Doppler,
Red Hat.

Personal life

- Born in 1982, in Valencia (Spain)
- Currently living 10+ years in Helsinki (Finland)
- Speak 4 languages: Spanish, Catalan, English and Portuguese
- Lived in 4 countries: Spain, UK, Azores Islands and Finland
- No family or kids

- Member from FSF (Free Software Foundation)
- Associate member of AI (Amnesty International)
- ETC Delegate (Emergency Telecommunications Cluster) in UN (United Nations)
  - Basic security in the field level II certification
  - Travel to High Risk Countries certification

Academic background

- **HND** (High National Diploma) in Software Engineering - ESI School of Computing systems, Valencia (Spain)
- **Bachelor (hons)** in Applied Computing - Northumbria University, England (UK)
- **Master's degree** in Information Technology - Helsinki Metropolia University of Applied Sciences, Helsinki (Finland)

- **Cryptography course**, Stanford University (USA remote)
- **Software Security course** with Distinction, University of Maryland (USA remote)
- **Satellite Cooperation** with Aalto University Department of Radio Science and Engineering for Analysis, research and adaptation of communications protocol for Aalto-1 Satellite

Professional career

- **ITS** (2005)
  - System Administrator - UNIX/Linux systems
- **Cisco Systems** (2007-2009)
  - Software Engineer - Fixing IOS bugs in CEF Team
- **Nokia** (2011-2012)
  - Software Engineer - MSSF Team (Mobile Simplified Security Framework)
- **Nokia Siemens Networks** (2012)
  - Security Specialist - SWIP (Software Integrity Protection)
- **Ericsson** (2012-2017)
  - Software Engineer - IP RAN Transmissions R&D Unit (Routing and Switching)
  - Experienced Developer - Cloud Security in ENS (Ericsson Network Security)
  - Senior Developer - Ericsson Certificate Administration Server ECAS (Ericsson Network Security)
- **Red Hat** (2017-*)
  - Security leader - Ansible and Tower (Product Security - PSIRT)

Technologies

- eXtreme Programming (XP)
- Agile methodologies (Scrum, KanBan, Lean)
- CI (Continuous Integration)
- DevOp (Development & Operations)
- IT Automation
- TDD (Test Driven Development)
- Analysis, design patterns & refactoring
- CM (Configuration Management)
- Security: Software Security specialization

- Cloud Technologies, Virtualization, Containers: LXC, Docker, Kubernetes
- Programming languages: ASM, C, C++, Perl, Python, Java, UML, etc.
- Tooling: GIT, Emacs, GCC, GDB, Robot, command line, etc.
- Documentation: TeX, AsciiDoc, MarkDown

Hobbies

- Sports
  - I was federated football player (2nd & 3rd division in Finland)
  - Volleyball and beach volley (+14 years)
  - Endurance Mountain Bike (>140 KM)
  - Endurance Mountain Run Ultramarathons (>100 KM)
  - Gym (isometrics, explosive, strength)
  - Swim (indoor)
- Travel
  - +60 countries
  - Non recognized, conflict or odd countries: Svalbard, Kosovo, TRNC, Transnistria, Lebanon, Iran
- Read and study
  - War conflicts
  - Finance and economics
  - Nutrition
  - Sports muscular biomechanic and technique