# Title: Devops - April 2018 Aspirations

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| **Aspirations - April 2018** Freshsales, Spock, 11 Apr 2018 |
| Mission: Scale Freshsales ensuring high availability and reliability in cost effective manner |

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

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

## **Previous Aspirations Link:**

[Devops - March 2018 Aspirations](https://confluence.freshworks.com/pages/viewpage.action?pageId=151029038)

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

|  |  |  |
| --- | --- | --- |
| Goal (from previous Aspirations) | Results | Deliverables |
| Migrate account across POD | Done | Unable to render Jira issues macro, execution error. Unable to render Jira issues macro, execution error. |
| Spock mailers on JIRA [Madhava Sanikommu](https://confluence.freshworks.com/display/~madhava.sanikommu) | Done | New Unassigned Issues Unable to render Jira issues macro, execution error.  Weekly Issues raised by QA Unable to render Jira issues macro, execution error. |
| Improved performance of reports dashboard \* | Done | N+1 queries Unable to render Jira issues macro, execution error. |
| Mysql and NginxProxy containers in docker stack \* | Done |  |
| Disabled action\_mailer logs to reduce the log size | Done | Reduced log size from 22 GB to 5 GB Unable to render Jira issues macro, execution error. |
| Reconfigured sidekiq workers to pick up jobs from all queues [Madhava Sanikommu](https://confluence.freshworks.com/display/~madhava.sanikommu) | Done | Unable to render Jira issues macro, execution error. |
| Enabled Baikal sync for EUC POD \* | Done |  |
|  |  |  |

\*Unplanned goals

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

|  |  |  |  |
| --- | --- | --- | --- |
| Metric | January | February | March |
| Deployments per month | 35 | 28 | 28 |
| Uptime | 100% | 100% | 99.99% |
| Response time : Average | 72.4 ms | 85 ms | 79.4 ms |
| Response time : 95th percentile | 241 ms | 279 ms | 272 ms |

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

|  |  |  |
| --- | --- | --- |
| Issue | Root cause | Recurring |
| Moving redis data across POD | There is no mechanism to dum selective keys from redis | No |
| Retaining the ACL of S3 files on migrating across buckets | The s3 copy command doesnot copy the ACL | No |

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

|  |  |
| --- | --- |
| Goal | Deliverables |
| Address performance issues in production |  |
| Migrate PV instances to HVM [Critical Kernel Bug](https://aws.amazon.com/security/security-bulletins/AWS-2018-013/) |  |
| Improve the S3 copy mechanism for migrating across PODs |  |
| Add more capabilities in Admin Console [Madhava Sanikommu](https://confluence.freshworks.com/display/~madhava.sanikommu) | Unable to render Jira issues macro, execution error. Unable to render Jira issues macro, execution error. |

|  |  |
| --- | --- |
| Stretch goal | Deliverables |
| Move closer to CD |  |

## **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)**

|  |  |  |
| --- | --- | --- |
| 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