Project Proposal

Prepared for: Elasticsearch, Management of URIs using ELK stack

MyStash

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# EXECUTIVE SUMMARY

## Objective

Provide Enterprise grade affordable Fault Management System, using Elasticsearch, Logstash, Kibana, X-Pack, Monit and RSyslog.

## Goals

Identify solution for Cybersecurity, Network Service Fault & Performance management use cases for collection using Filebeat and RSyslog to identify Root Cause of Network Fault & performance degradation in URIs.

## Solution

In a Mission Critical BFSI systems, the cost of Cyber breach, Service Outage and Performance degradation is a major bottleneck. ELK stack provides a flow-through enterprise grade system which can tap into multifarious network elements and applications (URIs). **Monit** is a utility for managing and **monitoring** processes, programs, files, directories and filesystems on a Unix system. It is capable of conditional restart of the managed processes.

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## Glossary

URI - Uniform Resource Identifier.

URL- Uniform Resource Locater.

URN - Uniform Resource Name.

## Project Outline

Cybersecurity is pivotal in Business Systems, as the sustainable operation model involves on-premise as well as virtual landscape.

Ref: <https://www.mailguard.com.au/blog/cybersecurity-basics-smb>

The above URL clearly indicates:

* cybercrime attacks have increased by 300% since 2015
* 43% of cybercrime targets smaller businesses
* 22% of small businesses hit by cyber-attacks are so badly affected they cannot continue operating
* 60% of small businesses that experience a significant cyber breach go out of business within the following six months.

# BUDGET

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TBD

| Description | Quantity | Unit Price | Cost |
| --- | --- | --- | --- |
| TBD | 55 | $‎ 100 | $‎ 5,500 |
| TBD | 13 | $‎ 90 | $‎ 1,170 |
| TBD | 25 | $‎ 50 | $‎ 1,250 |
|  |  |  |  |
| Total |  |  | **$‎ 7,920** |