



Elasticsearch Installation & Upgrade Mentored Learning Workshop

Overview

The primary focus of this workshop is to aide Cloud Technology DevOps Teams in the Integration strategies of Elasticsearch Logstash Kibana Log Analytics into IBM Bluemix.

The sessions in the workshop will cover Architectures, Virtual Server Creation, ELK Stack Installation, ELK Usage & Alerts, and Logstash integrations. The curriculum will include live exercises and demonstrations focusing on Best Practices and Troubleshooting scenarios. The exercises will be conducted with heavy student participation.

The intent is to mentor your Team in advanced skills with practical knowledge used in the Elasticsearch Logstash Kibana (ELK) Log Analytics Stack integration with IBM Bluemix. The exercises and demonstrations will allow the Facilitator and the students to explore, test and troubleshoot various theories learned during the lecture.

A list of set-up requirements will be sent to a contracted client at least 3 weeks prior to commencement.

Mentored Learning Training Framework

These technologies will be considered and utilized during content development and the duration of the workshop.

OVERVIEW

- Beats
- APM Server
- Elasticsearch Hadoop
- Kibana
- Logstash

INSTALLING THE ELASTIC STACK

- Elasticsearch
- Kibana
- Logstash
- Beats
- APM Server
- Elasticsearch Hadoop
- Installing Elasticsearch on Cloud

UPGRADING THE ELASTIC STACK

- Preparing to Upgrade
- Upgrade Process
- Upgrading from 6.6 or earlier
- Upgrading on Elastic Cloud

HIGHLIGHTS

- APM
- Beats
- Elasticsearch
- Kibana

BREAKING CHANGES/CODE COMPATABILITY

- APM
- Beats
- Elasticsearch
- Elasticsearch Hadoop
- Kibana
- Logstash