# Title: Devops - August 2018 Aspirations

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| **Aspirations - April 2018** Freshsales, Spock, 22 Aug 2018 |
| Mission: Scale Freshsales ensuring high availability and reliability in cost effective manner |

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| --- | --- | --- | --- |
|  | **Name** | **Email** | **Git home (if applicable)** |
| **Tech Lead** | Tholkappiyan | [tholkappiyan.velavan@freshworks.com](mailto:tholkappiyan.velavan@freshworks.com) | [github.com/Tholkappiyan](http://github.com/Tholkappiyan) |
| **Members** | Venkata Madhava Reddy Sanikommu | [madhava.sanikommu@freshworks.com](mailto:madhava.sanikommu@freshworks.com) | [github.com/venkatamadhavareddysanikommu](http://github.com/venkatamadhavareddysanikommu) |

## **Success metrics - KPIs (Key Performance Indicators)**

1. Number of deployments
2. Uptime
3. Response Time

## **Previous Aspirations Link:**

[Devops - July 2018 Aspirations](https://confluence.freshworks.com/pages/viewpage.action?pageId=191633626)

## **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) | Results | Deliverables |
| Infra setup for google contacts [Tholkappiyan](https://confluence.freshworks.com/display/~tholkappiyan)   1. Redis labs on-boarded 2. Worker count based on instance size | Done | Unable to render Jira issues macro, execution error. |
| RDS upgrades [Tholkappiyan](https://confluence.freshworks.com/display/~tholkappiyan)   1. Added new shard 2. Upgraded slaves to R4 3. Upgraded baikal slaves to db.r4.xlarge | Done | Unable to render Jira issues macro, execution error.  RDS Reserved instances: ri-2018-07-19-09-38-04-132, ri-2018-07-19-09-39-22-671 |
| Addressed Security vulnerabilities | Done | Unable to render Jira issues macro, execution error. Unable to render Jira issues macro, execution error. Unable to render Jira issues macro, execution error. |
| Started pushing logs to Haystack [Tholkappiyan](https://confluence.freshworks.com/display/~tholkappiyan) | Done | Unable to render Jira issues macro, execution error. |
| Display custom toaster message [Tholkappiyan](https://confluence.freshworks.com/display/~tholkappiyan) | Done | Unable to render Jira issues macro, execution error. |
| Added more details in admin console [Madhava Sanikommu](https://confluence.freshworks.com/display/~madhava.sanikommu) | Done | Unable to render Jira issues macro, execution error. |
| Supreme setup in Freshsales   * SQL console * Code console | In QA | Unable to render Jira issues macro, execution error. |
| Miscellaneous tasks [Tholkappiyan](https://confluence.freshworks.com/display/~tholkappiyan)   * Ruby script to setup docker * Started on-boarding Runway | Done |  |

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

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| --- | --- | --- | --- |
| Metric | May | June | July |
| Deployments per month | 38 | 27 | 27 |
| Uptime | 100% | 100% | 100% |
| Response time : Average | 104 ms | 96.8 ms | 118 ms |
| Response time : 95th percentile | 392 ms | 350 ms | 343 ms |

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

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

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

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| --- | --- |
| Goal | Deliverables |
| RDS shard\_1 maintenance [Tholkappiyan](https://confluence.freshworks.com/display/~tholkappiyan) | Unable to render Jira issues macro, execution error. |
| Migrating remaining services to redis labs [Tholkappiyan](https://confluence.freshworks.com/display/~tholkappiyan) | Unable to render Jira issues macro, execution error. |
| Move jobs from Spock to Runway [Madhava Sanikommu](https://confluence.freshworks.com/display/~madhava.sanikommu) | Unable to render Jira issues macro, execution error. |
| Parallelise unit test case execution for PR requests in Runway [Tholkappiyan](https://confluence.freshworks.com/display/~tholkappiyan) | Unable to render Jira issues macro, execution error. |
| Automate repeated customer asks [Madhava Sanikommu](https://confluence.freshworks.com/display/~madhava.sanikommu) | Unable to render Jira issues macro, execution error. |
| Performance optimisation : Cache repetitive queries | Unable to render Jira issues macro, execution error. Unable to render Jira issues macro, execution error. |

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| Stretch goal | Deliverables |
|  |  |

## **Identified risks**

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| 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)**

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

## **Peer appreciation**

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

## **Plan/Roadmap/Vision - that extends beyond one month**