

Peak2Cloud: Scientific Computing on the Cloud

JOSEPH ANTHONY C. HERMOCILLA, University of the Philippines Los Banos

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

ACKNOWLEDGMENTS

The author would like to thank the Lord.

REFERENCES

Hamzeh Khazaei, Jelena Masic, and Vojislav B. Masic. 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>

Received May 2014; revised June 2014; accepted June 2014

This work is supported by the Department of Science and Technology (DOST) Accelerated Science and Technology Human Resource Development Program (ASTHRDP).

Author's addresses: J. A. C. Hermocilla, Institute of Computer Science, University of the Philippines Los Banos

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© 2010 ACM 1539-9087/2010/03-ART39 \$15.00

DOI: <http://dx.doi.org/10.1145/0000000.0000000>