



# ELK

 Initial KT provided by [prashanth.baddam@mtn.com](mailto:prashanth.baddam@mtn.com)

As discussed with [Abhishek.Mondal2@mtn.com](mailto:Abhishek.Mondal2@mtn.com) he external ELK configuration was needed.

he told this is some enhancement needed for the project.

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 Login to elastic cloud and get the keys required as remote ELK was needed

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## Solution approach:

Create APM account and give the token the .

| Configuration setting | Configuration value  |
|-----------------------|--|
| serviceName           | my-service-name  |
| secretToken           | UyIJe7NgmL9TzFK6Iz   |
| serverUrl             | https://0050536552764c3caae26af275a0ef51.apm.us-central1.gcp.cloud.es.io:443 |
| environment           | my-environment   |

Configure the same thing in your application YAML file.

```
service_name=mtnLoyaltyManagementConnector
application_packages=com.mtn.publicConnector.backend.mtnBackendConnectorCr
server_url=https://0050536552764c3caae26af275a0ef51.apm.us-central1.gcp.cl
secret_token=UyIJe7NgmL9TzFK6Iz
environment=test
#enable_log_correlation=true
#verify_server_cert=false
#enabled=false
#recording=false
#disable_send=true
```

## RUN

Run It using elastic APM agent .

```
OSE 8089
mtnLoyaltyManagementConnector/target/*.jar mtnLoyaltyManagementConnect
mtnLoyaltyManagementConnector/target/libs/*.jar libs/
mtnLoyaltyManagementConnector/elastic-apm-agent-1.51.0.jar elastic-ap
RYPPOINT ["java", "-javaagent:elastic-apm-agent.jar", "-jar", "mtnLoyaltyM
```

LOG

Inside log steam the logs are going to get generated .

| Aug 29, 2024 | event.dataset    | Message   |          |
|--------------|------------------|---|----------|
|              |                  | "#<Java::JavaLang::NoSuchMethodError: 'org.bouncycastle.asn1.DERIA5String org.bouncycastle.asn1.DERIA5String.getInstance(java.lang.Object)'>" | 04:25:00 |
| 16:28:48.883 | agent.log        | [[[access] "GET / HTTP/" 200  |          |
| 16:28:49.596 | agent.log        | [agent.log][info] Running on policy with Fleet Server integration: policy-elastic-agent-on-cloud  | 04:30:00 |
| 16:28:49.596 | agent.log        | [agent.log][info] Running on policy with Fleet Server integration: policy-elastic-agent-on-cloud  |          |
| 16:28:50.822 | elasticsearch.gc | [elasticsearch.gc][info] Safepoint "Cleanup", Time since last: 3330544615 ns. Reaching safepoint: 25905 ns. Cleanup                           | 04:35:00 |