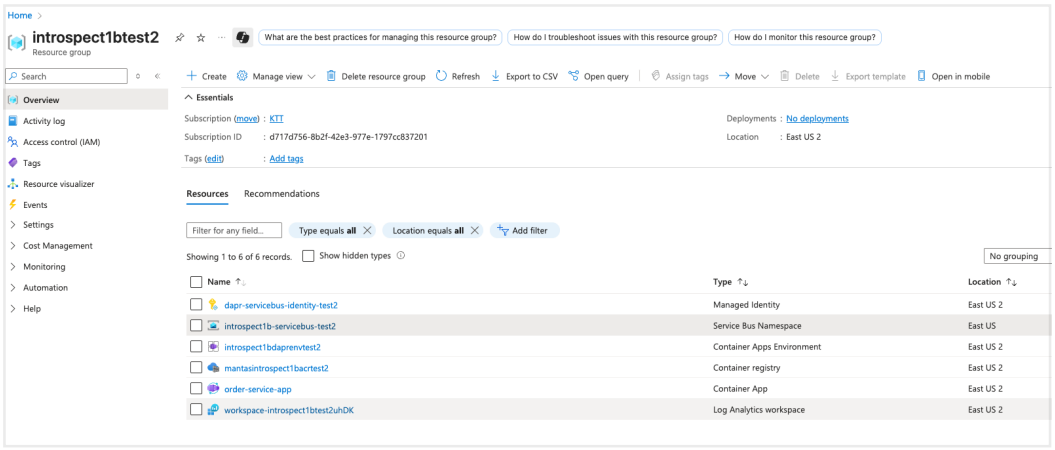
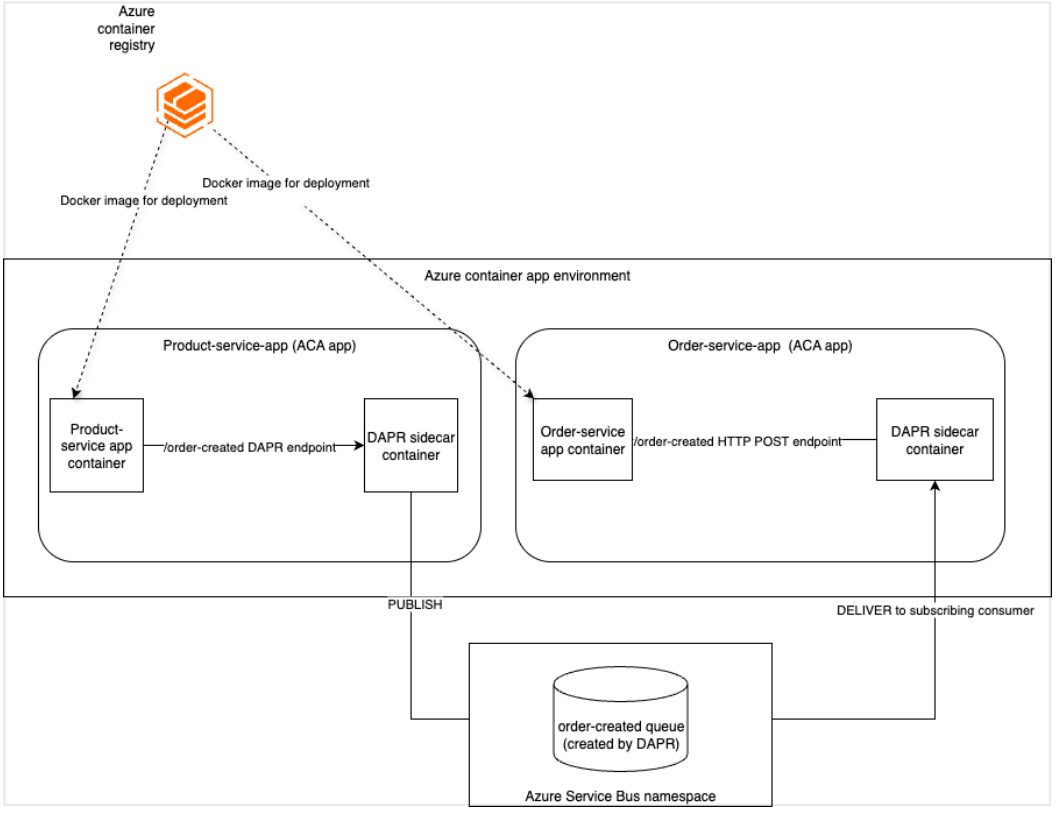
Architecture & Azure resources



Here is a diagram explaining communication between components. ACR is displayed to stress what I build and deploy on my own as opposed to Azure provided dependencies.

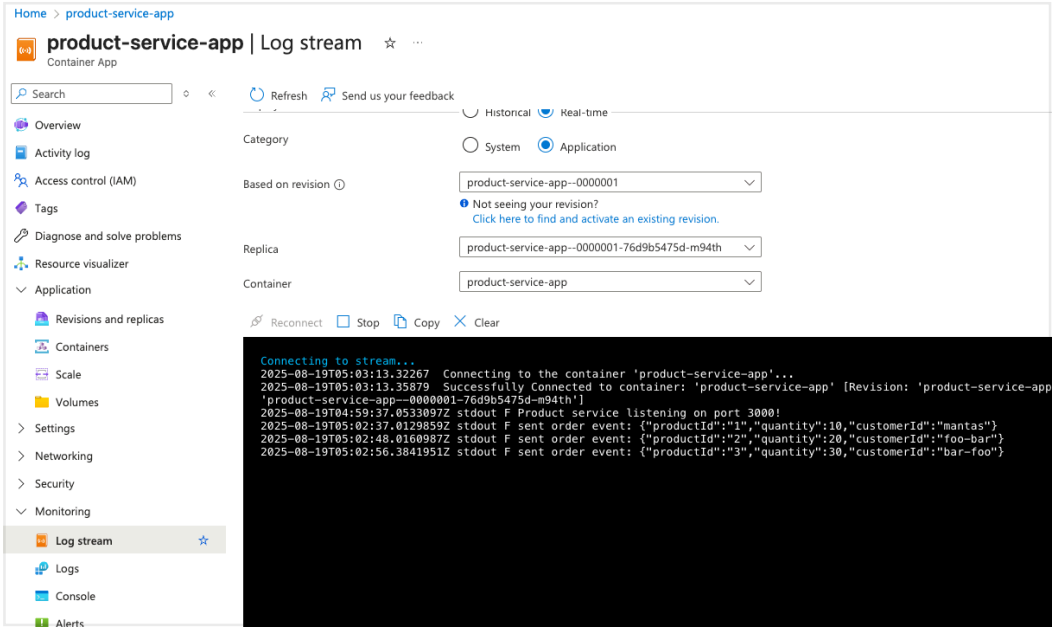


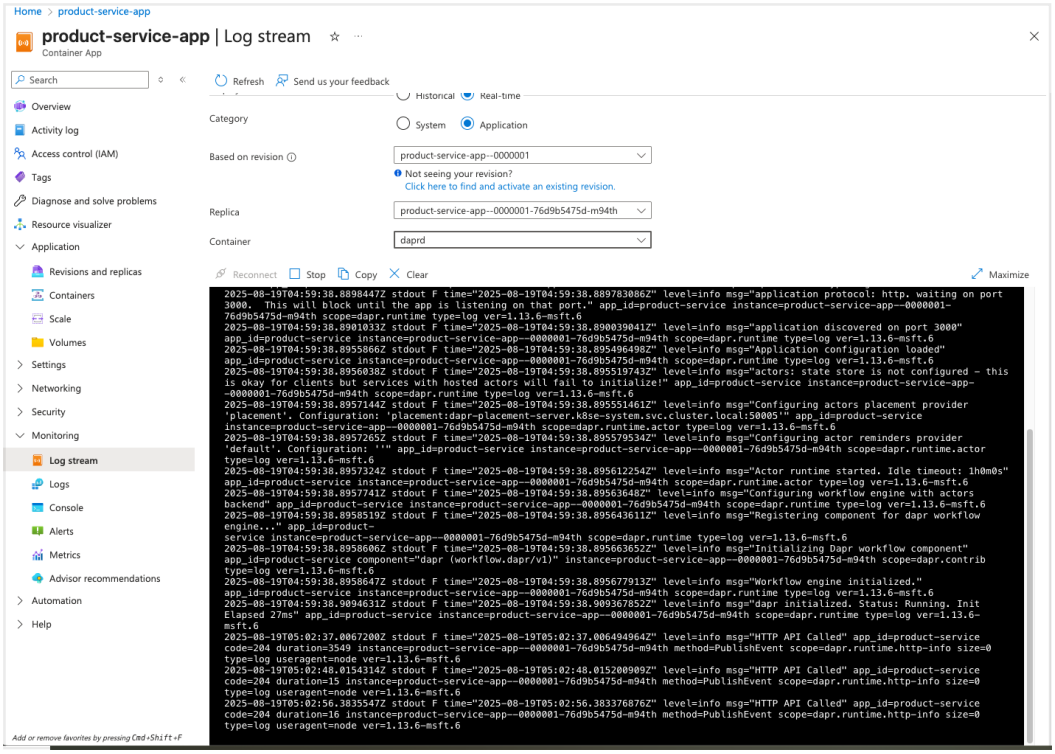
Test

Product-service is invoked through http POST. The sent payload is later sent through DAPR to order-service - see how the JSON with order details is reflected in different services.

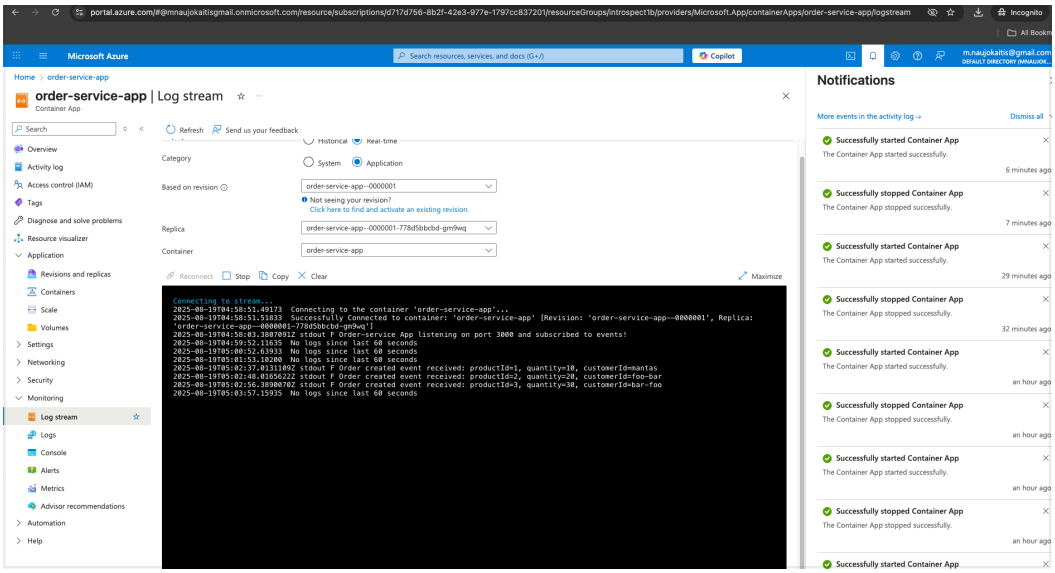
```
Terminal  order-service  product-service  cicd  RunMarkdown

2132040@LT-HYFF2JXP9V-DEV cicd % curl -X POST https://$(az containerapp show --name product-service-app --resource-group $RESOURCE_GROUP --query properties.configuration.ingress.fqdn --output tsv)/order-products \
-H "Content-Type: application/json" \
-d '{"productId": "1", "quantity": 10, "customerId": "mantas"}'
WARNING: The behavior of this command has been altered by the following extension: containerapp
{"message":"Order created and event published"}%
2132040@LT-HYFF2JXP9V-DEV cicd % curl -X POST https://$(az containerapp show --name product-service-app --resource-group $RESOURCE_GROUP --query properties.configuration.ingress.fqdn --output tsv)/order-products \
-H "Content-Type: application/json" \
-d '{"productId": "2", "quantity": 20, "customerId": "foo-bar"}'
WARNING: The behavior of this command has been altered by the following extension: containerapp
{"message":"Order created and event published"}%
2132040@LT-HYFF2JXP9V-DEV cicd % curl -X POST https://$(az containerapp show --name product-service-app --resource-group $RESOURCE_GROUP --query properties.configuration.ingress.fqdn --output tsv)/order-products \
-H "Content-Type: application/json" \
-d '{"productId": "3", "quantity": 30, "customerId": "bar-foo"}'
WARNING: The behavior of this command has been altered by the following extension: containerapp
{"message":"Order created and event published"}%
2132040@LT-HYFF2JXP9V-DEV cicd %
```

Product-service (app and dapr containers):





order-service: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Container App
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Historical
Real-time
Category
System
Application
Based on revision
order-service-app--0000001
Not seeing your revision?
Click here to find and activate an existing revision.
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order-service-app--0000001-778d5bbcbd-gm9wq
Container
order-service-app
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Stop
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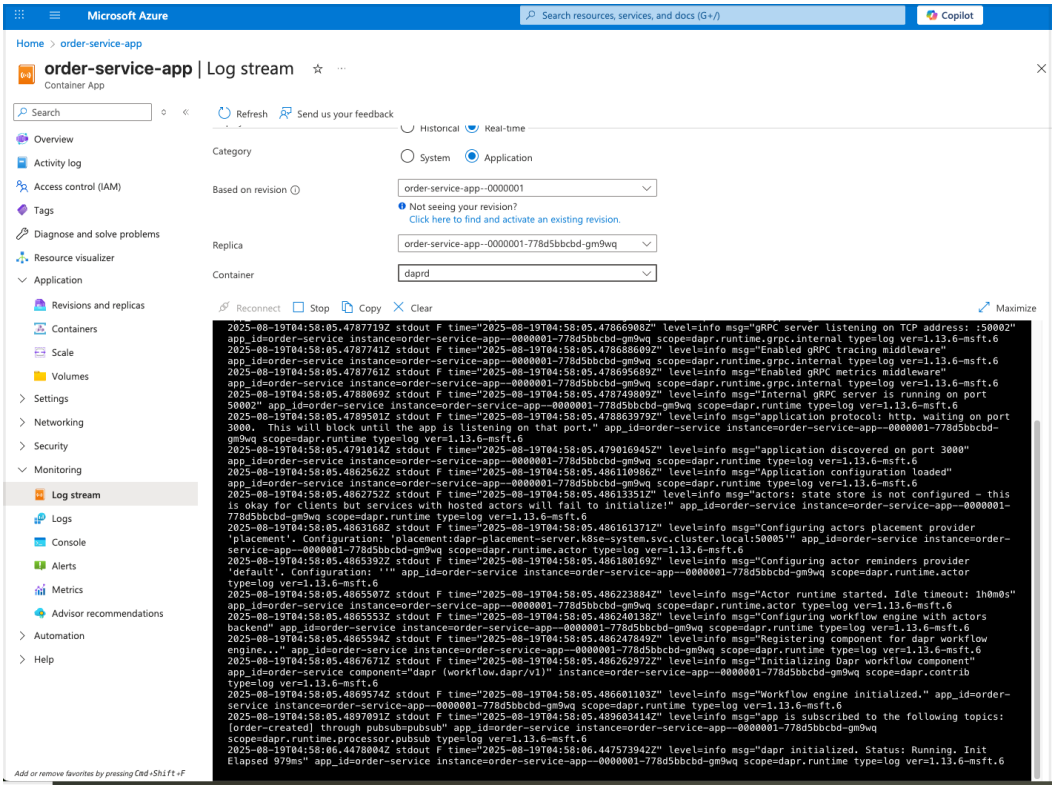
Access control (IAM)
Tags
Diagnose and solve problems
Resource visualizer
Application
Revisions and replicas
Containers
Scale
Volumes
Settings
Networking
Security
Monitoring
Log stream
Logs
Console
Alerts
Metrics
Advisor recommendations
Automation
Help
Notifications
More events in the activity log →
Dismiss all
Successfully started Container App
The Container App started successfully.
6 minutes ago
Successfully stopped Container App
The Container App stopped successfully.
7 minutes ago
Successfully started Container App
The Container App started successfully.
29 minutes ago
Successfully stopped Container App
The Container App stopped successfully.
32 minutes ago
Successfully started Container App
The Container App started successfully.
an hour ago
Successfully stopped Container App
The Container App stopped successfully.
an hour ago
Successfully started Container App
The Container App started successfully.
an hour ago
Successfully stopped Container App
The Container App stopped successfully.
an hour ago
Successfully started Container App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