Configure Logstash

Configure Logstash by editing /etc/logstash/logstash.yml and /etc/logstash/conf.d/ files as needed.

Step-1: Test Logstash configuration:

cat logstash.yaml

```
# Settings file in YAML
pipeline.batch.size: 125
pipeline.batch.delay: 5
# ------------ Data path ------------------
path.data: /var/lib/logstash

# ------------ Pipeline Settings --------------
path.config: /etc/logstash/logstash-sample.conf
# ------------ Debugging Settings --------------
log.level: info
path.logs: /var/log/logstash
```

Step-2: cat logstash-sample.conf

```
# Sample Logstash configuration for creating a simple
# Beats -> Logstash -> Elasticsearch pipeline.

input {
 file{
  path => ["/app/bitbucket/log/*.log"]
  start_position => "beginning"
  type => "bitbucket-logs.access"
 }
 file{
  path => ["/app/bitbucket/log/search/bitbucket_*.log"]
  start_position => "beginning"
  type => "bitbucket-logs.search"
 }
 file{
  path => ["/app/bitbucket/log/audit/*.log"]
  start_position => "beginning"
  type => "bitbucket-logs.audit"
 }

}
output{

  elasticsearch {
  hosts => ["http://10.250.147.51:9200"]
  index => "%{type}-%{+YYYY.MM.dd}"
  user => "*******"
  password => "*******"
  manage_template => false
  ssl_certificate_verification => false
  codec => json
  }

 }
```

Note : Some time index pattern is not visible on kibana dashboard at that time connect with elastic team. This issue is occur due to permission issue of user which is provided by elastic team.

Reload Logstash configuration

```
sudo systemctl restart logstash.
```

Verify Logstash status:

```
sudo systemctl status logstash.
```

If required, configure additional plugins and input/output plugins based on your needs.
Access Logstash logs at /var/log/logstash/ directory for troubleshooting.