Peak2Cloud: Scientific Computing on the Cloud

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Peak2Cloud (P2C) is an Openstack-based private cloud for scientific and high performance computing. First, we present how P2C was configured and tested. Then we describe vcluster, a tool for rapidly deploying message-passing clusters on P2C. Lastly, we analyze some benchmark results on the performance of P2C deployed virtual clusters.

1. INTRODUCTION
Test[Khazaei et al. 2013]

2. RELATED WORK

3. METHODOLOGY

4. RESULTS AND DISCUSSION

5. CONCLUSIONS

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REFERENCES

Hamzeh Khazaei, Jelena Misic, and Vojislav B. Misic. 2013. A Fine-Grained Performance Model of Cloud Computing Centers. *IEEE Transactions on Parallel and Distributed Systems* 24, 11 (Nov. 2013), 2138–2147. DOI:http://dx.doi.org/10.1109/TPDS.2012.280

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