# Title: Devops - June 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)** |
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## **Success metrics - KPIs (Key Performance Indicators)**

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

## **Previous Aspirations Link:**

[Devops - May 2018 Aspirations](https://confluence.freshworks.com/pages/viewpage.action?pageId=189236697)

## **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 |
| ES cluster upgrade [Tholkappiyan](https://confluence.freshworks.com/display/~tholkappiyan) | Done | The read timeout issue is resolved |
| Baikal dashboard setup [Tholkappiyan](https://confluence.freshworks.com/display/~tholkappiyan) | Setup is done. Still minor addressing issues. | <https://baikal.freshdesk.com/hue/search/?collection=37778> |
| Setup dynamic ELB & Firehose creation recipes for docker [Tholkappiyan](https://confluence.freshworks.com/display/~tholkappiyan) | Done | <https://github.com/freshdesk/freshsales-recipes/blob/docker/docker/recipes/infra_setup.rb> |
| Addressed security issues [Tholkappiyan](https://confluence.freshworks.com/display/~tholkappiyan) | Done | 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. |
| Update JIRA ticket fields for code without review or unit tests | Done | Unable to render Jira issues macro, execution error. |

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

|  |  |  |  |
| --- | --- | --- | --- |
| Metric | March | April | May |
| Deployments per month | 28 | 26 | 38 |
| Uptime | 99.99% | 100% | 100% |
| Response time : Average | 79.4 ms | 79.5 ms | 104 ms |
| Response time : 95th percentile | 272 ms | 290 ms | 392 ms |

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

|  |  |  |
| --- | --- | --- |
| Issue | Root cause | Recurring |
| ES process in new instances were restarting frequently. | Heap size for the ES process was hard coded based on instance type. | No |

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

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| --- | --- |
| Goal | Deliverables |
| Fix the minor bugs in populating baikal dashboard [Tholkappiyan](https://confluence.freshworks.com/display/~tholkappiyan) |  |
| Address performance issues in production [Tholkappiyan](https://confluence.freshworks.com/display/~tholkappiyan) |  |
| Migrating to redis labs [Tholkappiyan](https://confluence.freshworks.com/display/~tholkappiyan) |  |
| Add more capabilities in Admin Console [Madhava Sanikommu](https://confluence.freshworks.com/display/~madhava.sanikommu) | Unable to render Jira issues macro, execution error. |

|  |  |
| --- | --- |
| 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**

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| --- | --- | --- | --- |
| 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**

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