# Title: Devops - May 2018 Aspirations

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| **Aspirations - April 2018** Freshsales, Spock, 08 May 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) |
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## **Success metrics - KPIs (Key Performance Indicators)**

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

## **Previous Aspirations Link:**

[Devops - April 2018 Aspirations](https://confluence.freshworks.com/pages/viewpage.action?pageId=187500136)

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

|  |  |  |
| --- | --- | --- |
| Goal (from previous Aspirations) | Results | Deliverables |
| Upgraded vulnerable gems in app [Tholkappiyan](https://confluence.freshworks.com/display/~tholkappiyan) | 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. Unable to render Jira issues macro, execution error. Unable to render Jira issues macro, execution error. Unable to render Jira issues macro, execution error. |
| JIRA summary email [Madhava Sanikommu](https://confluence.freshworks.com/display/~madhava.sanikommu) | Done | Unable to render Jira issues macro, execution error. |
| Tracking code without unit tests or review in JIRA [Madhava Sanikommu](https://confluence.freshworks.com/display/~madhava.sanikommu) | Done | Unable to render Jira issues macro, execution error. |
| Migrate staging EC2 instances to HVM | Done | Solution for critical kernel bug |
| Formserv. changes for account migration | Done | Unable to render Jira issues macro, execution error. |
| Vulnerable gem upgrades in admin console | In QA | Unable to render Jira issues macro, execution error. Unable to render Jira issues macro, execution error. Unable to render Jira issues macro, execution error. Unable to render Jira issues macro, execution error. Unable to render Jira issues macro, execution error. Unable to render Jira issues macro, execution error. Unable to render Jira issues macro, execution error. Unable to render Jira issues macro, execution error. Unable to render Jira issues macro, execution error. Unable to render Jira issues macro, execution error. Unable to render Jira issues macro, execution error. Unable to render Jira issues macro, execution error. |

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

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| --- | --- | --- | --- |
| Metric | February | March | April |
| Deployments per month | 28 | 28 | 26 |
| Uptime | 100% | 99.99% | 100% |
| Response time : Average | 85 ms | 79.4 ms | 79.5 ms |
| Response time : 95th percentile | 279 ms | 272 ms | 290 ms |

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

|  |  |  |
| --- | --- | --- |
| Issue | Root cause | Recurring |
| Nginx restart for proxy containers | The app container takes some time to come up if there are migrations. But the nginx container comes up before that and it is unable to recognise the app container. | No |
| ES cluster request timeout issue | Bulk delete triggers multiple delete requests to ES cluster. The disk I/O was high. | No |

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

|  |  |
| --- | --- |
| Goal | Deliverables |
| Upgrade ES cluster instances [Tholkappiyan](https://confluence.freshworks.com/display/~tholkappiyan) |  |
| Address performance issues in production [Tholkappiyan](https://confluence.freshworks.com/display/~tholkappiyan) |  |
| Automate setting up docker for new engineer [Tholkappiyan](https://confluence.freshworks.com/display/~tholkappiyan) [Madhava Sanikommu](https://confluence.freshworks.com/display/~madhava.sanikommu) |  |
| Add more capabilities in Admin Console [Madhava Sanikommu](https://confluence.freshworks.com/display/~madhava.sanikommu) | Unable to render Jira issues macro, execution error. |

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| --- | --- |
| Stretch goal | Deliverables |
| Isolate Canary stack as a POD |  |

## **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 |
|  |  |  |  |

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

* Setup complete CD pipeline to deploy in Canary

## **Demo/Deep dives/Miscellaneous items/...**

## **Finally**

Copy this page's link in [2018-February](https://confluence.freshworks.com/pages/viewpage.action?pageId=64028673) page