

## User Application

Python

with or  
without  
DASK

PyActiveStorage

series of requests  
for reduced chunks

## JASMIN

### External Cloud

vm1

public IP

reductionist

each VM  
receives posted JSON request  
returns reduced JSON payload

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ha configuration  
(using vm2,vm3 is optional)

vm2

r2

vm3

r3

get data  
chunk by chunk

### Internal Cloud

S3  
Gateway

Storage

maximum theoretical  
bandwidth between  
external cloud and  
internal cloud:  
ON: 2x25 Gbit/s  
NN: 2x100 Gbit/s