



WEBINAR

Building an **Integration Platform** in Azure

27/02/2024 | Arjen de Blok

Classification: Training (R5)

Algemene informatie en 'huisregels'



WEBINAR

Building an **Integration Platform** in Azure

- ┌ De webinar wordt opgenomen
- ┌ Slides en opname worden achteraf gedeeld via de mail
- ┌ Q&A bewaren we tot het eind
- ┌ Inzoomen?
- ┌ Graag je microfoon uitgeschakeld houden
- ┌ Camera's aan: optioneel, liefst wel tijdens Q&A
- ┌ Eet smakelijk!

Hello World!



Arjen de Blok

Sr. Consultant @ICT Group

29 year experience with

🔧 *.Net (Core)*

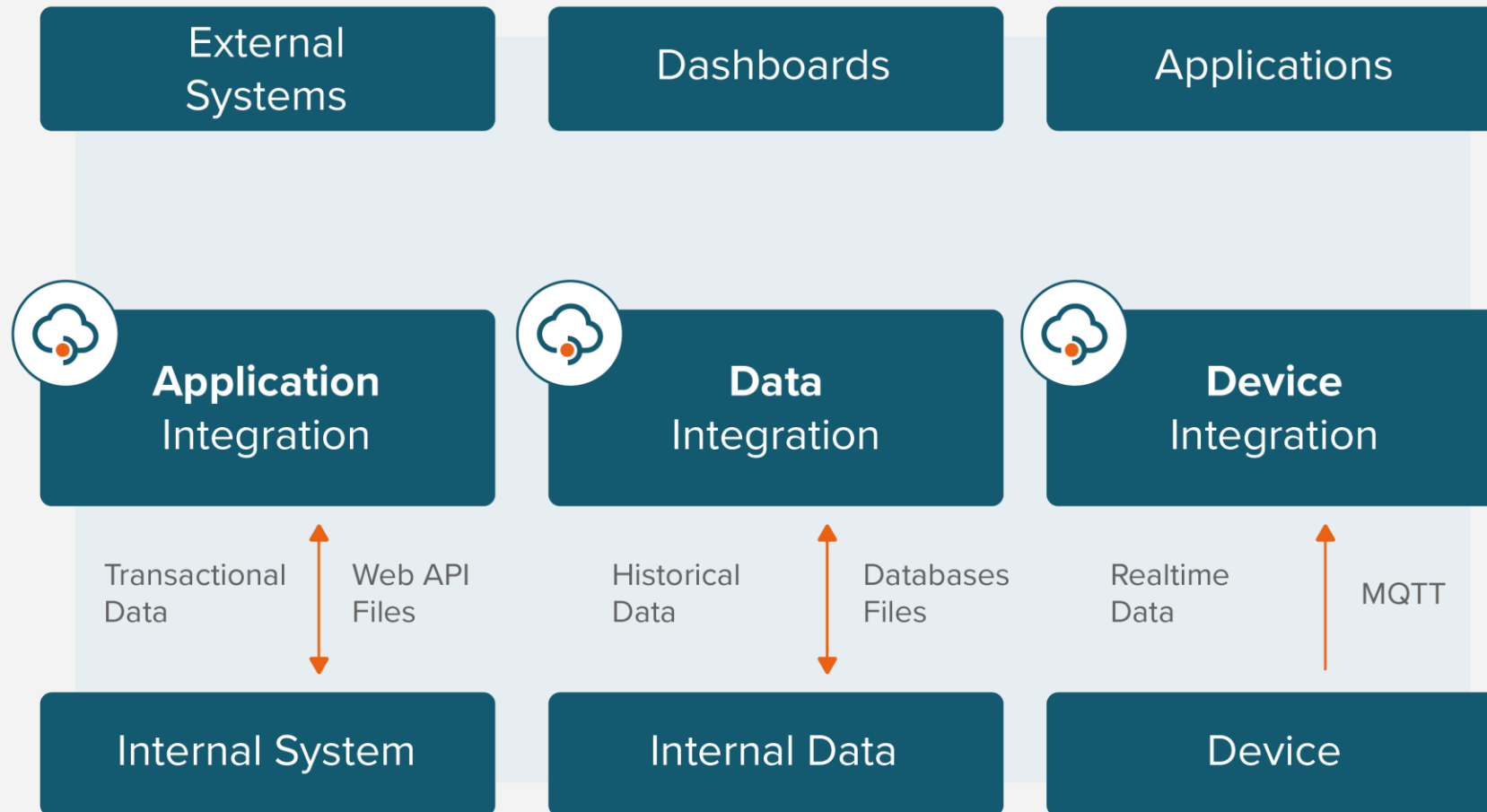
🔧 *Azure*

🔧 *Aurelia/Svelte*



- ❏ You will learn how to use Azure API Management and Logic Apps to integrate systems
- ❏ You will learn what Azure offers to make your solution more secure.
- ❏ You will learn how to extend with Azure Functions and the Azure Service Bus
- ❏ You will learn how to use Azure DevOps to control your deployments

Integration Types



An Integration Platform on Azure – Why



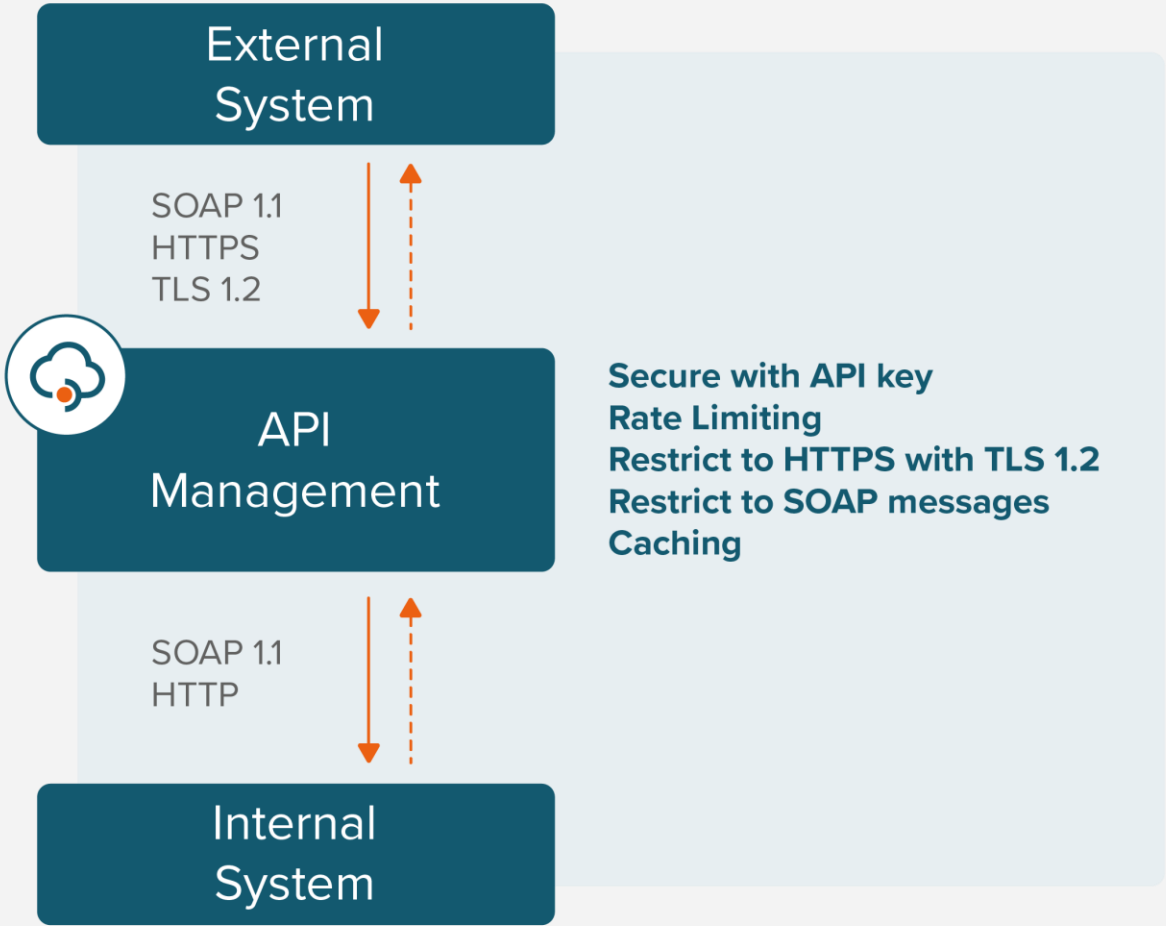
- └ Availability / Reliability
- └ Scalability
- └ Monitoring
- └ Security
- └ Serverless Architecture
- └ Infrastructure as Code
- └ Global Deployment
- └ Many Integration Possibilities



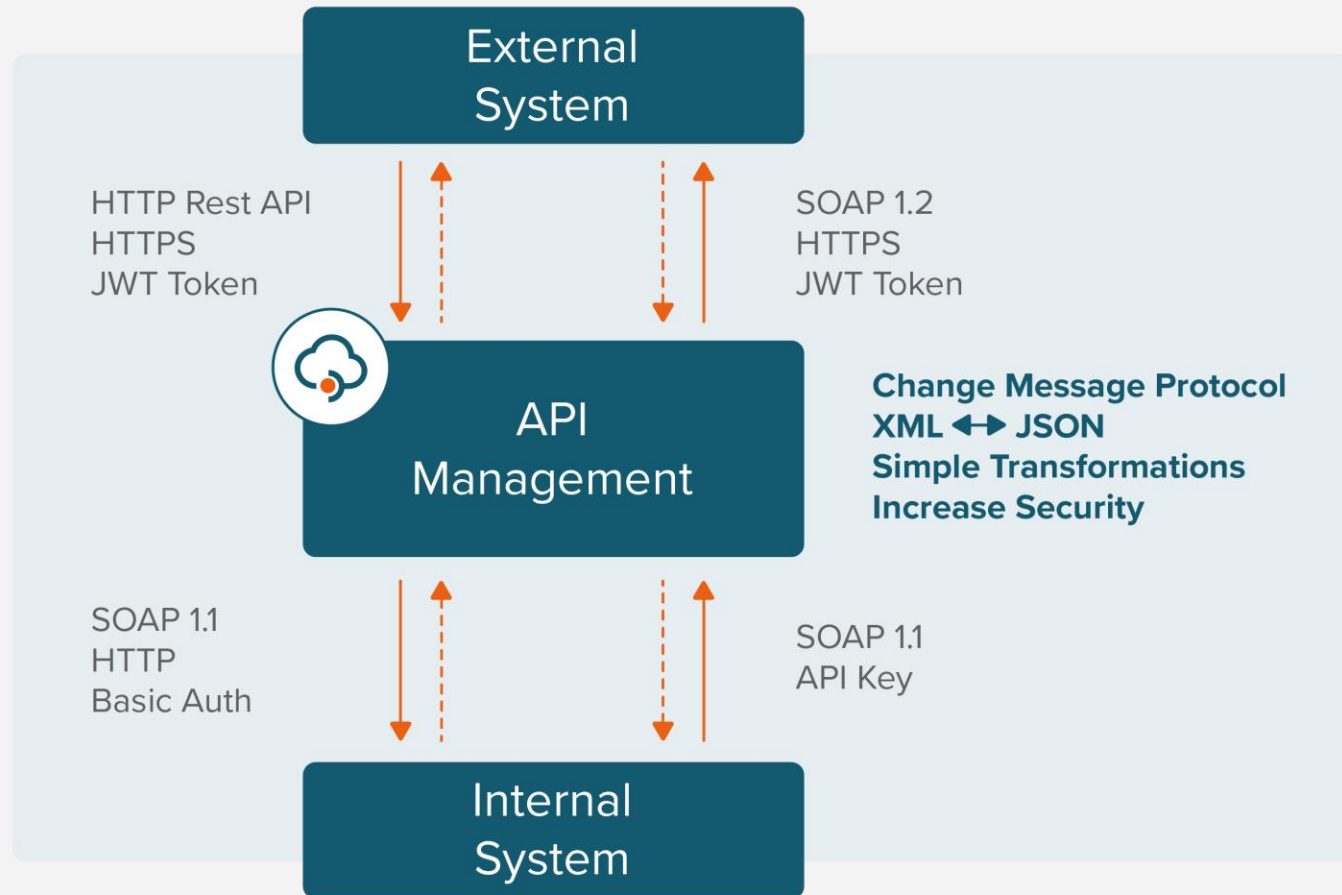
Gartner

Integration Platform as a Service (iPaaS) is a suite of **cloud services** enabling development, execution and governance of **integration flows** connecting **any combination** of on premises and cloud-based processes, services, applications and data within individual or across multiple organizations.

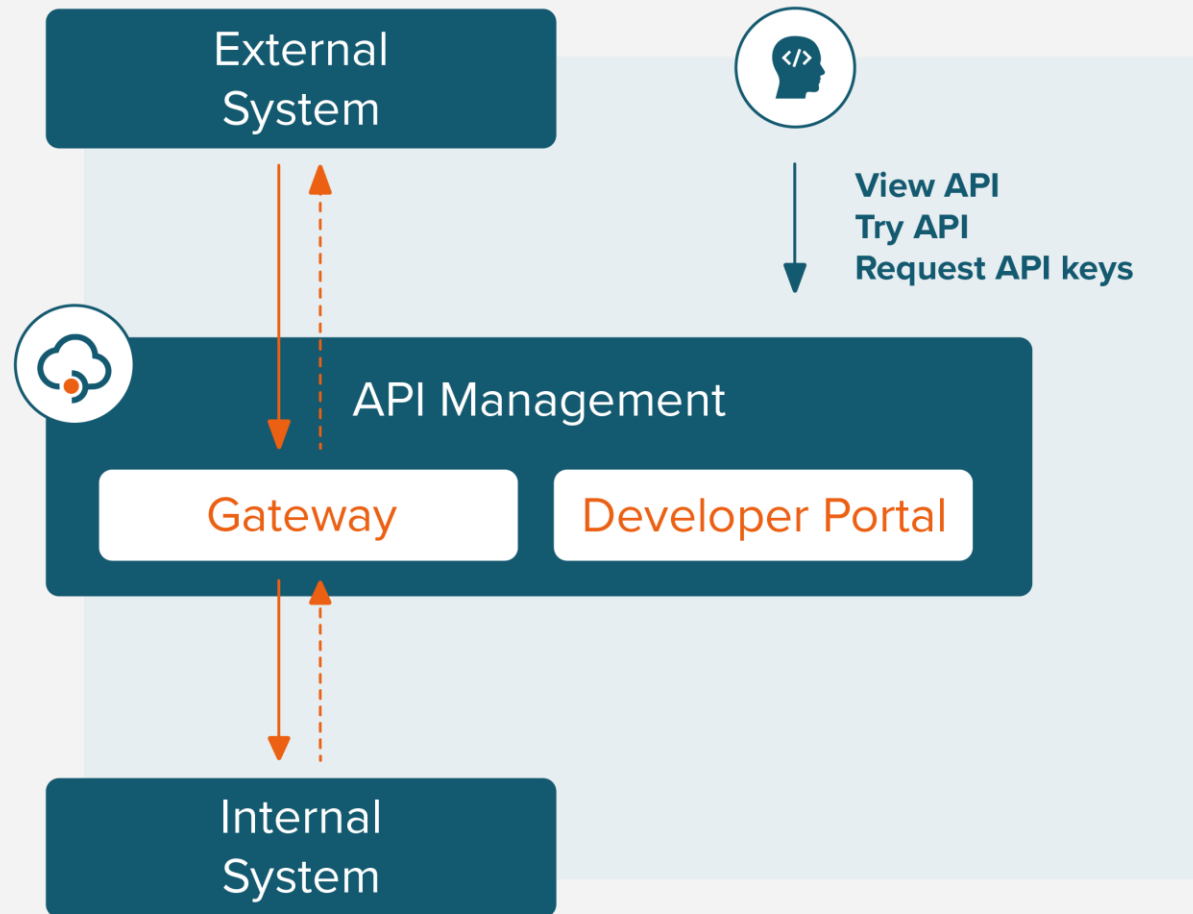
Start with API Management as a Proxy



Use API Management transformations



API Management – Developer Portal

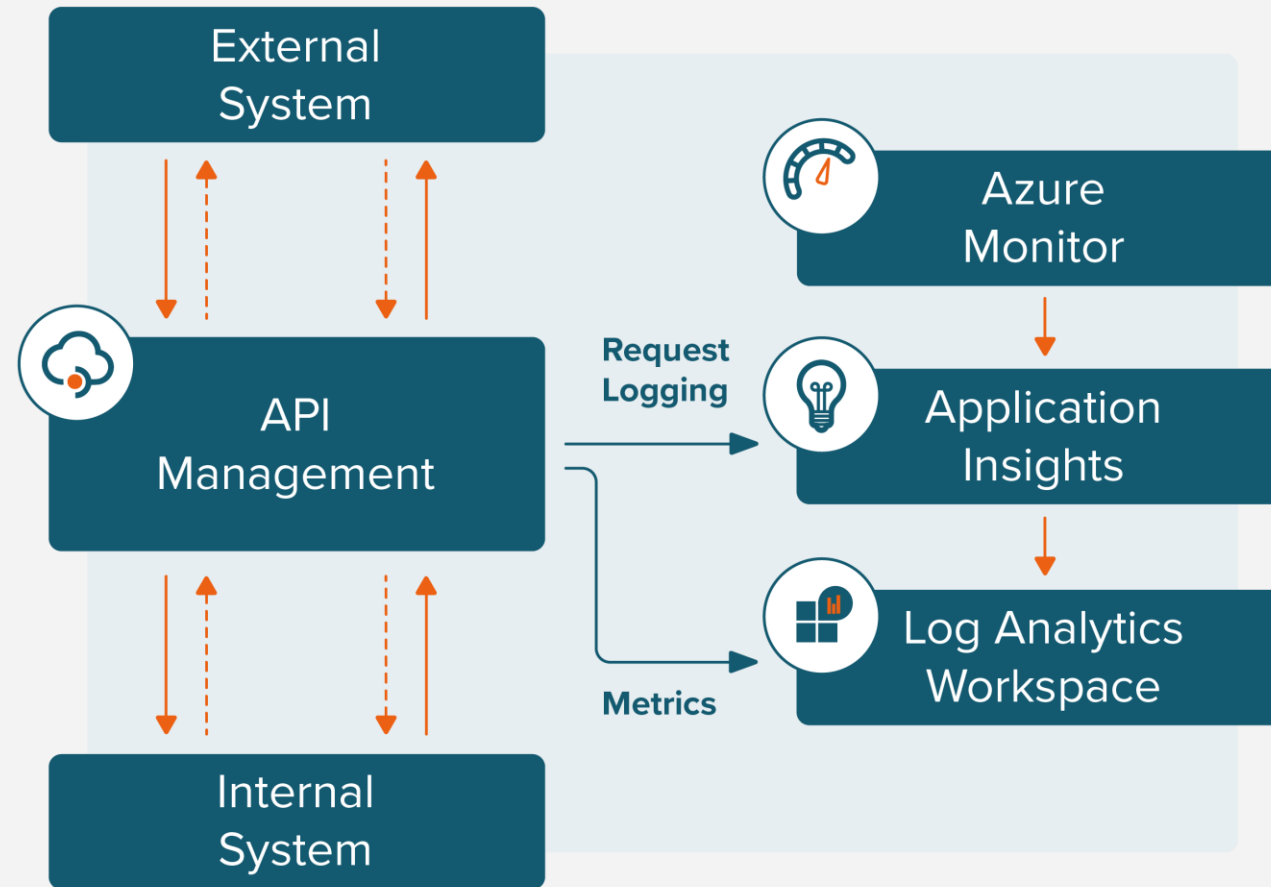


API Management – Demo



- Show API Management in Azure Portal
- Show two APIs: SOAP Proxy and REST API
- Show API Policies
- Show Developer Portal
- Show APIs in Developer Portal

API Management – Monitoring / App Insights

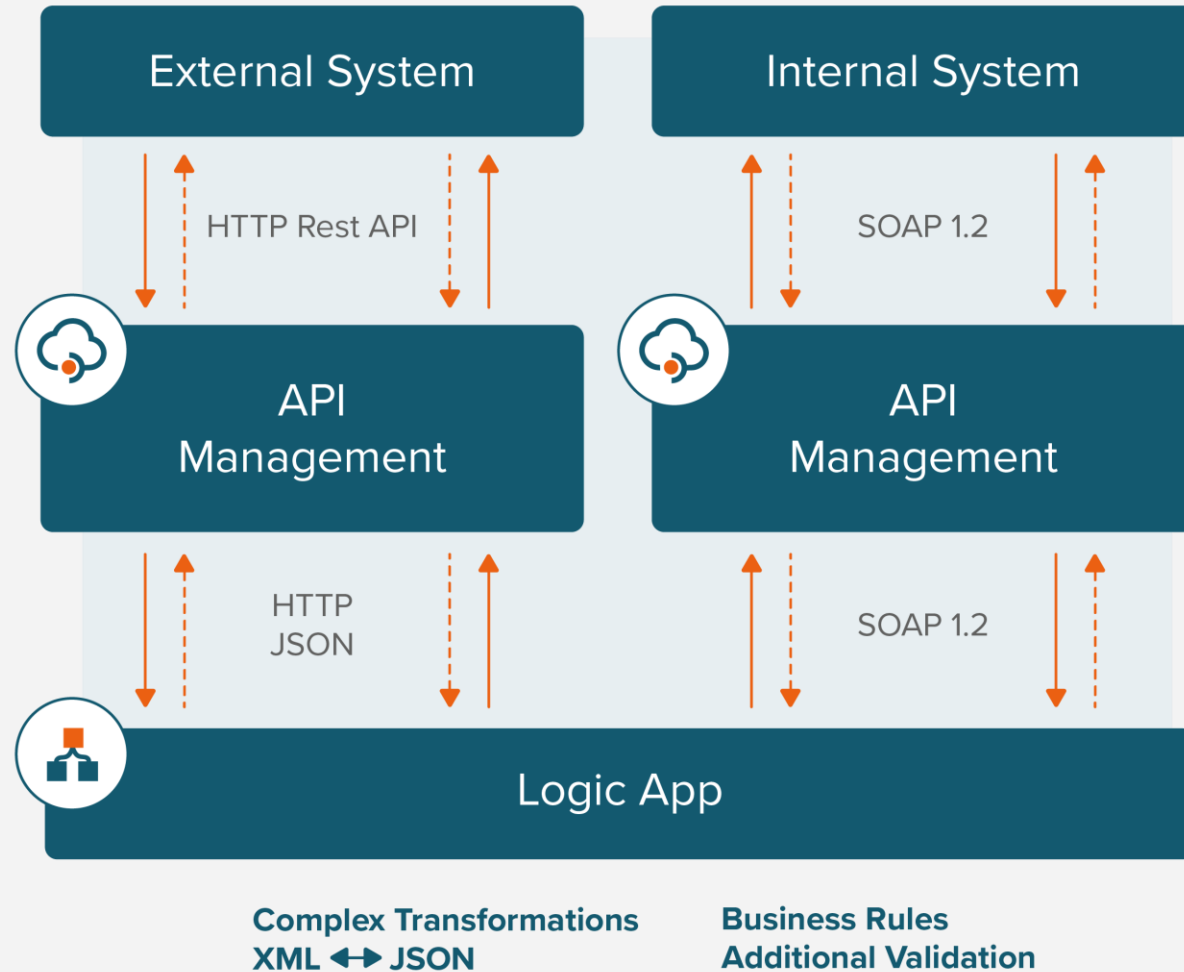


API Management – Monitoring Demo

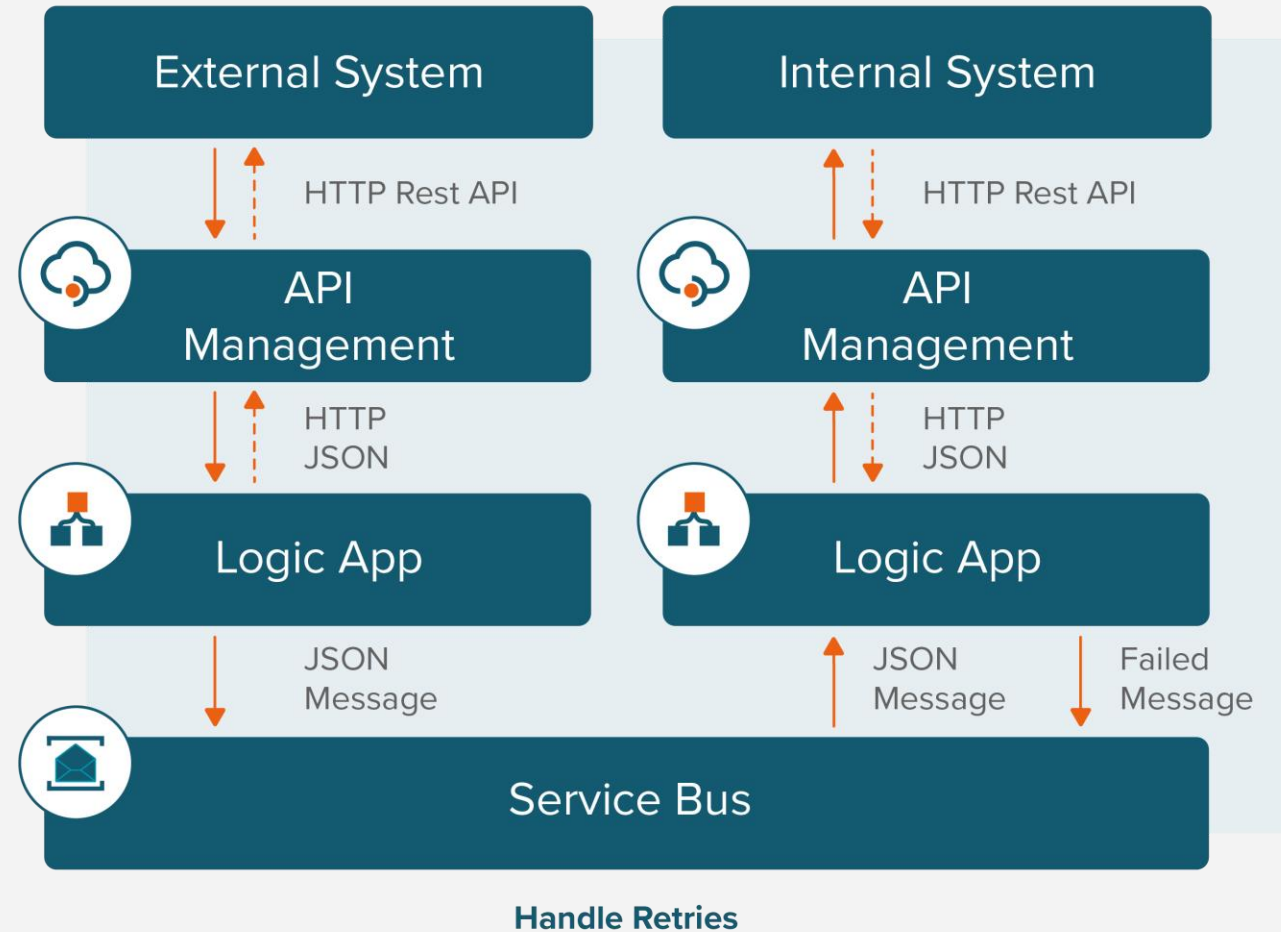


- Show Application Insights in Azure Portal
- Show End-To-End Transaction Details
- Show Failures
- Show Performance

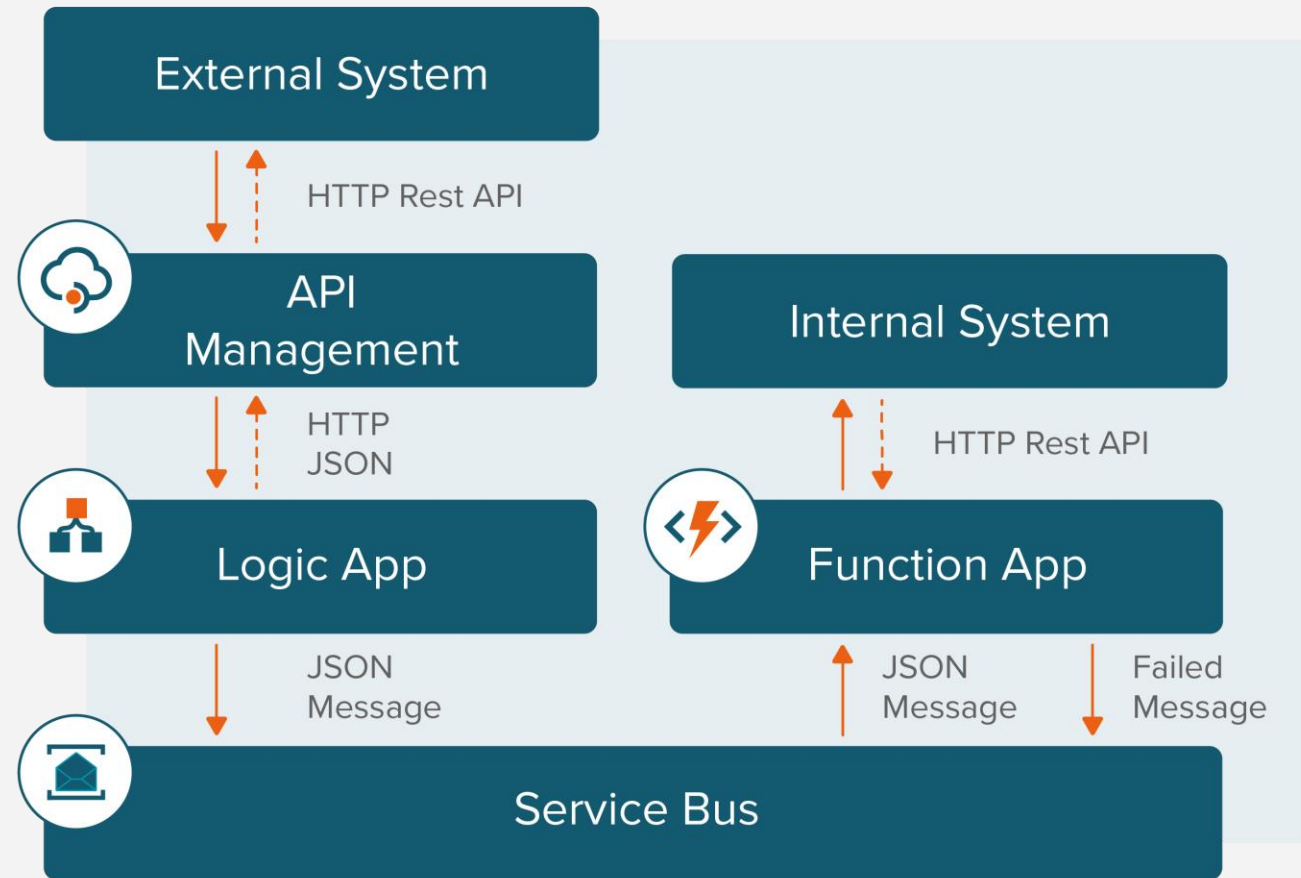
Extend with Azure Logic Apps



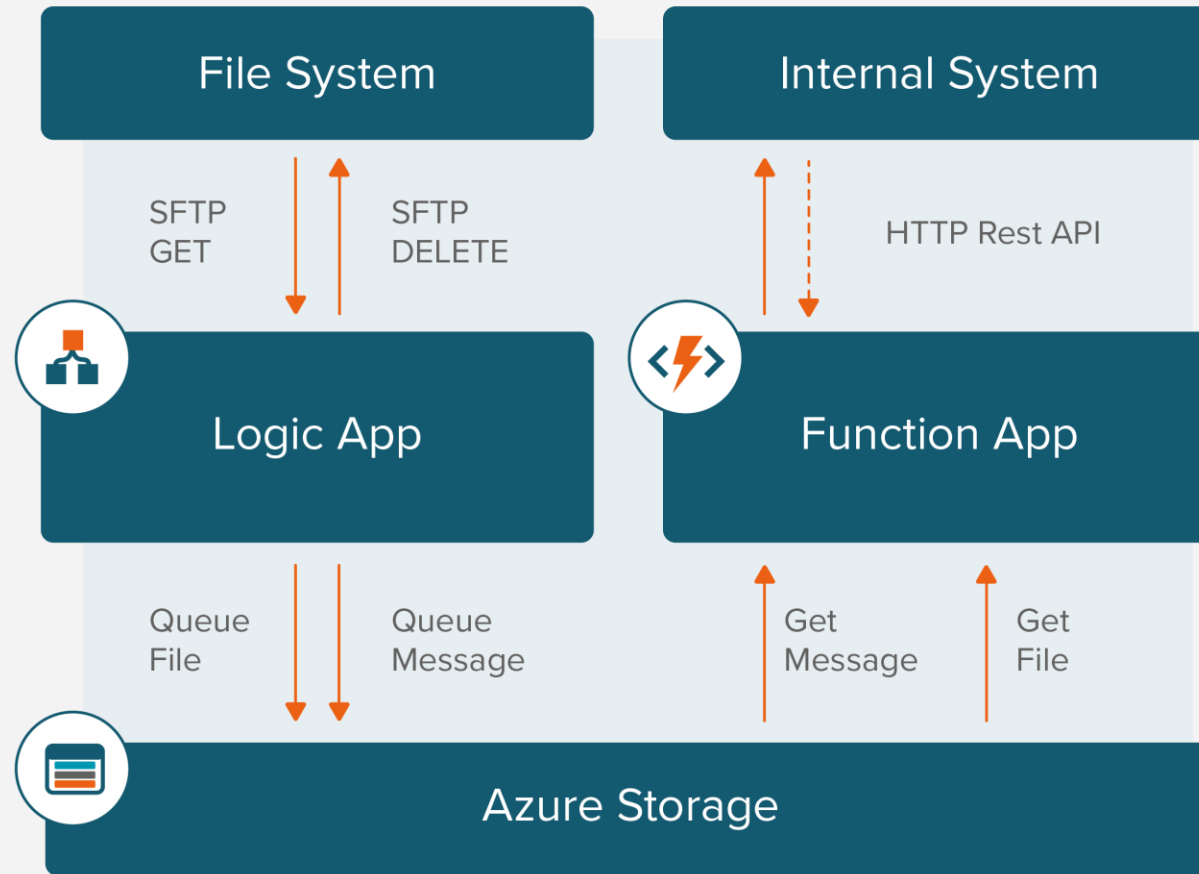
Extend with Azure Storage Queues or Service Bus



Extend with Azure Functions



Extend with SFTP or Files

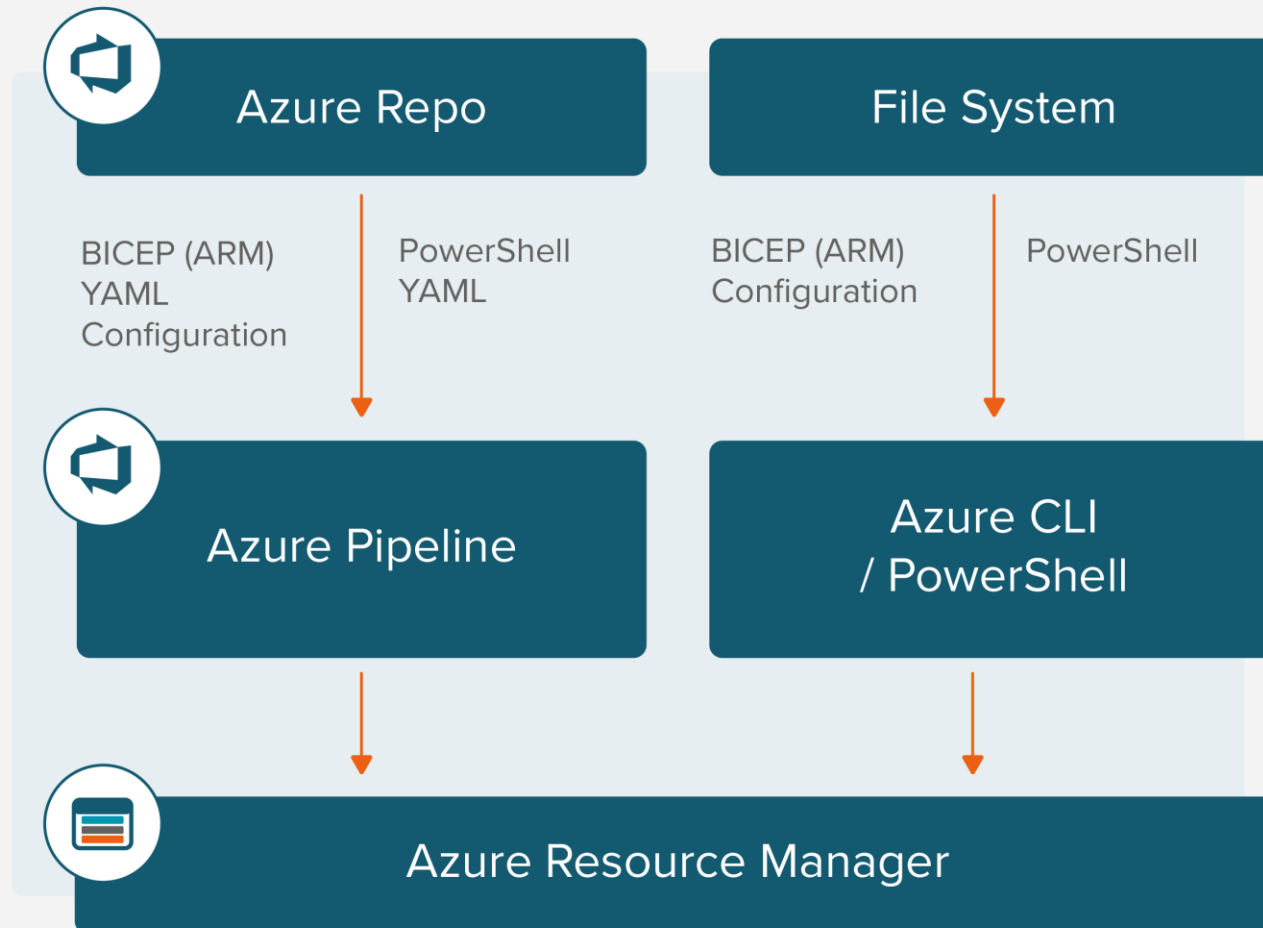


Logic App Demo



- Show two Logic App in Azure Portal
- Show Workflow
- Show Artifacts
- Show Connectors

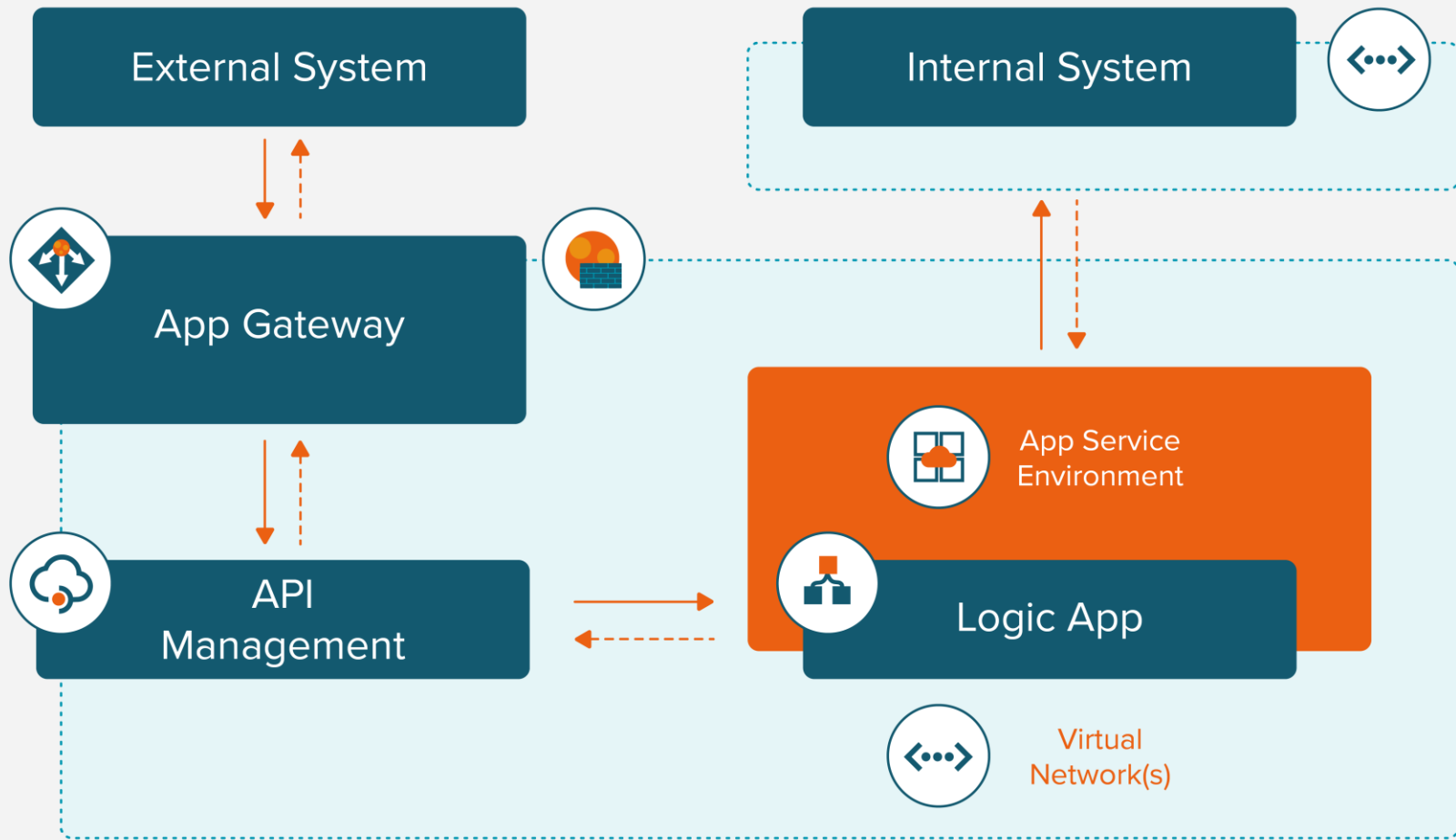
Deployment



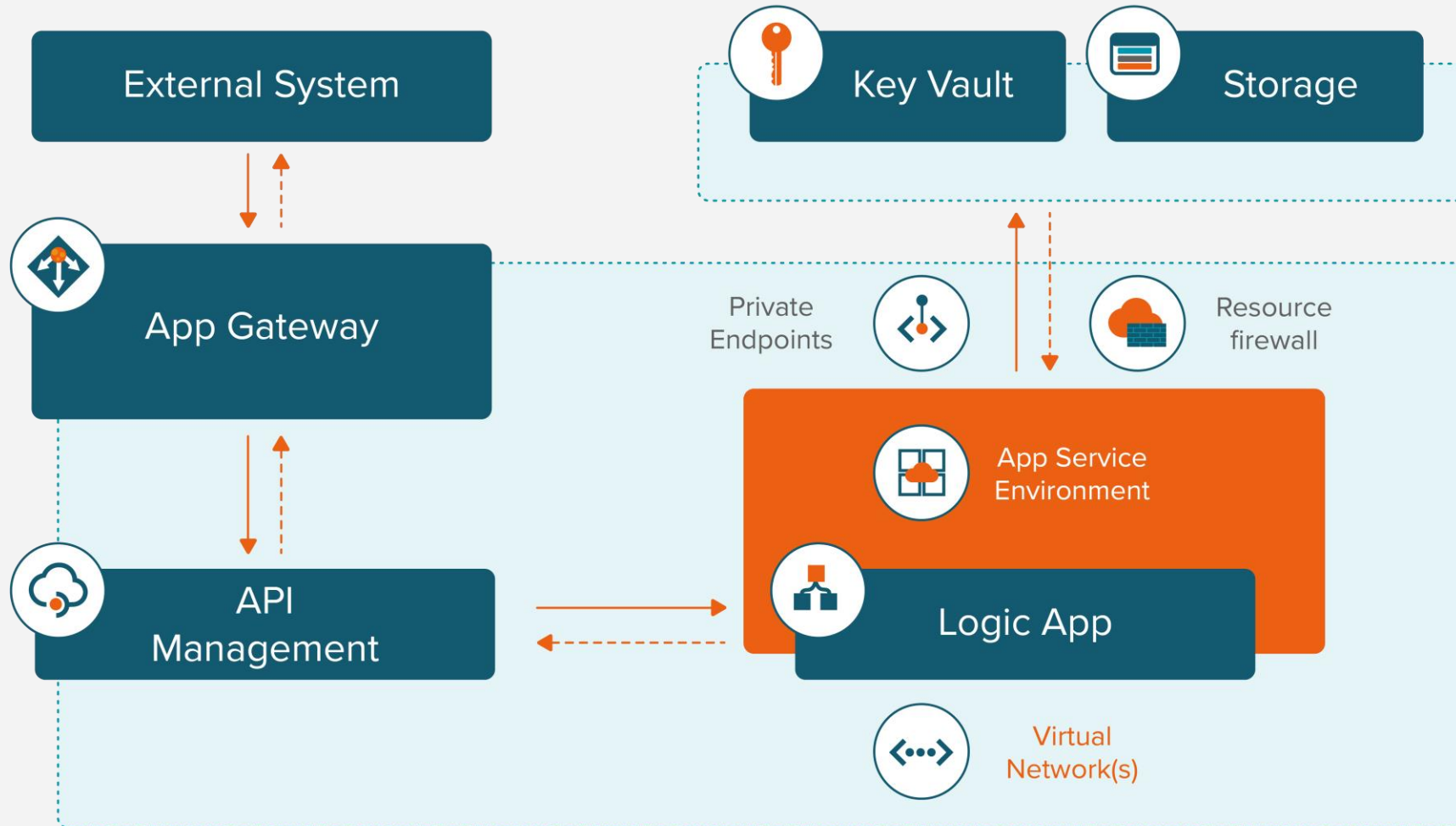


- Show Infrastructure as Code in Visual Studio Code
- Show deployment via AZ CLI
- Show Infrastructure as Code in Azure DevOps
- Show deployment via Azure Pipelines

Make it secure



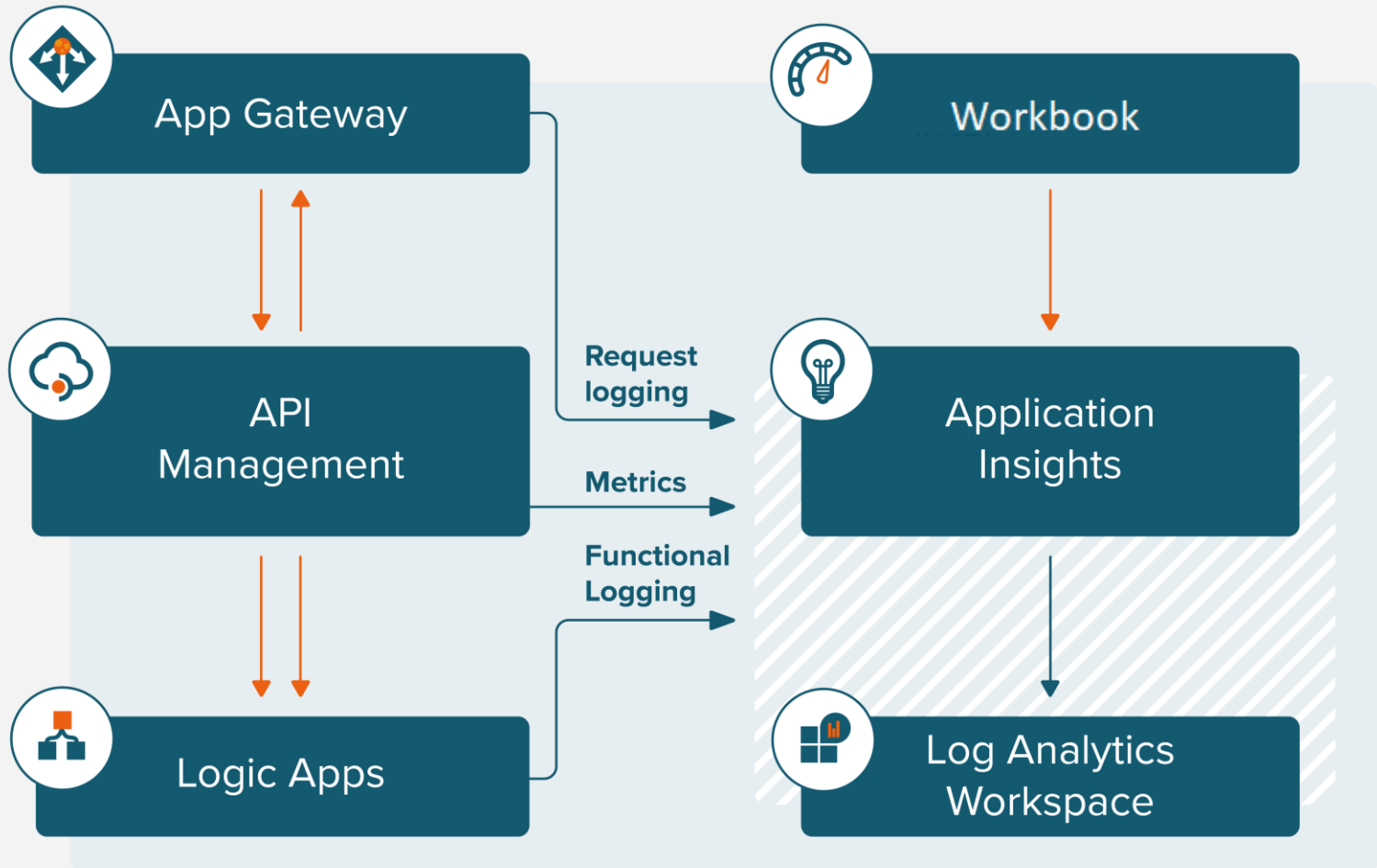
Make it secure (2)





- Show VNET in Azure Portal
- Show Subnets for different parts
- Show App Service Environment
- Show Storage Account security

Create Workbooks



Workbooks Demo



- ↩ Show Logging in API management
- ↩ Show Workbook
- ↩ Show request logging
- ↩ Show metrics

Questions & Answers

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Final info

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- ↪ Slides en opname worden gedeeld via de mail
- ↪ Feedback? Help ons verbeteren!
- ↪ Next topic? Waar zou jij over willen leren
- ↪ Volg ons op [LinkedIn](#)

The end

