

# Aim

- Monitor and analyse logs, generated by:

- Servers
- Compute clusters
- Apps & services

*Developed, deployed, and running inside  
DFCTI @ IFIN-HH*

- Implement the log monitoring process using the tools provided by Elastic™.

# Motivation

- Research centres around the world are in a continuous expansion in terms of the compute power.
  - Our department is also working & planning on a *big upgrade* (compute resource)
- Analysis of the logs generated by the computing infrastructure inside the department could provide information:
  - Compute nodes performance
  - Issues with running simulations
  - System malfunctions
  - Unusual network behaviour