# https://team.amer.mymetlife.com/teams/EI_ApplicationPlatformEng/SiteAssets/Application%20Platform%20Engineering%20Site/Home/Masthead-tall-vector.png

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| Created by: | Chris King |
| Date: | 20SEP2016 |
| Updated: | N/A |
| Purpose: | Redis Validation Test Plan |

# Docker Datacenter Validation Test Plan

***Environment to be tested:***

1. Deploy Redis with Compose file inside project.

|  |  |  |  |
| --- | --- | --- | --- |
| **Description** | **Pass / Fail** | **Date/Time** | **Tester** |
| Validate containers exist inside UCP |  |  |  |

1. Obtain IP Addresses for HA Proxy Nodes and place them inside test script

|  |  |  |  |
| --- | --- | --- | --- |
| **Description** | **Pass / Fail** | **Date/Time** | **Tester** |
| Update the SWARM\_NODE components in the script |  |  |  |

1. Invoke the Test Script

|  |  |  |  |
| --- | --- | --- | --- |
| **Description** | **Pass / Fail** | **Date/Time** | **Tester** |
| python test\_redis\_driver.py |  |  |  |

After executing those steps you will have tested the following scenarios as dictated by test\_redis\_driver.py:

* 1. Cluster is available
  2. Cluster node 1 can send and receive messages
  3. Cluster node 1 can send and receive messages after a reboot / failure
  4. All cluster nodes can send and receive messages after a reboot / failure
  5. The cluster is in a valid and operational state.

**IF IT IS YOUR FIRST TIME EXECUTING THE TEST PLEASE CONSULT THE README.md file in order to learn how to configure the testing environment.**

**Testing Complete**

# End User Test Objective Evidence: (Screenshots or screen output)