

Interactive Computing E-Infrastructure  
Public Information Event



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CEA Infrastructure

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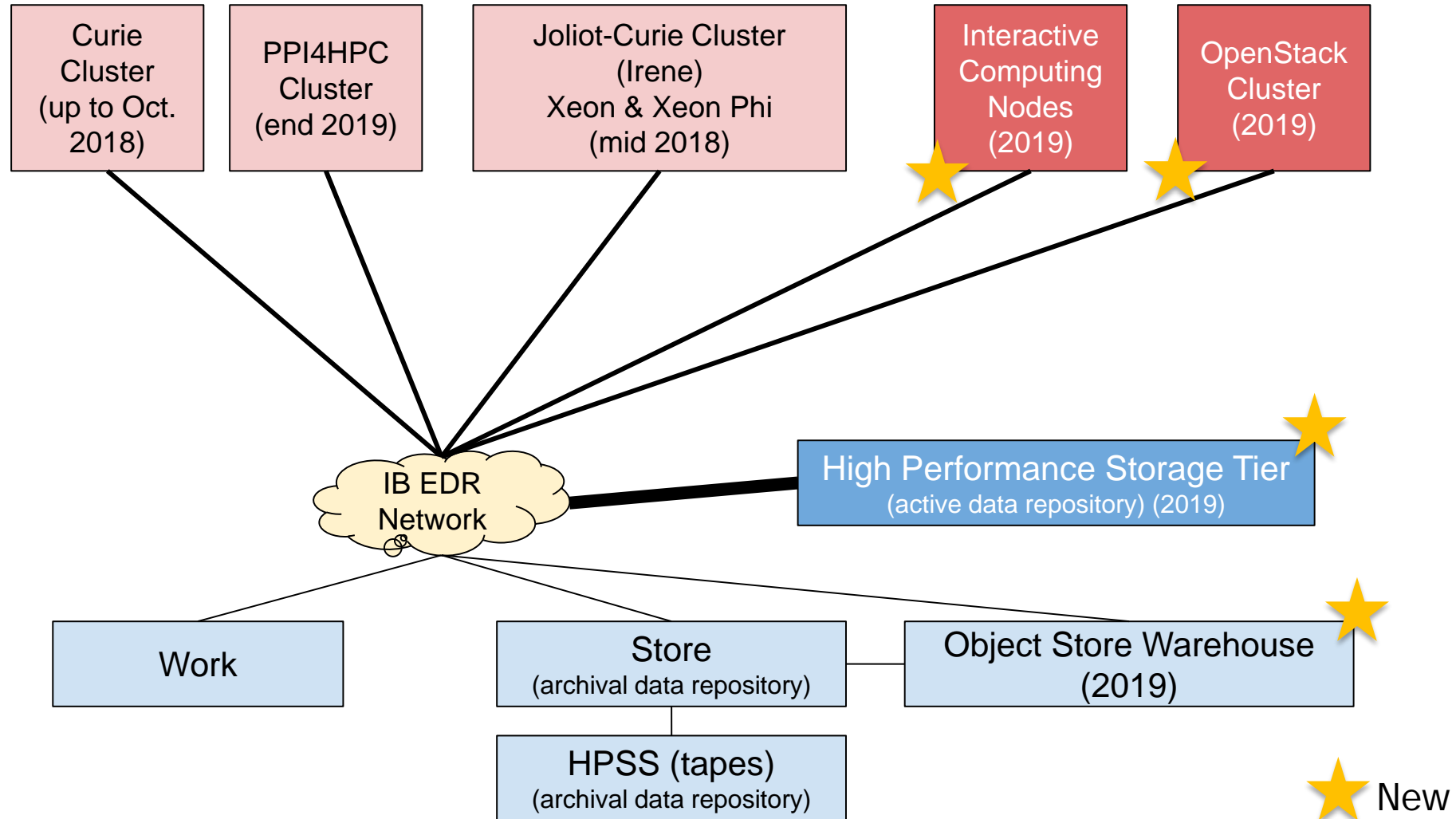
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# Disclaimer

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*Neither this announcement nor the event itself signifies the beginning of a procurement procedure or constitutes a commitment by the public procurers involved in the presentation to undertake such exercise at a later stage*

# CEA-TGCC Infrastructure



# New components

## Interactive Computing Nodes

- Few x86\_64 Linux nodes with 1TB memory
- Memory based on NVM technology

## Open Stack Cluster

- x86\_64 cluster used to run virtual machines
- Few 10s of nodes

## Active Data Repository

- ~1 PB of flash storage used with POSIX semantics
- Based on Lustre Appliance

## Archive Data Repository

- ~10 PB of HDD storage used with Object Store semantics
- S3 and Swift interfaces required (+ native)

# Other topics of interest

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- **Licencing**
  - Open Source products will be preferred
  
- **Innovation**
  - Pre-GA solutions are accepted
  
- **Maintenance of all provided systems**



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# Thank You

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