

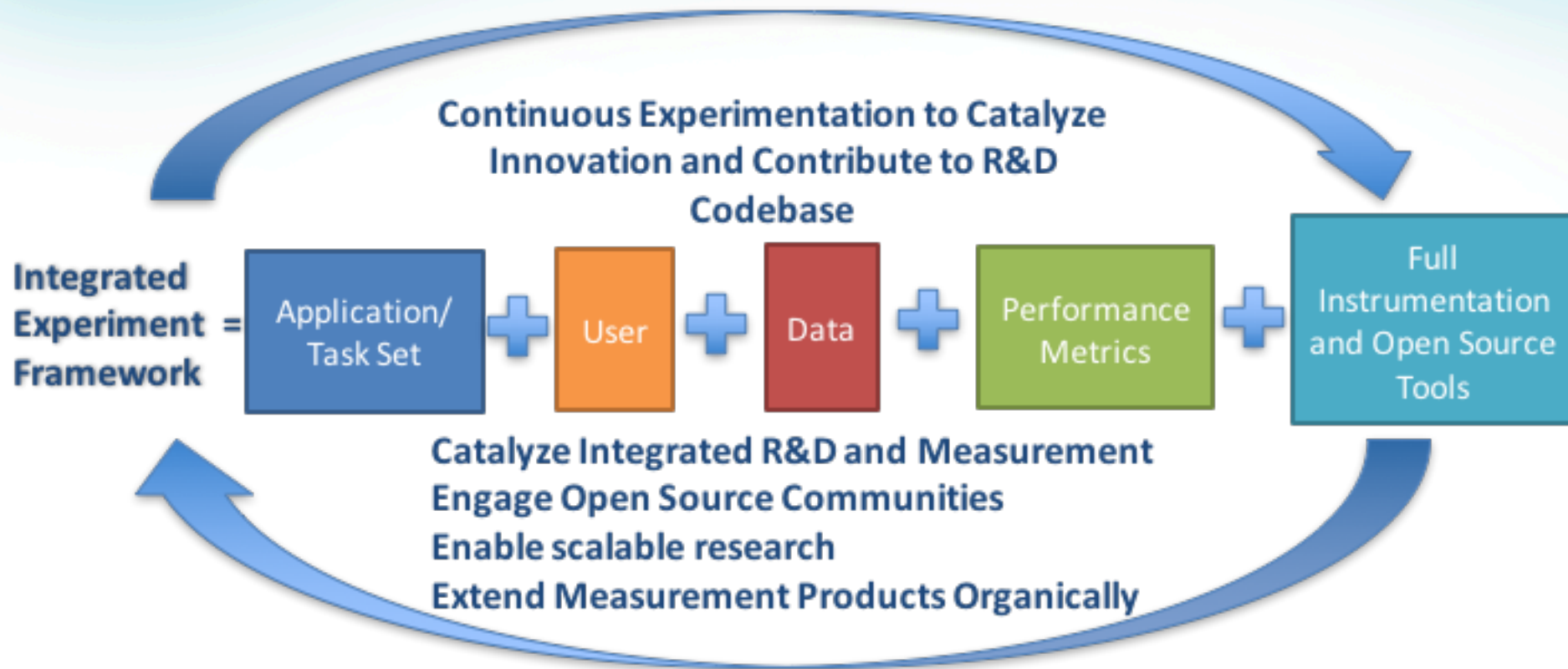


# Infrastructure: Data Dissemination, Submission, On-Premise Private Cloud

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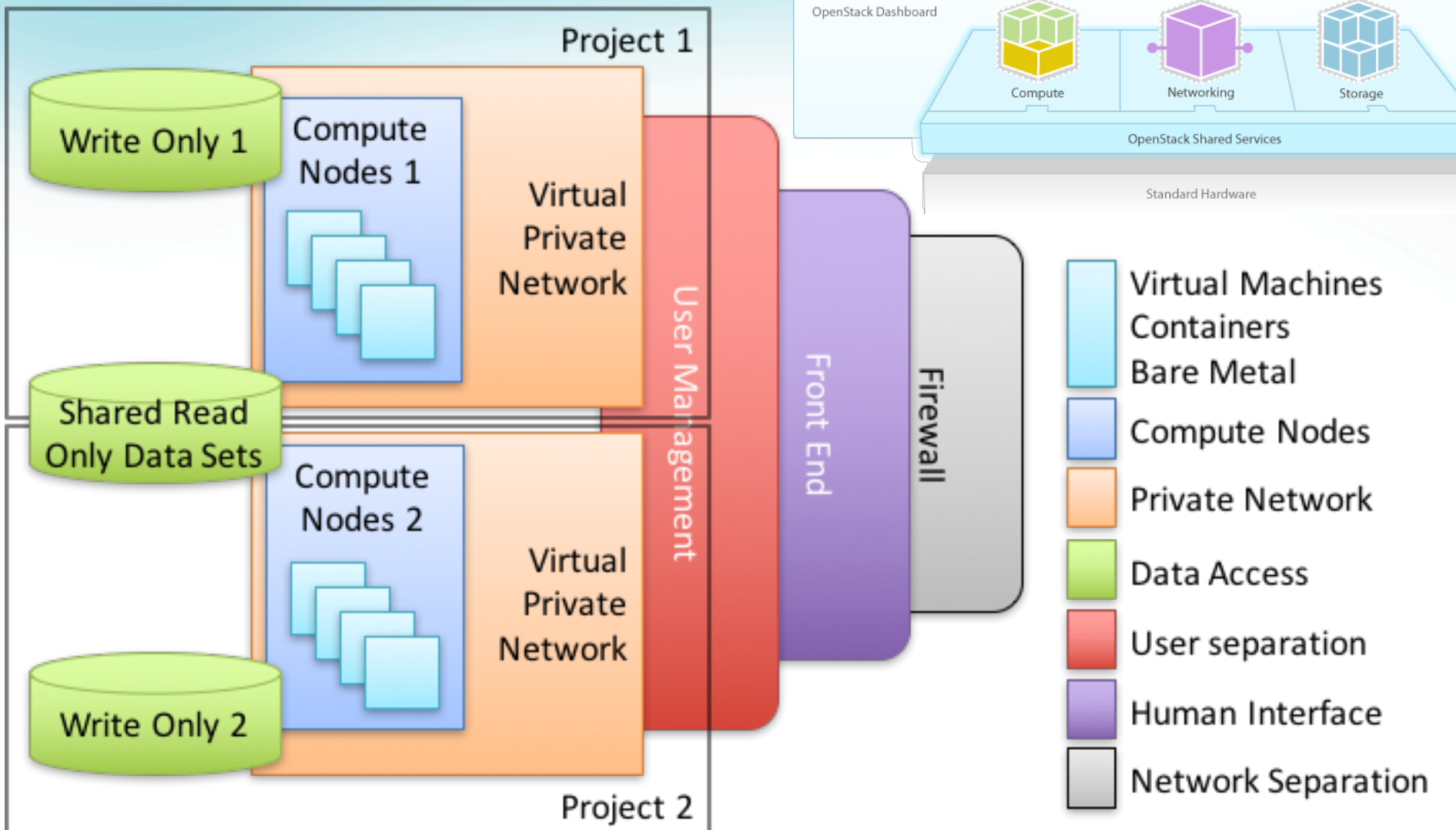


# Open Science Big Data Analytic Technology R&D Model ("Bring the experiment to the data")





openstack™



- Virtual Machines  
Containers  
Bare Metal
- Compute Nodes
- Private Network
- Data Access
- User separation
- Human Interface
- Network Separation

# Discussion

- VM vs Containers vs Bare Metal ?
- Benchmark model ?
- Data access methodology ?
- Compute paradigm ?
- Data reusability if given ...
- Tasks to run ...

## EMS

Nodes:	16
CPU (cores):	32 (496)
HDD:	467.8 TB
RAM:	2.1 TB