

Cumulus: NASA Archives in the Cloud 2018 ESIP Summer Meeting

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BACKGROUND: DAACS IN THE CLOUD

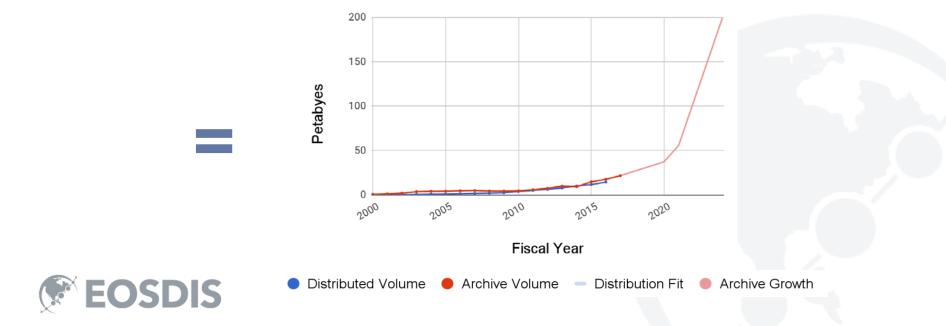
Cumulus

Why DAACs in the Cloud?

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Science Archives in the Cloud



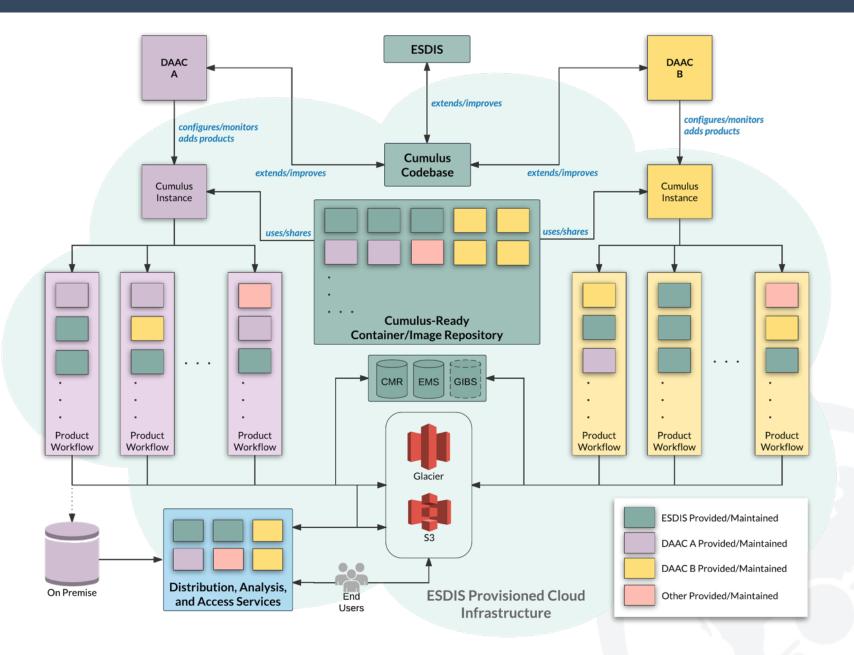


CUMULUS: NASA ARCHIVES IN THE CLOUD

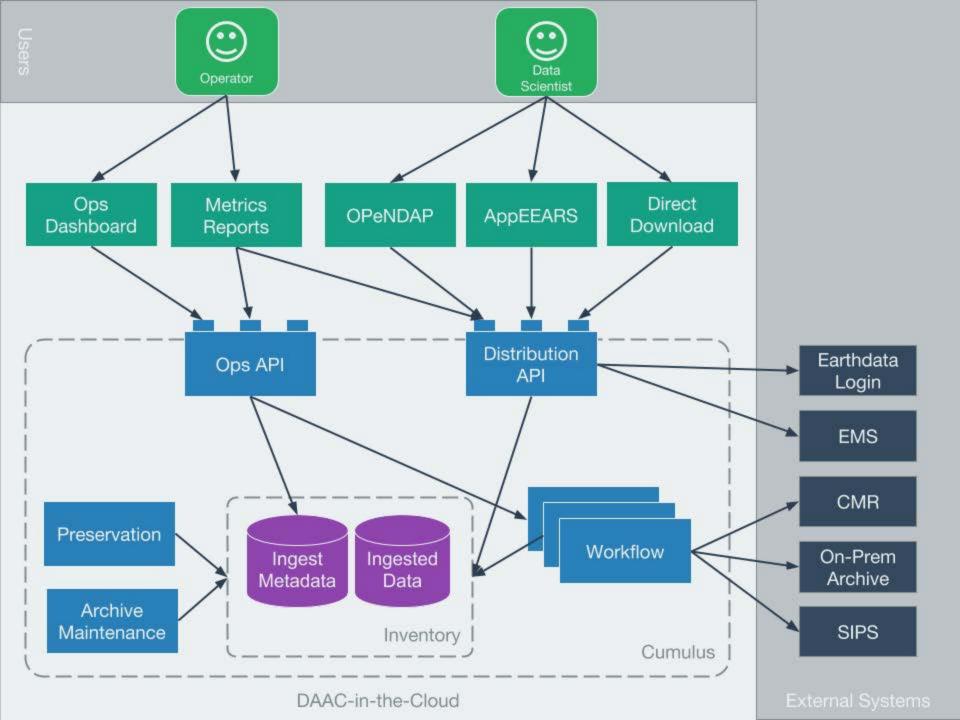
What Is Cumulus?

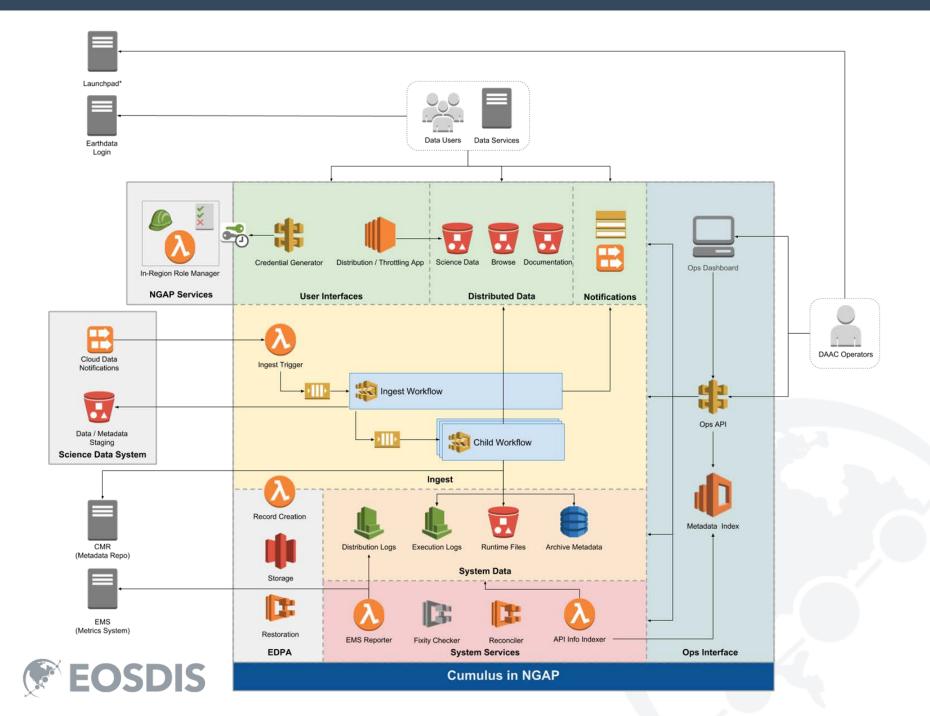
Cumulus allows DAACs to ingest, archive, manage, and distribute data products, all within the cloud. Cumulus is designed to be extensible and configurable, providing support for all DAACs while maximizing reuse and shareability.



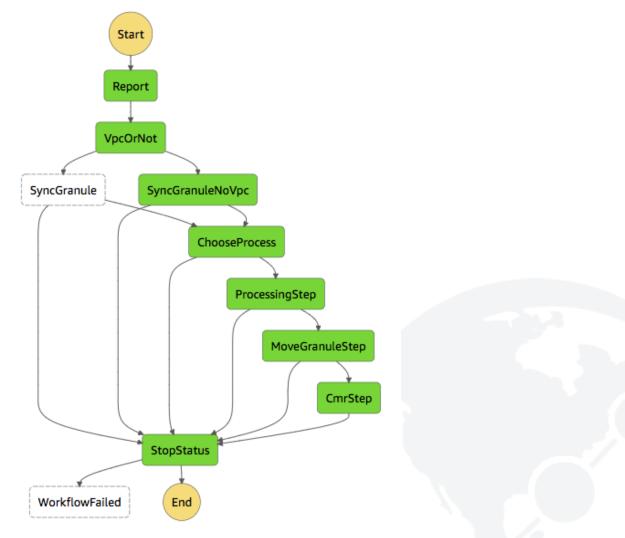






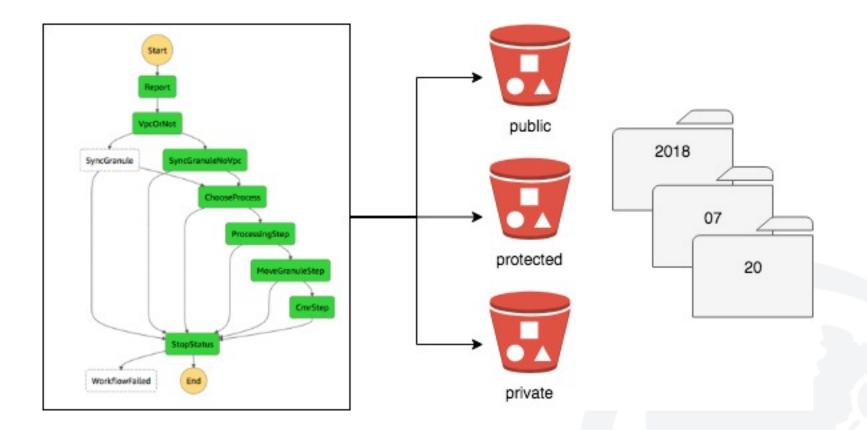


Flexible, Configurable





Flexible, Configurable





Free and Open Access

Check us out on github!

https://github.com/cumulus-nasa





WHAT IT MEANS FOR USERS



The Same, Only Better





Discovery



Direct Download

W*S GIBS OPeNDAP

Services





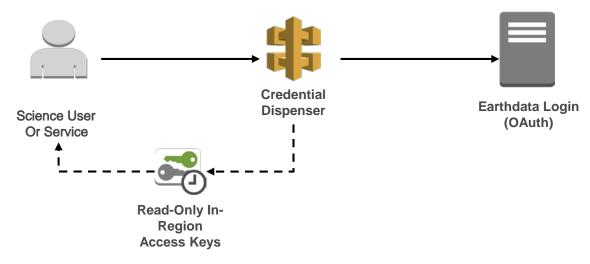
Direct S3 Access?

But what about unbounded egress?

How does this tie back to Earthdata Login?



Direct S3 Access!







Cumulus

QUESTIONS?





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