

Getting a microservice monitored by Prometheus in AKS

Start

Let's now use our updated microservice helm chart to help Prometheus discover and monitor our Trading microservice on AKS.

In Trading repo

1. Bump HELM_CHART_VERSION in .github\workflows\cicd.yml to the just published version.
2. Commit and push changes
3. Wait for the GitHub workflow to complete
4. Go to Prometheus in the cloud → Status → Service Discovery
5. Verify Trading service monitor is listed
6. Go to Status → Targets
7. Verify that Trading Service shows up and is UP
8. Perform one or two purchases in the Frontend Portal:
<https://playeconomy.eastus.cloudapp.azure.com>
9. Browse to Grafana → Explore
10. Enter this expression:

```
rate(PurchaseSuccess[1m]) * 60
```

11. Try out other expressions (optional):

```
rate(http_server_duration_ms_count{}[1m])  
rate(messaging_send_ea{}[$__rate_interval]) * 60
```

In the next assignment you will enable monitoring for your other microservices.