

Seville, 14 February 2023

# Hybrid Cloud Datacentre Systems and Operations Manager -HCDSOM-

Vacancy – Terms of Reference

## A. Job description

**JOB TITLE:** Hybrid Cloud Datacentre Systems and Operations Manager

**PURPOSE:** The HCDSOM will support in the coordination of the components that will define the hybrid cloud environments for the deployment of LifeWatch ERIC services based on virtual cloud architectures, DevOps environments, the provision of e-Services for Big Data, Machine Learning/AI/HPC, BlockChain (LifeBlock), and their operational procedures

**LOCATION:** LifeWatch ERIC ICT-Core premises in Andalusia (Spain)

**POSITION:** Full-time

**FUNDING RESOURCES:** LifeWatch ERIC ICT-Core in Spain - Andalusia ERDF Projects Framework; EOSC Future and BioDT projects

## B. Main responsibilities

- I. S/he will work under the supervision of, and always directly report to the Chief Technology Officer/Director of the ICT-Core, and whoever he may delegate;
- II. S/he will occupy a position that requires multi-, inter- and trans-disciplinary ICT skills with proven experience in architecture definition, planning, implementation and administration of Ubuntu Linux, OpenStack, Kubernetes and Hadoop/Yarn/Spark ecosystem;
- III. S/he will provide full support for the co-design, start-up, deployment, monitoring and performance assurance of LifeWatch ERIC hybrid cloud services.

## C. The ideal candidate should meet the following requirements:

- Minimum 15 years' experience in IT infrastructure deployment and management;
- International experience in a work/educational environment;
- Excellent presentation and reporting skills, fluency in written and spoken English; (LifeWatch ERIC's official language) and Spanish (ICT-Core premises hosted by Spain); Knowledge of other European languages will be taken into consideration;
- Accredited professional experience on innovation projects related to cloud technologies, in particular OpenStack;
- Proven knowledge of Git type version control tools based on opensource code. (GitHub, GitLab);
- Advanced knowledge of operating systems (Windows, Linux, Unix); programming languages (C++, Java, J2EE, PYTHON); databases (Oracle DB, MYSQL); bigdata and machine learning ecosystem (Hadoop, Spark, Kafka, Ambari, HDFS, etc), and DevOps (Kubernetes, Ansible Scripting);
- Knowledge of ID management concepts (federation, protocols, terminology, etc.);
- Proven knowledge of project management methodologies, such as: PMP, ITIL, SCRUM, etc.;
- Proven organisation and communication skills, proactive, capacity to work in teams and to tight deadlines, in international environments and multi-language contexts;
- Willingness to travel abroad according to the specific working needs of this position;
- High-standard work ethic.

## ASSETS

- IT skills: Networking devices and communication software, public cloud infrastructure (AWS, Google Cloud, Azure) and cybersecurity in big industrial facilities;
- Understanding of the structure, functioning and regulation of European Research Infrastructure Consortia (ERICs), in particular ICT, biodiversity and ecosystem areas.

## D. The vacancy is subject to the following procedure

- A **short covering letter** and **Curriculum Vitae**<sup>1</sup> (EUROPASS format and annexes, 6 pages at the most) shall be submitted to the Chief Technology Officer and Director of the ICT-Core [cto@lifewatch.eu](mailto:cto@lifewatch.eu) and in cc to [hiring@lifewatch.eu](mailto:hiring@lifewatch.eu), by **1 March 2023**. Please quote "Hybrid Cloud Datacentre Systems and Operations Manager -HCDSOM-" in the email subject;
- The selection process will follow the Employment Policy of LifeWatch ERIC;
- S/he will be appointed full-time. A competitive gross salary, based on the qualifications and experience of the candidate, will be offered. Employment will be in Spain, follow Spanish employment law and be subject to a 180-day probation period;
- Her/his main office will be located at the LifeWatch ERIC ICT-Core premises in Seville (Spain), without prejudice to the establishment of others in the future (e.g. Huelva);
- Start date in office for the appointed person: **March 2023**.

**LifeWatch ERIC is an equal opportunity employer, and encourages all qualified candidates to apply, regardless of race, gender, age, national origin, or sexual orientation.**

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<sup>1</sup> *Special note for Italian market: According to Italian Privacy Protection Law n. 196/03 any resume not mentioning explicitly the following wording: 'I authorise the use of my personal data in accordance with Italian Privacy Protection Law (30/06/2003, n. 196/03)' will be automatically deleted from our database and consequently not taken into consideration.*