# Title: Eagle One - Mid 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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|  | **Name** | **Email** | **Git home (if applicable)** |
| **Tech Lead** | Sivakumar | [sivakumar.muthuchamy@freshworks.com](mailto:sivakumar.muthuchamy@freshworks.com) | <https://github.com/sivakumar07> |
|  | Dwarakanath | [thoppe.dwarakanath@freshworks.com](mailto:thoppe.dwarakanath@freshworks.com) | <https://github.com/thoppe-dwarakanath> |

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

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| --- | --- | --- | --- | --- | --- |
| Metric | April | May | June | July | Aug |
| Uptime(99.99%) - Based on updates.freshsales.io | 100% | 100% | 100% | 100% | 100% |
| Response time : Average(<90ms) | 131ms | 135ms | 112ms | 110ms | 197ms |
| Server Apdex(0.99) | 0.98 | 0.97 | 0.98 [0.5] | 0.98 [0.5] | 0.97[0.5] |
| Browser Apdex |  |  | 0.9 [7.0] | 0.9 [7.0] | 0.91[7.0] |
| Infra cost | 48K | 84K | 154k (133k RDS RI) |  | 100k |

## **Previous Aspirations Link:**

[Eagle One - Mid Q3 2019 Aspirations](https://confluence.freshworks.com/display/freshsales/Eagle+One+-+Q3+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 |
| Restricting SUDO Access to app user in EC2 instances  [Madhava Sanikommu](https://confluence.freshworks.com/display/~madhava.sanikommu) | Done | [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) | Done | [https://freshworks.freshrelease.com/FSALES-11296](https://freshworks.freshrelease.com/FSALES/issues/FSALES-11296) |
| Sidekiq queue redesign  - Near real time queues [Sivakumar Muthuchamy](https://confluence.freshworks.com/display/~sivakumar.muthuchamy) | Done | <https://freshworks.freshrelease.com/FSALES/issues/FSALES-10504> |
| Optimized Middleware taking time : RateLimiting#call [Madhava Sanikommu](https://confluence.freshworks.com/display/~madhava.sanikommu) | Done | <https://freshworks.freshrelease.com/FSALES/issues/FSALES-11358> |
| Capture request queuing in Newrelic [Madhava Sanikommu](https://confluence.freshworks.com/display/~madhava.sanikommu) | Done | <https://freshworks.freshrelease.com/FSALES/issues/FSALES-10865> |
| Spot instance in staging | In progress | <https://freshworks.freshrelease.com/FSALES/issues/FSALES-11728> |

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

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| Goal | Deliverables |
| Supporting India Pod for Freshsales | <https://freshworks.freshrelease.com/FSALES/issues/FSALES-12234> |
| 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 |  |