



arawat

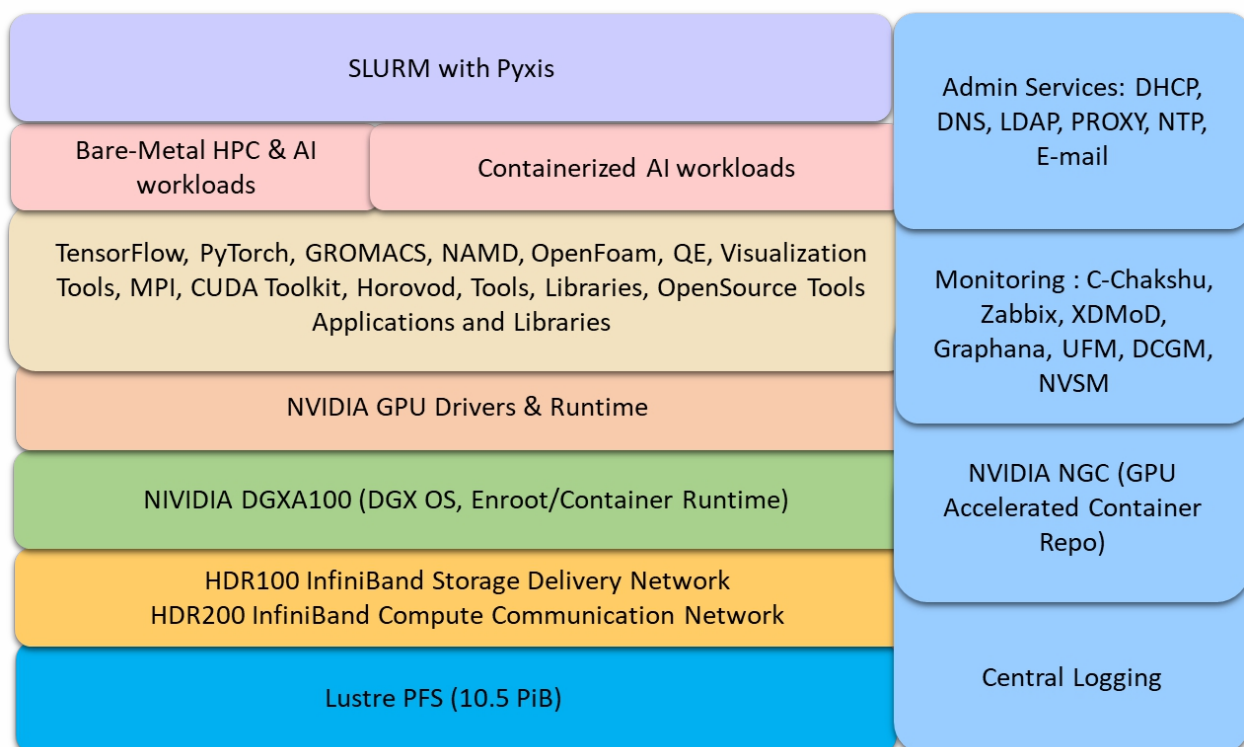
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Harness the power of AI Supercomputer featuring in TOP **500** global ranking

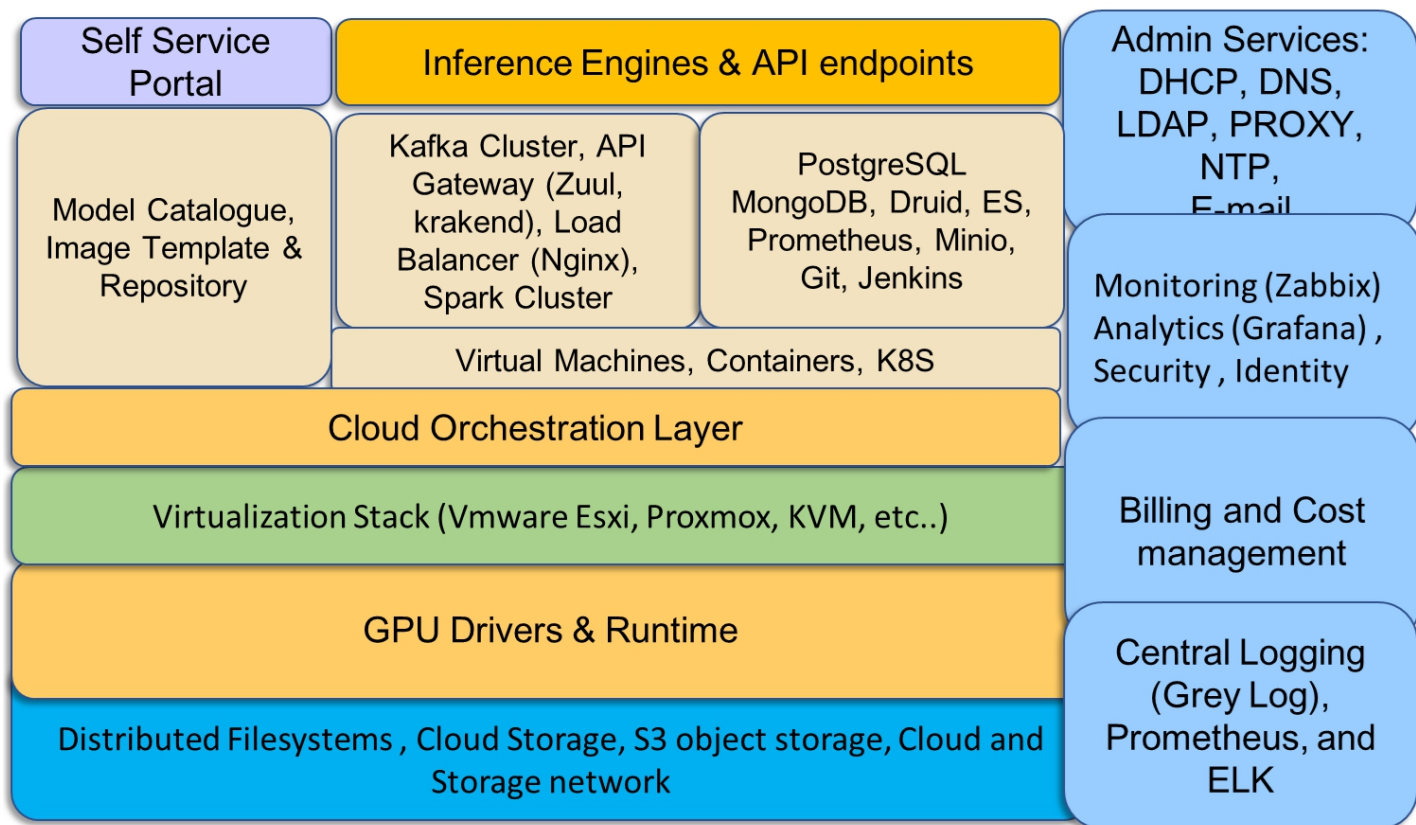
AIRAWAT :

C-DAC has implemented the AI Research Analytics and Knowledge Dissemination Platform (AIRAWAT) of 200 AI Petaflops at the Centre for Development of Advanced Computing (C-DAC), Pune, under the initiative of the Ministry of Electronics and IT, Government of India.

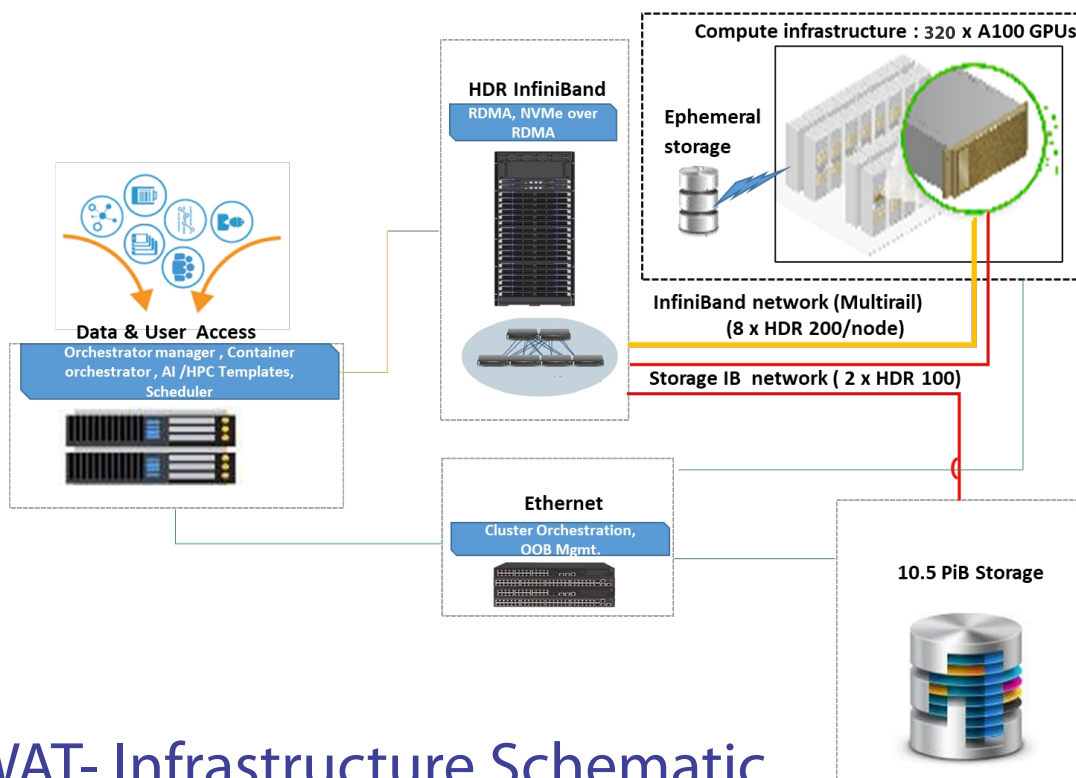
Currently, the system is operational under the aegis of the National PARAM Supercomputing Facility (NPSF, C-DAC) at Pune..



AIRAWAT-SYSTEM SOFTWARE STACK



AIRAWAT- Cloud Stack (will be released soon)



AIRAWAT- Infrastructure Schematic

System Configurtion

Technical Specifications	
NVIDIA DGX-A100 Compute Nodes	40 (10240 CPU cores)
Total host (Compute Node) memory	40 TB (40 nodes * 1 TB per node)
NVIDIA A100-40GB Tensor Core GPUs	320 (8 GPU per node * 40 GB Memory per GPU * 40 Nodes)
Total GPU Memory	12.8 TB (40 Nodes * 8 GPUs per node * 40 GB per GPU)
Internode Bandwidth	1.6 Tbps (HDR 200 based, B/W per node)
PFS based storage	10.5 PiB



For more Information:

Interested user should visit the URL: <https://airawat.cdac.in> for more details and for online application for requesting the system access.

Please reach out to us at airawat-outreach@cdac.in

The system is operational under the aegis of National PARAM Supercomputing Facility (NPSF, C-DAC) at Pune, Maharastra, India

