# Title: Eagle One - Q3 2019 Aspirations

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| **Aspirations - July 2019** Freshsales 09 Jul 2019 |
| Mission: Scale Freshsales ensuring high availability and reliability in cost effective manner |

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|  | Madhava Reddy SV | [madhava.sanikommu@freshworks.com](mailto:madhava.sanikommu@freshworks.com) | <https://github.com/venkatamadhavareddysanikommu> |

## **Success metric trend (over the past 3 months)**

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| --- | --- | --- | --- | --- | --- |
| Metric | March | April | May | June | July (till now) |
| Uptime(99.99%) - Based on updates.freshsales.io | 100% | 100% | 100% | 100% | 100% |
| Response time : Average(<90ms) | 128 ms | 131ms | 135ms | 112ms | 110ms |
| Server Apdex(0.99) | 0.98 | 0.98 | 0.97 | 0.98 [0.5] | 0.98 [0.5] |
| Browser Apdex |  |  |  | 0.9 [7.0] | 0.9 [7.0] |
| Infra cost | 46K | 48K | 84K | 154k (133k RDS RI) |  |

## **Previous Aspirations Link:**

[Eagle One - Mid Q2 2019 Aspirations](https://confluence.freshworks.com/display/freshsales/Eagle+One+-+Mid+Q2+2019+Aspirations)

**Results: How did we do since last Aspirations? (Planned vs Delivered - Summarise the results and provide applicable links)**

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| Goal (from previous Aspirations) | Status | Deliverables |
| Freddy deal insights - Infra setup [Madhava Sanikommu](https://confluence.freshworks.com/display/~madhava.sanikommu) | Done | [https://freshworks.freshrelease.com/FSALES-10579](https://freshworks.freshrelease.com/FSALES/issues/FSALES-10579) |
| MySQL upgrade 5.7.23 [Sivakumar Muthuchamy](https://confluence.freshworks.com/display/~sivakumar.muthuchamy) [Premkumar Patturaj](https://confluence.freshworks.com/display/~premkumar.patturaj) | Done | [https://freshworks.freshrelease.com/FSALES-7682](https://freshworks.freshrelease.com/issues/FSALES-7682) |
| Restricting SUDO Access to app user in EC2 instances  [Madhava Sanikommu](https://confluence.freshworks.com/display/~madhava.sanikommu) | In Progress | [https://freshworks.freshrelease.com/FSALES-7626](https://freshworks.freshrelease.com/FSALES/issues/FSALES-7626) |
| Log rotate daily or max limit [Madhava Sanikommu](https://confluence.freshworks.com/display/~madhava.sanikommu) | In Review | [https://freshworks.freshrelease.com/FSALES-11296](https://freshworks.freshrelease.com/FSALES/issues/FSALES-11296) |
| Enable new relic to log redis and memcache keys [Madhava Sanikommu](https://confluence.freshworks.com/display/~madhava.sanikommu) | Done | [https://freshworks.freshrelease.com/FSALES-11630](https://freshworks.freshrelease.com/FSALES/issues/FSALES-11630) |
| Automate account creation in non US POD [Sivakumar Muthuchamy](https://confluence.freshworks.com/display/~sivakumar.muthuchamy) | Done | [https://freshworks.freshrelease.com/FSALES-10684](https://freshworks.freshrelease.com/FSALES/issues/FSALES-10684) |
| TimeBandits added to log cache time metrics [Sivakumar Muthuchamy](https://confluence.freshworks.com/display/~sivakumar.muthuchamy) | Done | [https://freshworks.freshrelease.com/FSALES-11648](https://freshworks.freshrelease.com/FSALES/issues/FSALES-11648) |

## **Plan for next month (or) Aspirations**

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| Goal | Deliverables |
| Sidekiq redesign according to queue priorities | [https://freshworks.freshrelease.com/FSALES-7675](https://freshworks.freshrelease.com/issues/FSALES-7675) |
| Add tags for aws resources | [https://freshworks.freshrelease.com/FSALES-10503](https://freshworks.freshrelease.com/FSALES/issues/FSALES-10503) |
| Use connection pool for redis connections | [https://freshworks.freshrelease.com/FSALES-8472](https://freshworks.freshrelease.com/issues/FSALES-8472) |
| Add Haproxy level block | [https://freshworks.freshrelease.com/FSALES-8041](https://freshworks.freshrelease.com/issues/FSALES-8041) |
| Migrating to freshping |  |

## **Stretch goals**

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| Goal | Deliverables |
| Parallelise the database migrations for shards | [https://freshworks.freshrelease.com/FSALES-7734](https://freshworks.freshrelease.com/issues/FSALES-7734) |
| Mysql use respective users while accessing db from app | [https://freshworks.freshrelease.com/FSALES-7715](https://freshworks.freshrelease.com/issues/FSALES-7715) |
| Move to sidekiq pro | [https://freshworks.freshrelease.com/FSALES-9905](https://freshworks.freshrelease.com/FSALES/issues/FSALES-9905) |
| Revisiting production layers | [https://freshworks.freshrelease.com/FSALES-7687](https://freshworks.freshrelease.com/issues/FSALES-7687) |
| Cost optimisation |  |
| Rotating deployment keys |  |