

Interactive comment on “Enabling BOINC in Infrastructure as a Service Cloud Systems” by Diego Montes et al.

Diego Montes et al.

kabute@uvigo.es

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First of all thank you very much for taking the time to read our paper and to comment on it. We will add some more lines about data storage in the final reviewed version. We can note that the price of the storage did not have big impact into our simulations because AWS (and most of the public Cloud providers) have a low price for the space itself, offer free data transfer within the same region (which is actually the case for this paper) and it has the highest cost into transfers to the Internet (current S3 pricing for this can be found in here: <https://aws.amazon.com/s3/pricing/>). About how long is the data going to be stored: part of the purpose of our work was to be able to create massive simulations in the Cloud on-demand by using BOINC, so the results live just long enough for their analysis. Of course it seems interesting a future work about massive storage (e.g. terabytes for years), which could require other technologies like

Glacier and its integration with a CDN for better distribution.

The number that we give of around 600 GB per simulation is for a whole experiment, not per year simulated. We will clarify it in the reviewed version too.

Also some of the public cloud providers that we have been investigating have begun a move to waive egress charges (or some fraction of them if you read the small print) to academic users.

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Interactive comment

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