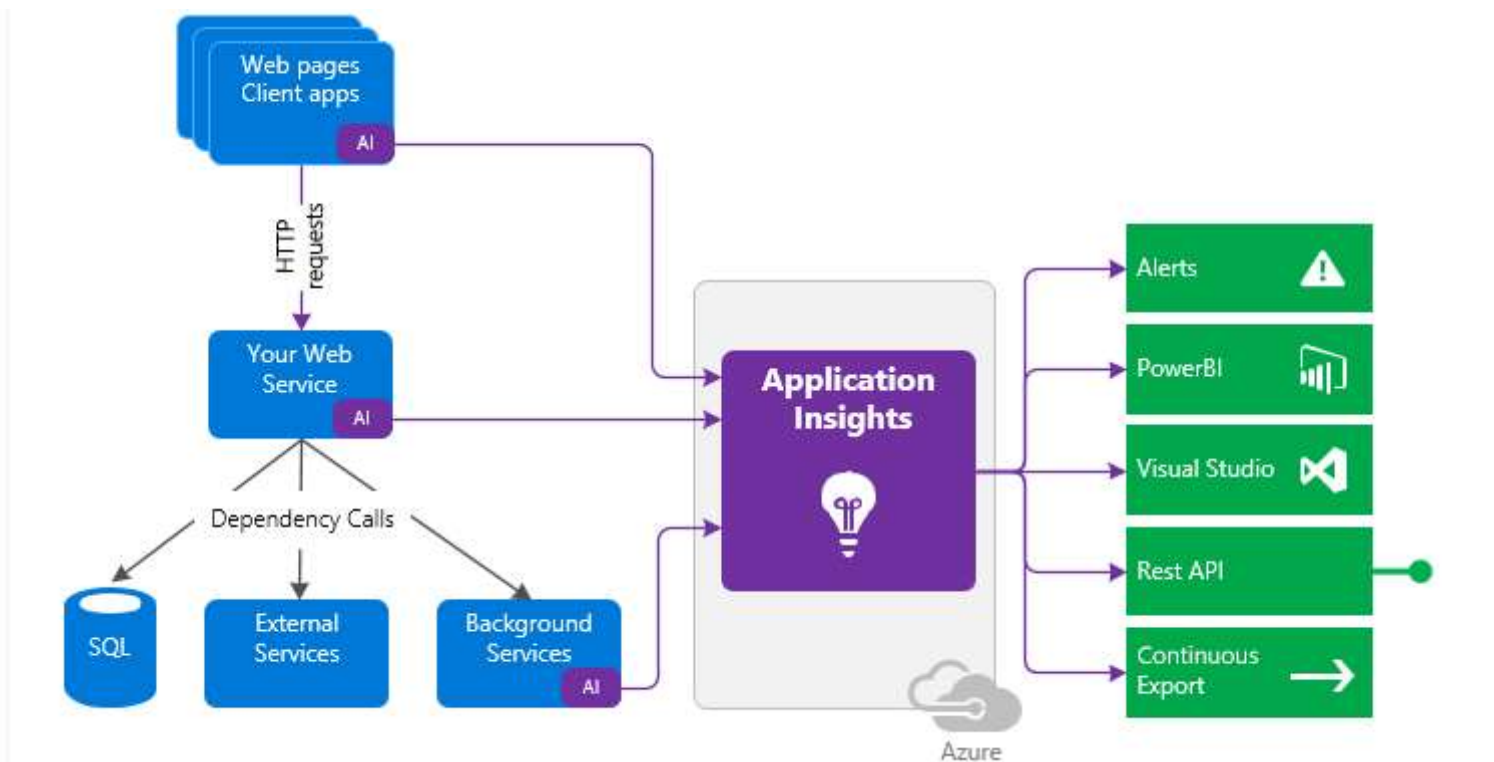


Application Insights

Application Insights



What is Application Insights?

Use it to monitor live applications

It will automatically detect performance anomalies

Includes powerful analytics tools to

- Help diagnose issues and
- Understand what users actually do with app

Designed to help continuously improve performance and usability

How is works?

Install SDK in application or

Enable Application Insights when supported

It monitors app and directs the telemetry data to an Azure Application Insights Resource

Can instrument not only the web service application, but also any background components, and the JavaScript

The application and its components can run anywhere - it doesn't have to be hosted in Azure

Application Insights Resource

The screenshot shows the Azure portal interface for an Application Insights resource named 'functionappdemo'. The left sidebar contains navigation links: Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Investigate, Application map, and Smart Detection. The top navigation bar includes links for Application Dashboard, Getting started, Search, Logs, Monitor resource group, Feedback, Favorites, Rename, and a close button. The main content area is titled 'Essentials' and lists resource details: Resource group (TCS_LogicApps), Location (Central US), Subscription (Azure Pass - Sponsorship), Subscription ID (a38ab179-7bd2-4711-bffa-de58b612b58e), and Tags (Click here to add tags). A red box highlights the 'Instrumentation Key' (1d4ffa6c-5c10-4a53-91e5-a3e108447c6d) and the 'Connection String' (InstrumentationKey=1d4ffa6c-5c10-4a53-91e5-a3e108447c6d;Ingestio...).

functionappdemo

Show portal menu

Application Insights

Search (Ctrl+ /)

Application Dashboard Getting started Search Logs Monitor resource group Feedback Favorites Rename ...

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Investigate

Application map

Smart Detection

Essentials

Resource group (change)
TCS_LogicApps

Location
Central US

Subscription (change)
Azure Pass - Sponsorship

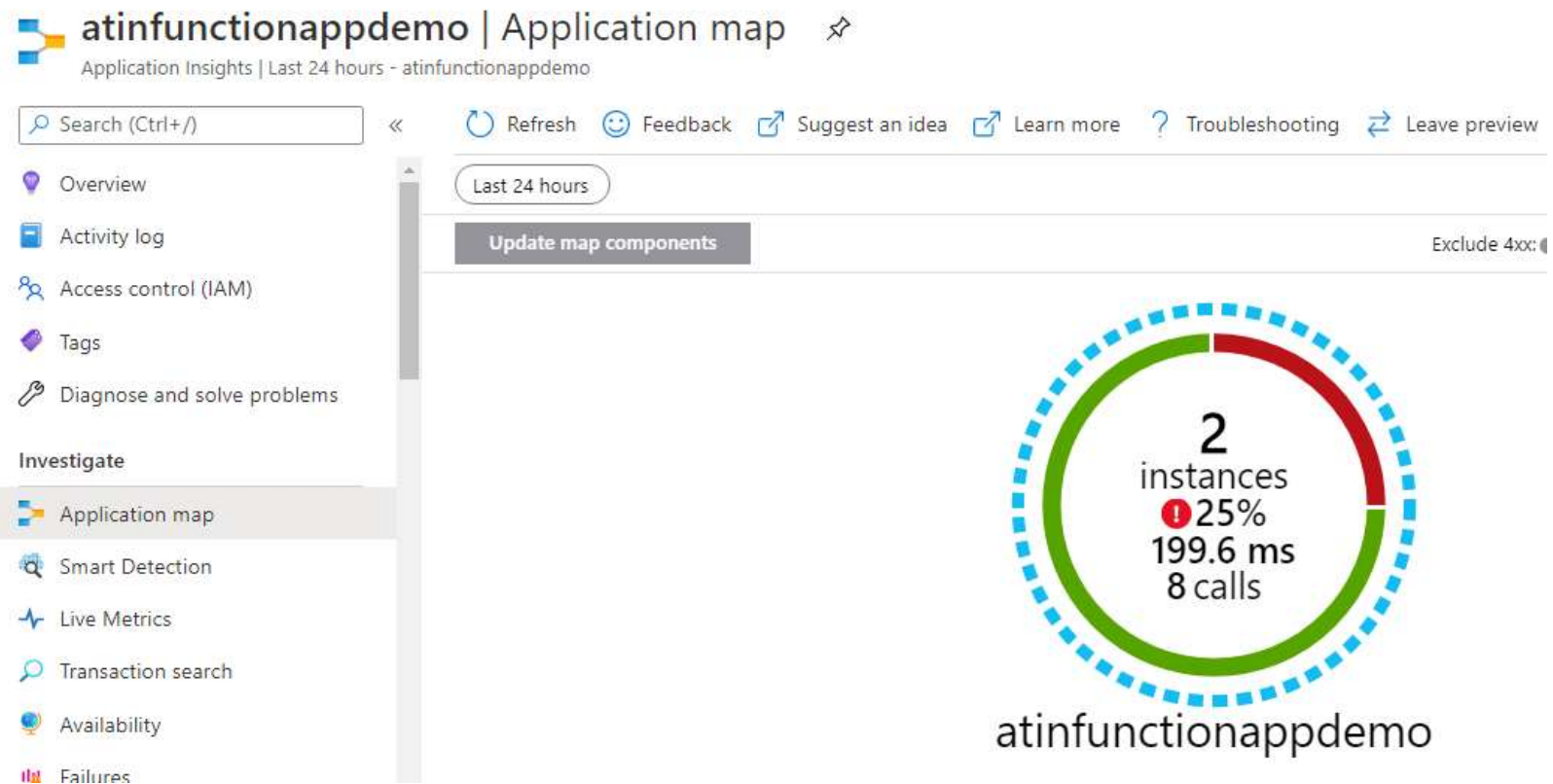
Subscription ID
a38ab179-7bd2-4711-bffa-de58b612b58e

Tags (change)
Click here to add tags

Instrumentation Key
1d4ffa6c-5c10-4a53-91e5-a3e108447c6d

Connection String
InstrumentationKey=1d4ffa6c-5c10-4a53-91e5-a3e108447c6d;Ingestio...

Application Insights: Application Map



Connect Function App with App Insights

Home > Function App > atinfunctionappdemo

atinfunctionappdemo | Application Insights

Function App

Search (Ctrl+ /) <<

Proxies

Deployment

- Deployment slots
- Deployment Center

Settings

- Configuration
- Authentication / Authorization
- Application Insights**
- Identity
- Backups
- Custom domains

Application Insights

Application Insights helps you detect and diagnose quality issues in your web apps and web services, and helps you understand what your users do with it. [Learn more](#)

This App Service is associated with the Application Insights resource: **atinfunctionappdemo** ([change](#))

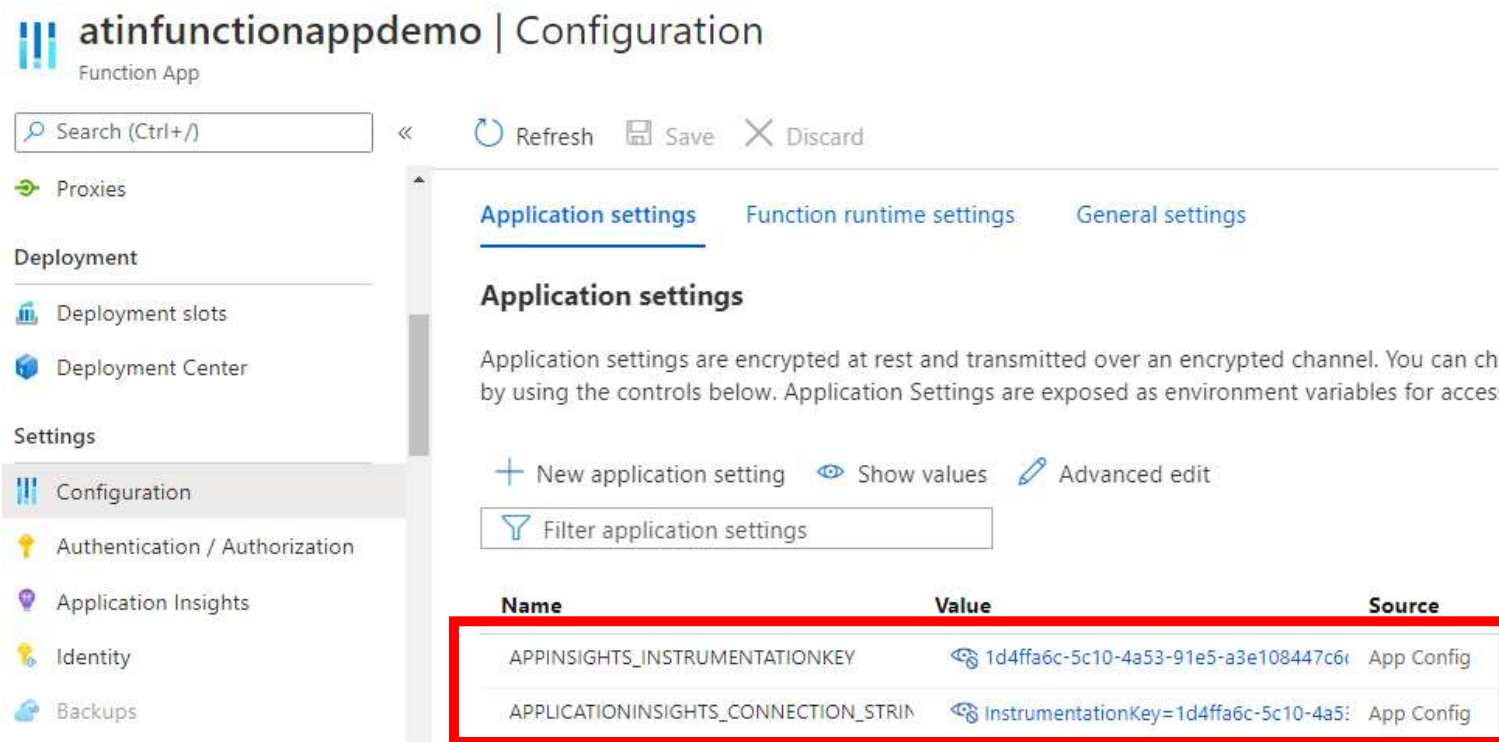
Slowest Requests (past 24 hours)

Request Name	Duration (95th)
HttpTrigger1	702 ms
DurableFunctionsHttpStart1	489 ms

Live Stream

5
4

Connect Function App with App Insights



The screenshot shows the Azure portal interface for a Function App named 'atinfuctionappdemo'. The left sidebar contains navigation links for Proxies, Deployment, and Settings. The 'Settings' section is expanded, and 'Configuration' is selected. The main content area displays the 'Application settings' tab, which includes a search bar, a filter, and a table of application settings. Two settings are listed, both sourced from 'App Config'.

atinfuctionappdemo | Configuration
Function App

Search (Ctrl+/) << Refresh Save Discard

Proxies

Deployment

- Deployment slots
- Deployment Center

Settings

- Configuration**
- Authentication / Authorization
- Application Insights
- Identity
- Backups

Application settings

Application settings are encrypted at rest and transmitted over an encrypted channel. You can check the status of your application settings by using the controls below. Application Settings are exposed as environment variables for access.

+ New application setting Show values Advanced edit

Filter application settings

Name	Value	Source
APPINSIGHTS_INSTRUMENTATIONKEY	1d4ffa6c-5c10-4a53-91e5-a3e108447c61	App Config
APPLICATIONINSIGHTS_CONNECTION_STRING	InstrumentationKey=1d4ffa6c-5c10-4a53-91e5-a3e108447c61	App Config

Reference

- <https://docs.microsoft.com/en-us/azure/azure-monitor/app/app-insights-overview>

Thanks