

Call for contribution of expertise

CERN invites collaborating institutes and universities to contribute the expertise of their qualified employees to the activity described below.

Start date: Asap

Duration: One year, possible extension to a maximum of up to three years.

Project/Activity: Evolution of OpenShift

Detailed description of Activity:

Evolution of OpenShift Service in order to provide functionality requested by departments.

Since its introduction in 2016, the Platform as a Service PaaS solution based on OpenShift has quickly become a cornerstone of the Web Service offerings. The project comprises the following important evolution and enhancement in order to be able to extend the service to support additional use cases for simplified deployment of applications as containers, following expressed interest by other departments:

- Applications with access to TN (various use for management of databases hosted in TN).
- Large applications (e.g. EDMS, Indico, CDS etc).
- Self-service template for developer teams to deploy a centrally hosted artefact repository manager.
- Fully support *.cern.ch DNS names to facilitate migration of existing applications.

Profile: Qualification: Bachelor's degree in the field of Computer Science or related field, or equivalent.

Specific details: excellent team-working attitude. Valid driving license. Good working knowledge of either English or French.

Status at CERN: Associated Member of the Personnel (Project Associate).

Conditions in accordance with CERN's Staff Rules and Regulations and Administrative Circular No. 11. Subsistence allowance is payable by CERN to cover the additional cost arising from the individual's (and, as applicable, their family's) stay in the local area while performing activities at CERN.

Option: Collaborating institutes and universities can propose to support the activity of the qualified employees participating in this "Call for contribution of expertise" with students or other employees. Their status and Subsistence allowance when applicable will be adapted to their relation with their institutions

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