Lab 4

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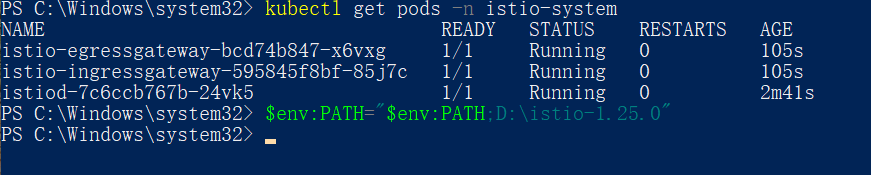
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Download Istio

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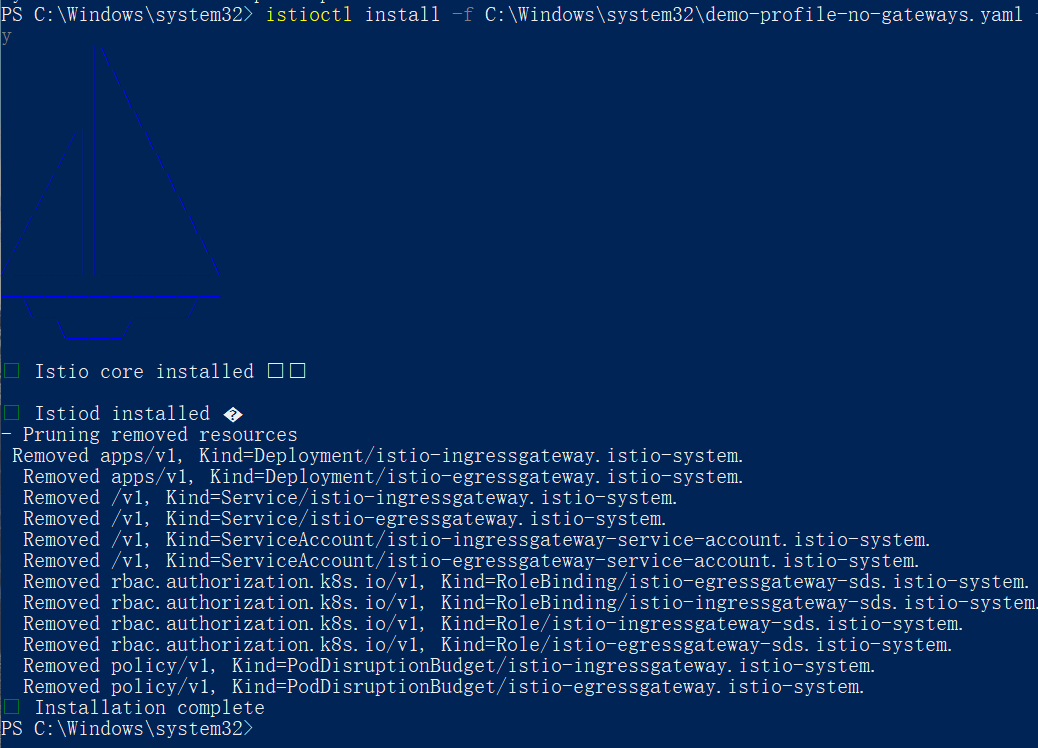


Move to the Istio package directory and add the istioctl client to the path



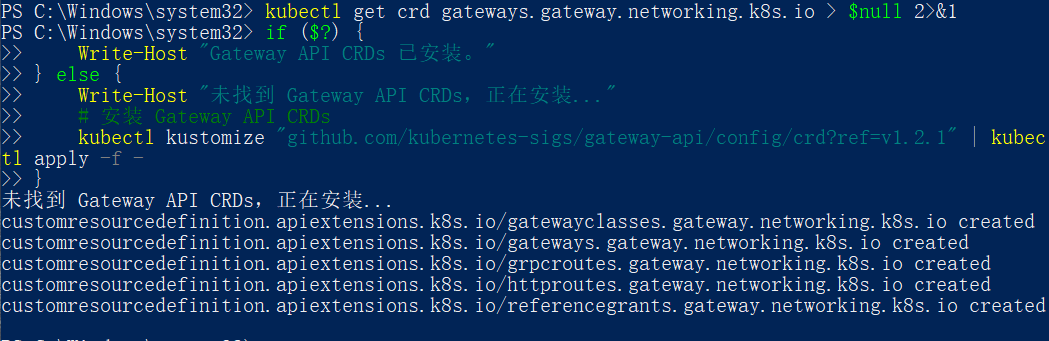
Install Istio

Install Istio using the demo profile, without any gateways



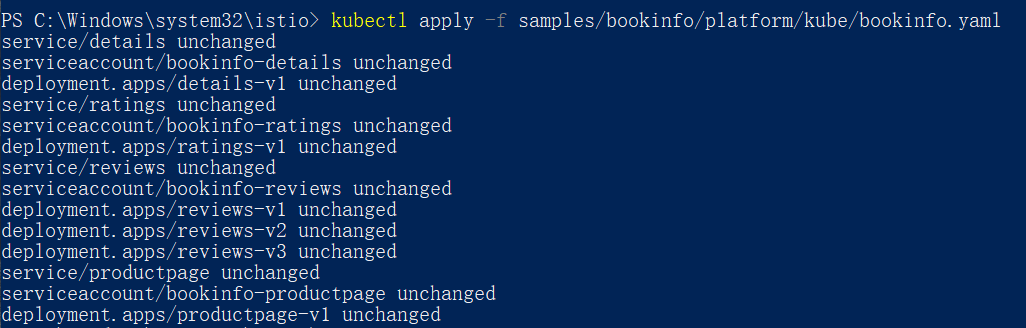
Install the Kubernetes Gateway API CRDs

Install the Gateway API CRDs, if they are not already present

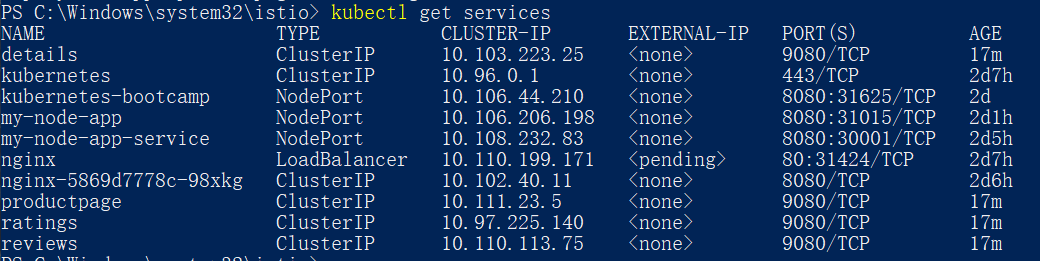


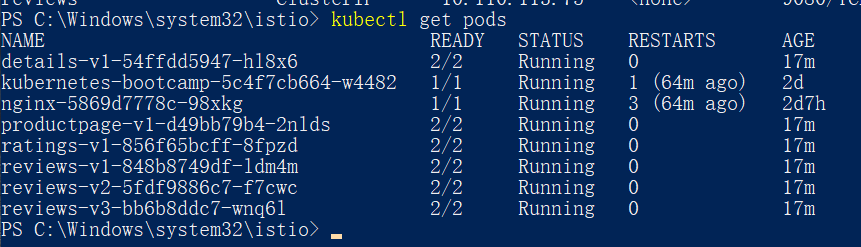
Deploy the sample application

Deploy the Bookinfo sample application

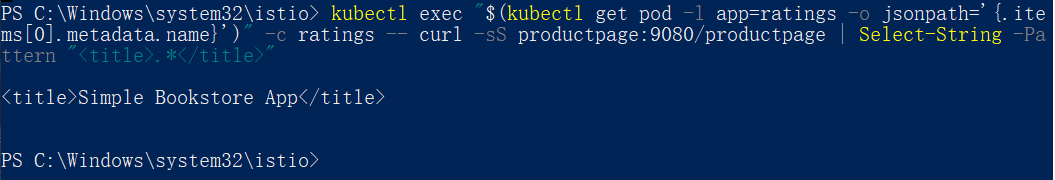


The application will start. As each pod becomes ready, the Istio sidecar will be deployed along with it



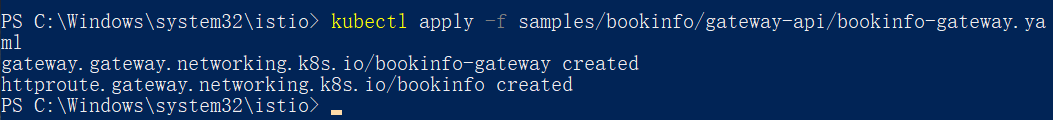


Validate that the app is running inside the cluster by checking for the page title in the response

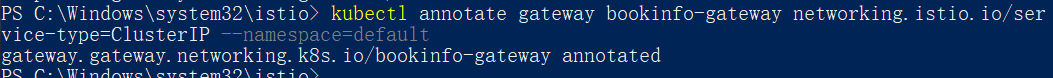


Open the application to outside traffic

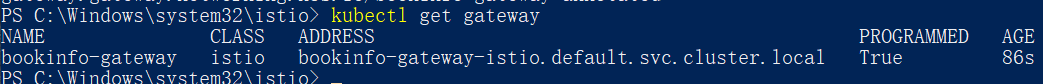
Create a Kubernetes Gateway for the Bookinfo application



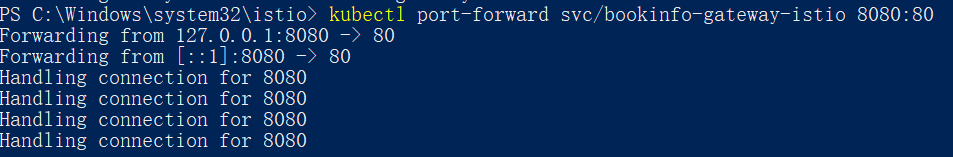
Change the service type to ClusterIP by annotating the gateway

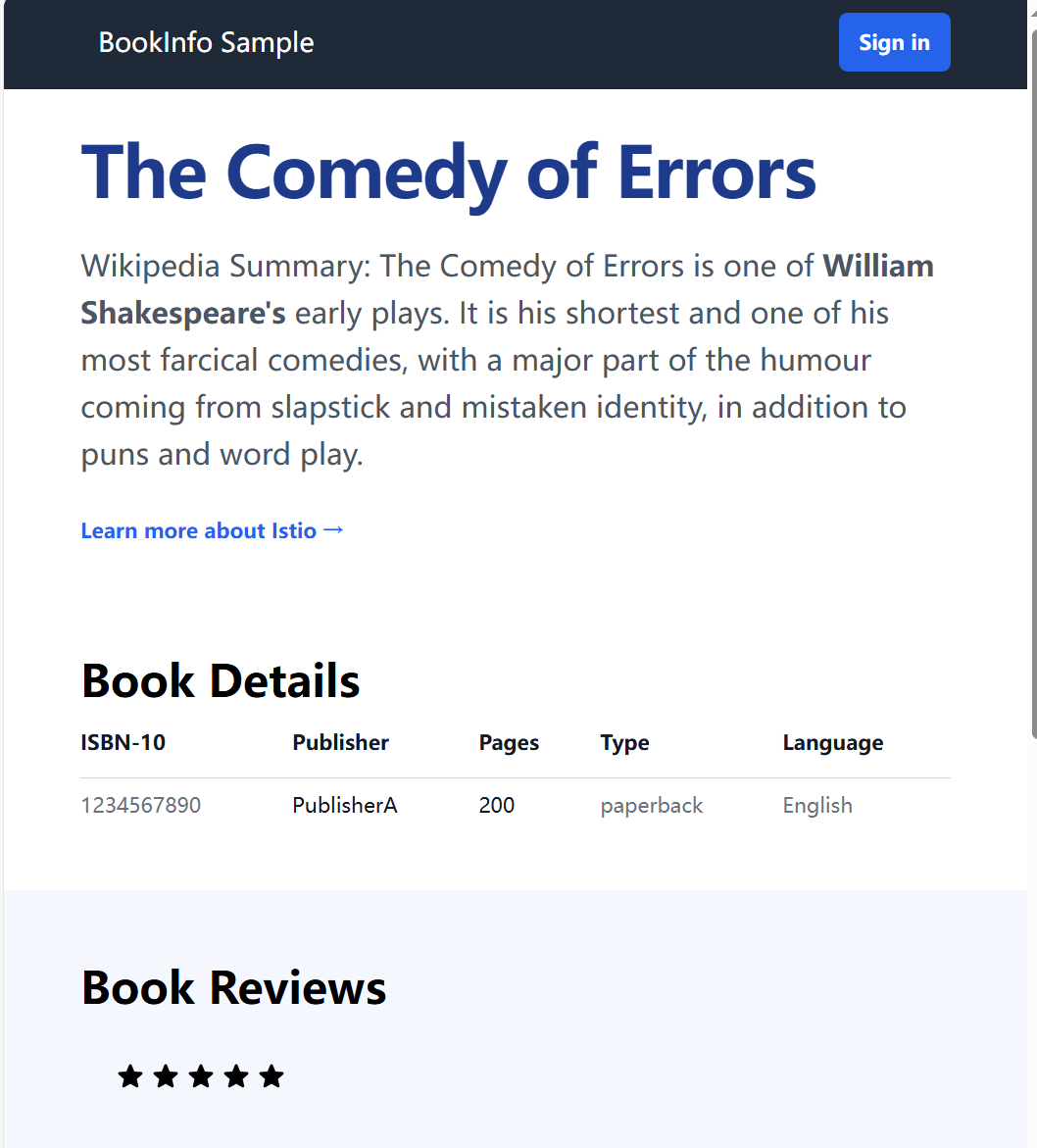


To check the status of the gateway, run:



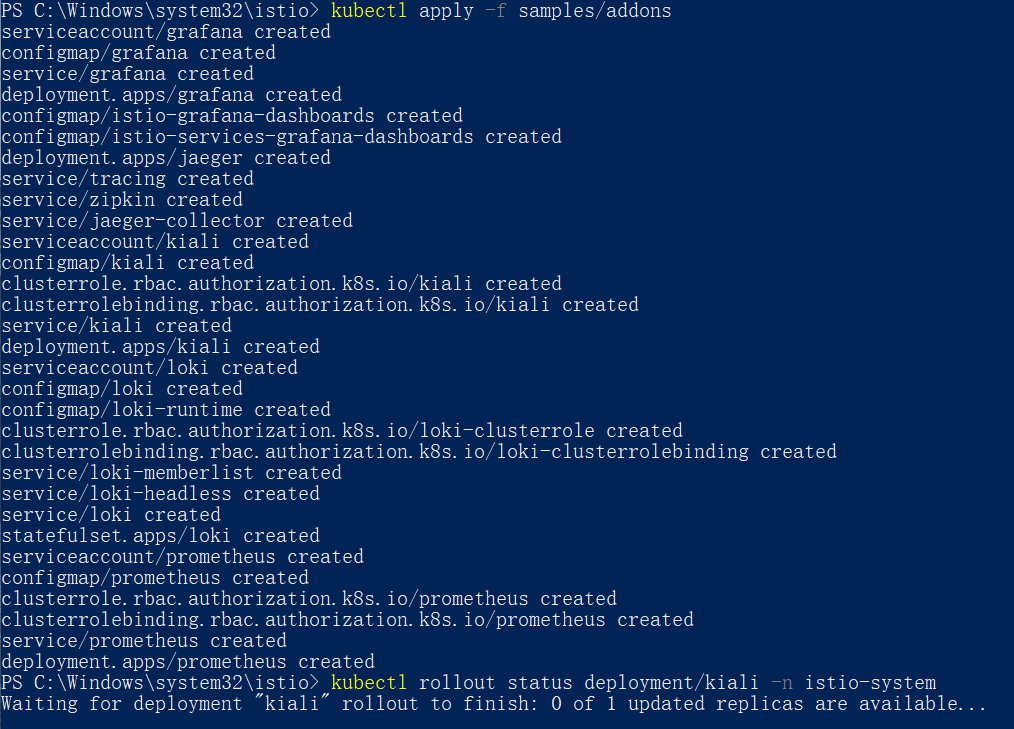
Access the application





View the dashboard

Install Kiali and the other addons and wait for them to be deployed



Access the Kiali dashboard.

