**TO:** Dr. T.L. Lewis **FROM:** Turba Tech

**TIME COVERED BY REPORT:** March 26, 2012 – Present

**SUBJECT:** Progress Report: \_\_\_\_Iteration Three\_\_\_\_\_\_\_\_\_\_

**PROJECT MANAGER:** \_\_\_\_\_William Whelchel\_\_\_\_\_\_\_\_\_\_\_

**Introduction**

Turba Tech will provide the client with a version of OpenHack that is compatible with Rackspace’s OpenStack framework. OpenHack will be able to successfully terminate instances found on a server. OpenHack will be able to utilize metadata to target tagged instances for termination. The user will also be able to set a delay period or use the default delay before tagged instances are terminated. The complete project will be delivered in a compressed .tar format.

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| --- | --- | --- | --- | --- | --- |
| CRITICAL TASK (ACTIVITIES) | **% COMPLETE** | **DURATION** | **START DATE** | **FINISH DATE** | **RESOURCES (MEMBERS)** |
| OpenStack Credentials | 75% | 3 Days | March 27, 2012 | March 30, 2012 | Phillip |
| Utilizing metadata | 0 % | 4 days | March 29, 2012 | April 4, 2012 | Gerald |
| Testing | 0% | 4 days | April 16, 2012 | April 20, 2012 | Randy, Michael |
| Refactoring | 20% | 20 days | March 27, 2012 | April 16, 2012 | Phillip and Gerald |
| Deliver Product | 0% | 1 day | April 26, 2012 | April 26,2012 | Whole Team |

**Work Completed**

Currently partial tests scripts are written and Refactoring has begun are previous written code. We are able to log in to the OpenStack framework. We removed the User Story “Read Stored User input” as it as we are not using endpoints and user credentials are read from environmental variables.

**Present Status**

As of March 29th 2012 we are still facing permission issues on the OpenStack servers. We can log in and view the server but we can’t change or create servers. Tests scripts have been started and are partially finished.

**Work Remaining**

We need to finish the tests scripts so we can begin development. We also need to continue refactoring our code and begin using the metadata. After development is complete we need to thoroughly test the project. We will be using Integration testing, regression testing, black box and white box testing.

**Conclusion**

We are still on track for completing the project as required. We have dropped the User Story “Read Store User input”.

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|  | **Names of Group Members** | **Signatures of Group Members** |
| **1** | Michael D. Bristol II |  |
| **2** | William D. Whelchel II |  |
| **3** | Randy B. Akers |  |
| **4** | Philip M. Knouff |  |
| **5** | Gerald I. Ottman III |  |