

# cloudmesh cmd5 extension for AWS

MILIND SURYAWANSHI<sup>1</sup> AND PIYUSH RAI<sup>2</sup>

<sup>1</sup>School of Informatics and Computing, Bloomington, IN 47408, U.S.A.

<sup>2</sup>School of Informatics and Computing, Bloomington, IN 47408, U.S.A.

project-006, March 27, 2017

---

**The cludmesh client will be extended to support cluster deployment on AWS using cmd5.**

© 2017 <https://creativecommons.org/licenses/>. The authors verify that the text is not plagiarized.

**Keywords:** Cloud, I524

<https://github.com/cloudmesh/sp17-i524/blob/master/project/S17-IR-P006/report/report.pdf>

---

## 1. INTRODUCTION

We are going to look at cloudmesh client [1] man pages, understand what features are already supported for cloud like chameleon and implement similar support for AWS. The new features will be provided under aws subcommand. We will study the technologies currently in-use by the project and analyze how they can be used further to achieve our objective.

## 2. DESIGN

TBD

## 3. TECHNOLOGY USED

- ☐ Cloud Mesh
- ☐ AWS
- ☐ Cmd5
- ☐ libcloud

## 4. STEPS

- ☐ Understand cloudmesh client.
- ☐ Propose changes and get reviewed.
- ☐ Open aws account and test basic commands.
- ☐ Make changes and test.
- ☐ Benchmark.

## ACKNOWLEDGEMENTS

TBD

## REFERENCES

- [1] Web Page. [Online]. Available: <https://github.com/cloudmesh/client>

## AUTHOR BIOGRAPHIES

**Milind Suryawanshi** received his BE (Electronics and Telecommunication) in 2010 from The University of Pune. His research interests also include Big Data analytics for intelligence and research.

**Piyush Rai** received his BE (Computer) in 2011 from The University of Pune. His research interests also include Big Data analytics for military intelligence and financial markets.

## A. WORK BREAKDOWN

The work on this project was distributed as follows between the authors:

**Milind Suryawanshi.** TBD

**Piyush Rai.** TBD