| | |
|---|---|
| Reference | IT-CM-115 |
| Project/ Activity | Enhancements to Monitoring service |
| Duration | 1 year, renewable (maximum 2 years) |
| Profile | Basic knowledge of Linux and Python. |

**Description**

Several important improvement are needed in the MONT infrastructure for the IT and WLCG community

- develop and support CentOS Stream and future Linux platforms, as it will evolve in the next couple of years
- expand support of Prometheus that is increasingly used by IT services and is the default monitoring tool of several open source products
- implement collection of "high frequency and low retention metrics and logs" for IT emergency situations and anomalies detection
- work on further scaling the infrastructure for integrating and supporting new monitoring producers (metrics, logs, alarms) within IT and the WLCG Experiments,

**Specific details**