

# Monitoring with Application Insights

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# Overview



How will we know if something goes wrong?

## Azure Portal

- Dashboards
- Alerts

## Application Insights

- Monitor performance
- Detect trends
- Perform queries

## “Who’s Playing” demo app

- Configure Application Insights



# The Serverless Vendor Lock-in Problem



## **Azure for everything?**

- Amazon S3, Auth0, AWS Lambda etc

## **One way to deploy everything?**

- ARM templates

## **One place to monitor everything?**

- Azure portal

# Demo



## Azure Portal

- Create dashboards & alerts



# Azure Application Insights



## Gathers information about your services

- Visualizations
- Querying
- Trigger alerts
- Detect trends



<u>Server requests</u>	2 weeks ago	1 week ago	% change
Total requests	937	601	↓ 36 %
Failed requests	114	60	↓ 47 %
Average response time	526.34 ms	591.5 ms	↑ 12 %

#### Dependencies

Failed dependencies	58	31	↓ 47 %
Average dependency time	11.55 ms	8.58 ms	↓ 26 %

#### Client Side

Total views	0	0	— no change
Average page load time	0 ms	0 ms	— no change

#### Exceptions

Total exceptions	89	34	↓ 62 %
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#### Availability



# Demo



## Configure Application Insights

- Azure Function App
- Client-side JavaScript



# Summary



## Monitoring serverless applications

### Azure Portal

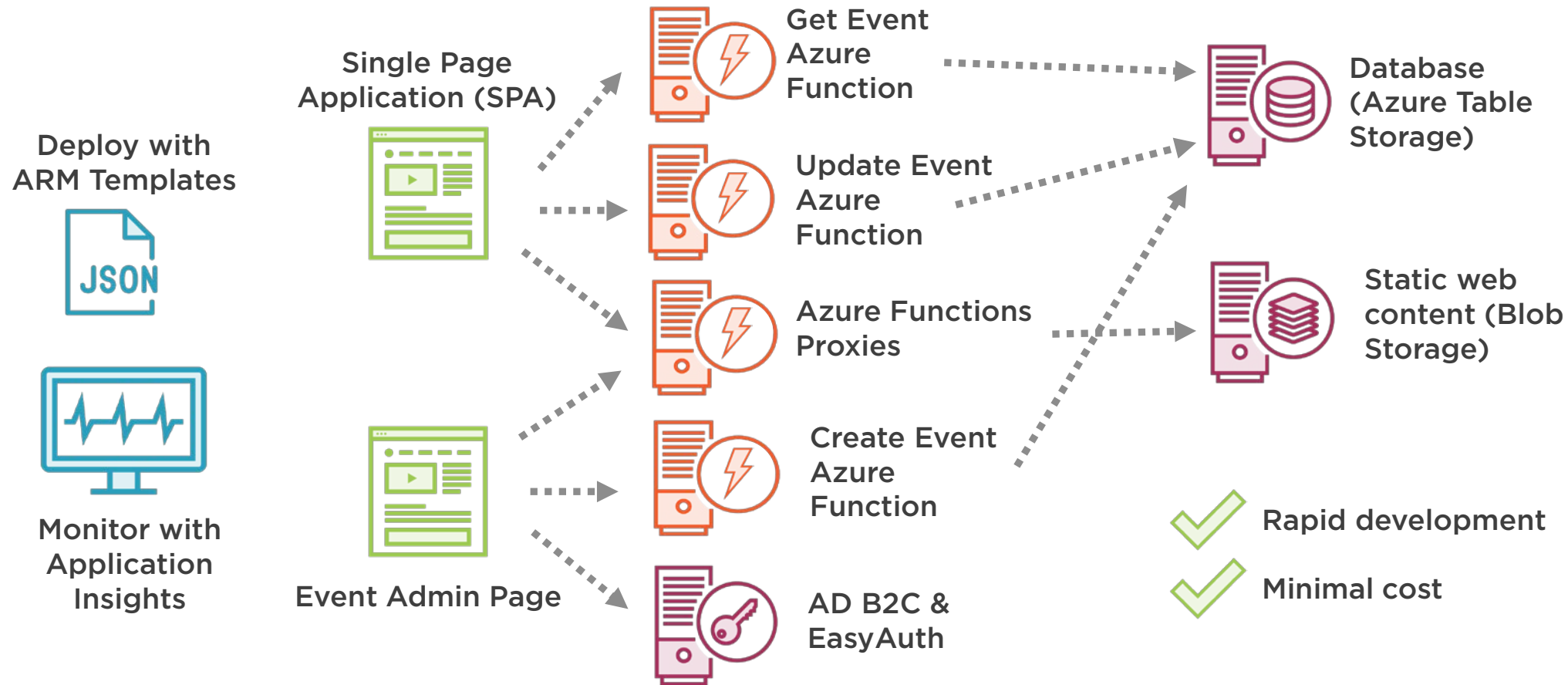
- Custom dashboards
- Custom alerts

### Application Insights

- Easy to enable
- Highly configurable



# Who's Playing Demo App



# Keep in Touch



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