

## GOALS

Avoid space amplification to reduce hardware costs

Speedup processing time by allowing faster bulk operations

## CHALLENGES

Packing billions of small objects without space amplification

Reducing the latency to access objects for bulk processing by an order of magnitude

## DEMO SETUP

- Git clone
- Jfed
- Download credentials
- Run Ansible
- Run tox with experiment parameters

## RESULTS

Displayed on the standard output

Displayed in visual graphs

Preserved as raw data

## CONCLUSIONS

Automation is key to maintaining performances over time

Discovery of a latency problem

Discovery of a read degradation at scale

Confirmation that IO throttling is necessary at the client level