# Title: DevOps - Q2 2019 Aspirations

|  |
| --- |
| **Aspirations - Mar 2019** Freshsales 26 Mar 2019 |
| Mission: Scale Freshsales ensuring high availability and reliability in cost effective manner |

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Name** | **Email** | **Git home (if applicable)** |
| **Tech Lead** | Sivakumar | [sivakumar.muthuchamy@freshworks.com](mailto:sivakumar.muthuchamy@freshworks.com) | <https://github.com/orgs/freshdesk/people/sivakumar07> |
|  | Madhava Reddy SV | [madhava.sanikommu@freshworks.com](mailto:madhava.sanikommu@freshworks.com) | <https://github.com/venkatamadhavareddysanikommu> |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Metric | December | January | February | March(Until today) |
| Uptime(99.99%) - Based on updates.freshsales.io | 100% | 99.94% | 100% | 100% |
| Response time : Average(<90ms) | 130 ms | 129 ms | 151 ms | 128 ms |
| Apdex(0.99) | 0.97 | 0.97 | 0.97 | 0.98 |
| Infra cost | 186.18k | 28.6(k) / 41.1? | 54.3k | 37k |

## **Previous Aspirations Link:**

[DevOps - Q1 2019 Aspirations](https://confluence.freshworks.com/display/freshsales/DevOps+-+Q1+2019+Aspirations)

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

|  |  |  |
| --- | --- | --- |
| Goal (from previous Aspirations) | Status | Deliverables |
| **Admin Console Roles** [Madhava Sanikommu](https://confluence.freshworks.com/display/~madhava.sanikommu) | Done | <https://freshworks.freshrelease.com/issues/FSALES-7747> |
| Creating shard specific accounts for NOC monitoring [Sivakumar Muthuchamy](https://confluence.freshworks.com/display/~sivakumar.muthuchamy) | Done | <https://freshworks.freshrelease.com/issues/FSALES-7808> |
| **Ruby version upgrade to 2.3.7** [Madhava Sanikommu](https://confluence.freshworks.com/display/~madhava.sanikommu) [Sivakumar Muthuchamy](https://confluence.freshworks.com/display/~sivakumar.muthuchamy) | Done | <https://freshworks.freshrelease.com/issues/FSALES-7737> |
| **Sidekiq redesign processes for each instance type** [Madhava Sanikommu](https://confluence.freshworks.com/display/~madhava.sanikommu) | Done | <https://freshworks.freshrelease.com/issues/FSALES-7178> |
| **MySQL upgrade 5.7.23 (DevOps)** [Madhava Sanikommu](https://confluence.freshworks.com/display/~madhava.sanikommu) [Sivakumar Muthuchamy](https://confluence.freshworks.com/display/~sivakumar.muthuchamy) | In Progress | <https://freshworks.freshrelease.com/issues/FSALES-7682> |
| Docker support for fs-dedupe and elasticsearch services [Madhava Sanikommu](https://confluence.freshworks.com/display/~madhava.sanikommu) | In Review | <https://freshworks.freshrelease.com/issues/FSALES-7822> |
| Migrate G+ to G sign-in [Madhava Sanikommu](https://confluence.freshworks.com/display/~madhava.sanikommu) | In Progress | <https://freshworks.freshrelease.com/issues/FSALES-7628> |
| **Removing support for TLS 1.0** [Madhava Sanikommu](https://confluence.freshworks.com/display/~madhava.sanikommu) [Sivakumar Muthuchamy](https://confluence.freshworks.com/display/~sivakumar.muthuchamy) | Done | <https://freshworks.freshrelease.com/issues/FSALES-8241> |
| Fsbot file upload directly to S3 instead of middle server hop [Madhava Sanikommu](https://confluence.freshworks.com/display/~madhava.sanikommu) | Done | <https://freshworks.freshrelease.com/issues/FSALES-8015> |
| Fsbot output attachments move them from email attachments [Madhava Sanikommu](https://confluence.freshworks.com/display/~madhava.sanikommu) | Done | <https://freshworks.freshrelease.com/issues/FSALES-7735> |
|  |  |  |

## **Top Issues (faced since last Aspirations)**

|  |  |  |
| --- | --- | --- |
| Issue | Root cause | Recurring |
|  |  |  |

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

|  |  |
| --- | --- |
| Goal | Deliverables |
| Sidekiq redesign according to queue priorities | <https://freshworks.freshrelease.com/issues/FSALES-7675> |
| Use connection pool for redis connections | <https://freshworks.freshrelease.com/issues/FSALES-8472> |
| Add Haproxy level block | <https://freshworks.freshrelease.com/issues/FSALES-8041> |
| Create a new stack for Freshsales Dedupe in staging and prod | <https://freshworks.freshrelease.com/issues/FSALES-9716> |
| Migrating to freshping |  |

|  |  |
| --- | --- |
| Stretch goal | Deliverables |
| Parallelise the database migrations for shards | <https://freshworks.freshrelease.com/issues/FSALES-7734> |
| Mysql use respective users while accessing db from app | <https://freshworks.freshrelease.com/issues/FSALES-7715> |
| Revisiting production layers | <https://freshworks.freshrelease.com/issues/FSALES-7687> |
| Cost optimisation |  |
| Rotating deployment keys |  |

## **Identified risks**

|  |  |  |
| --- | --- | --- |
| Risk | Mitigation strategy | Recurring |
|  |  |  |

## **Do you have any specific asks? (any help needed to address constraints, unblocking, ...)**

**(Please keep this list engineering related - this section is optional)**

|  |  |  |
| --- | --- | --- |
| Ask | Impact | Recurring |
|  |  |  |

## **Peer appreciation**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Appreciated by | Impact | In their own words |
|  |  |  |  |