**HPCSA Case study- September 2022-23**

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**CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING PUNE**

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**ABSTRACT**

Build a two node Disk-less HPC-Cluster using OpenHPC with warewulf, slurm, Nagios and ganglia and do a HPL benchmark and document the result.

**REQUIREMENTS**

**Hardware reqirements:**

* CPU : 32 GB
* RAM : 32 GB
* PROCESSOR : i7 10 gen

**Software reqirements:**

* Vmware workstation
* Centos 7 iso