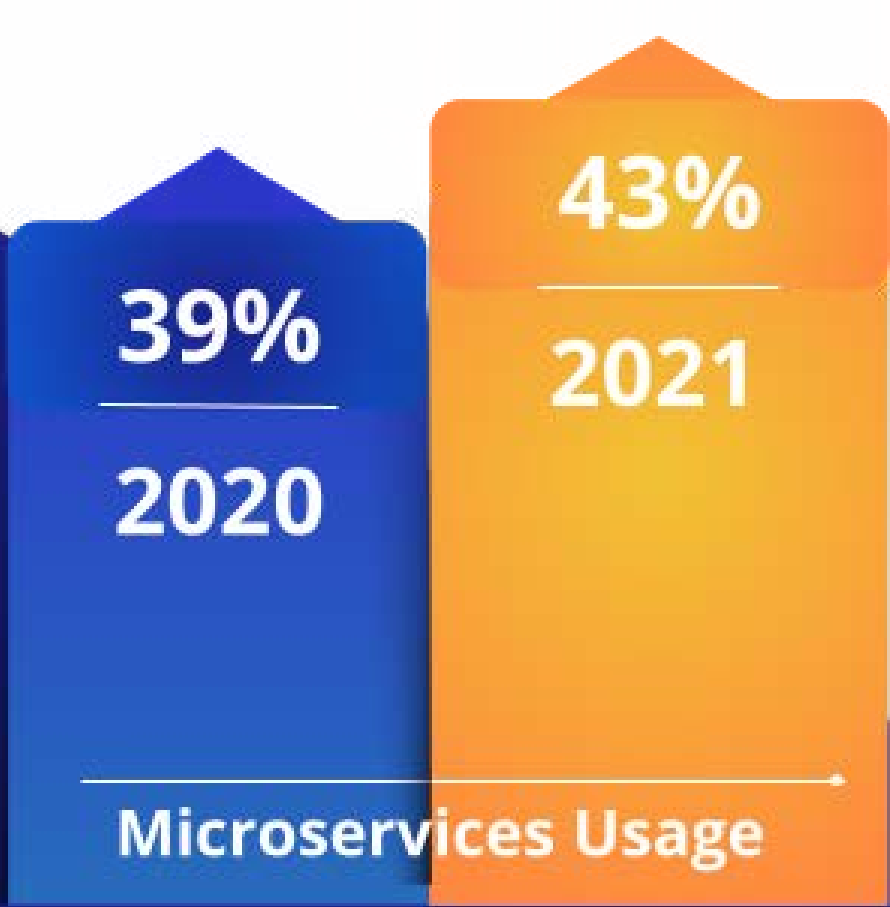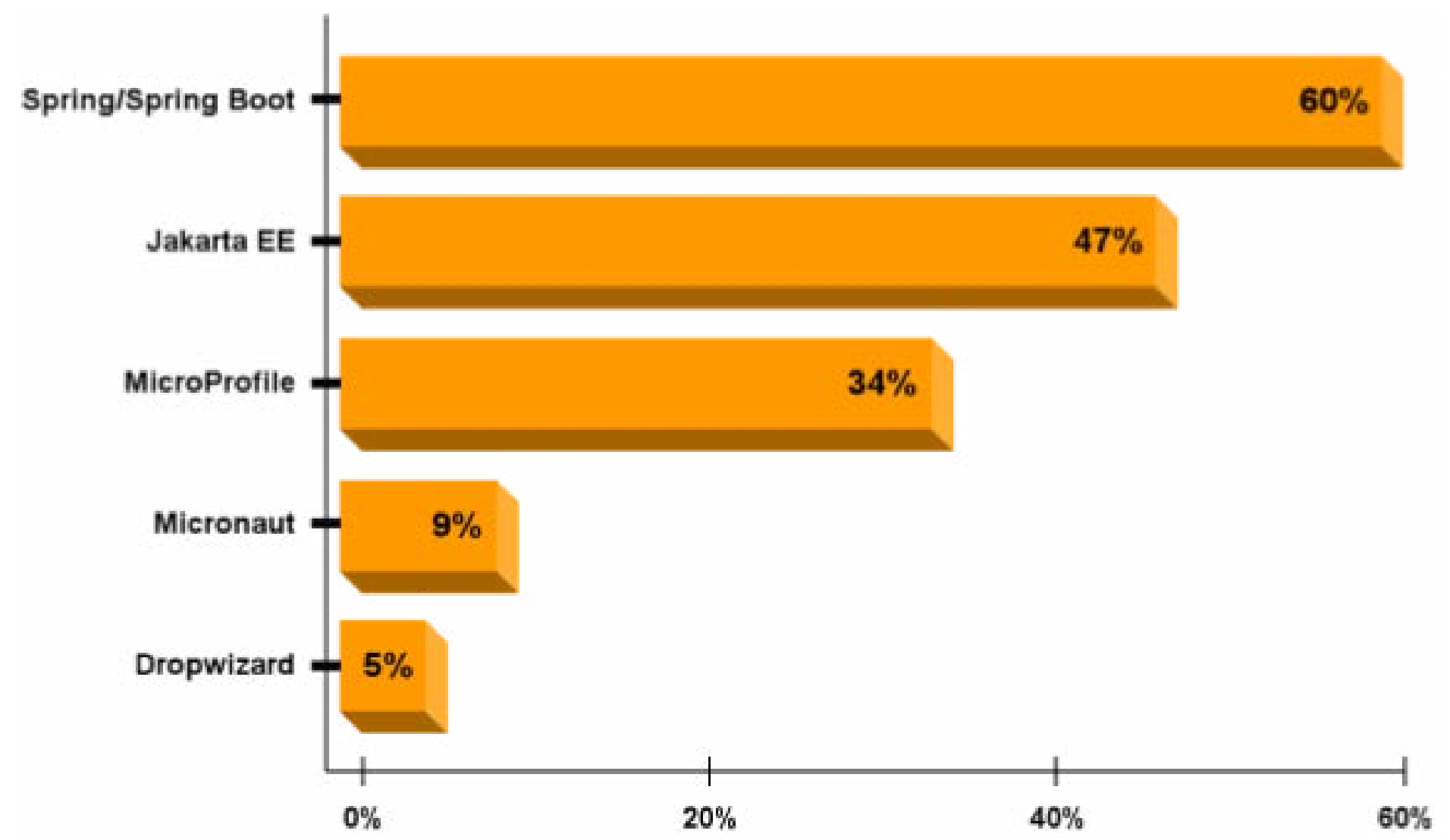# JAKARTA® EE

Developer Survey Findings From 2021

With the delivery of Jakarta EE 9 in December 2020, Jakarta EE continues to fulfill its promise of accelerating business application development for the cloud, emerging as the second most used cloud native framework at 47% in this year's survey.
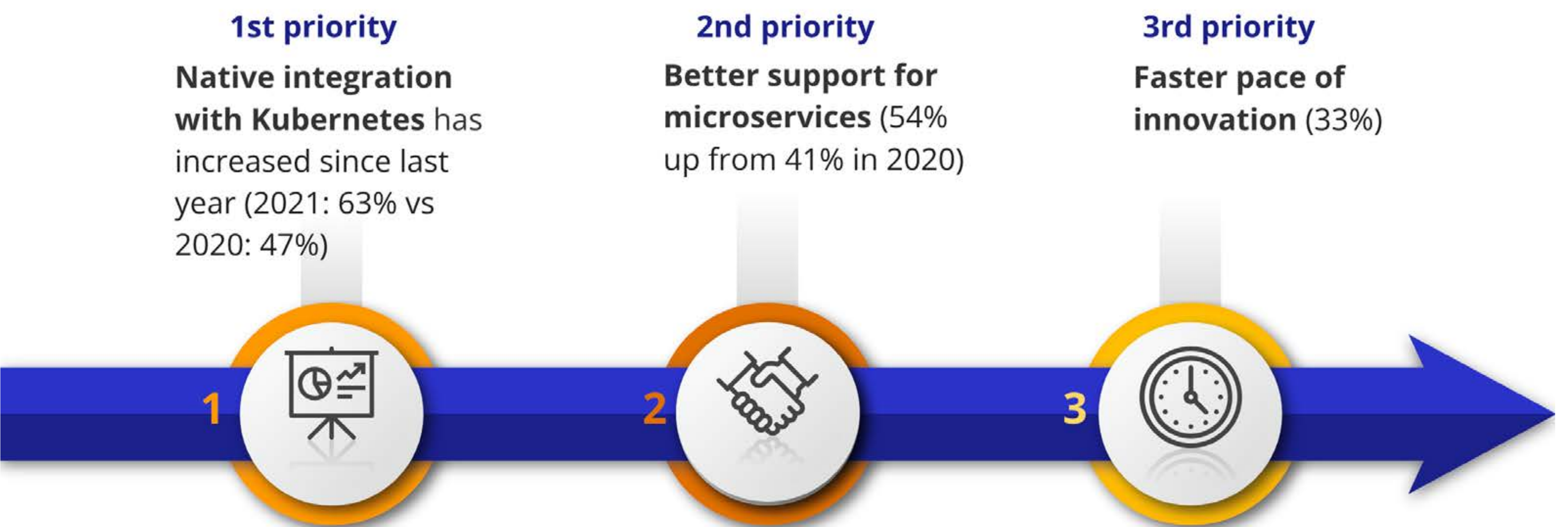
47% 2021
35% 2020
Jakarta EE

Which Java frameworks are you using for cloud native applications?

Framework	Percentage
Spring/Spring Boot	60%
Jakarta EE	47%
MicroProfile	34%
Micronaut	9%
Dropwizard	5%

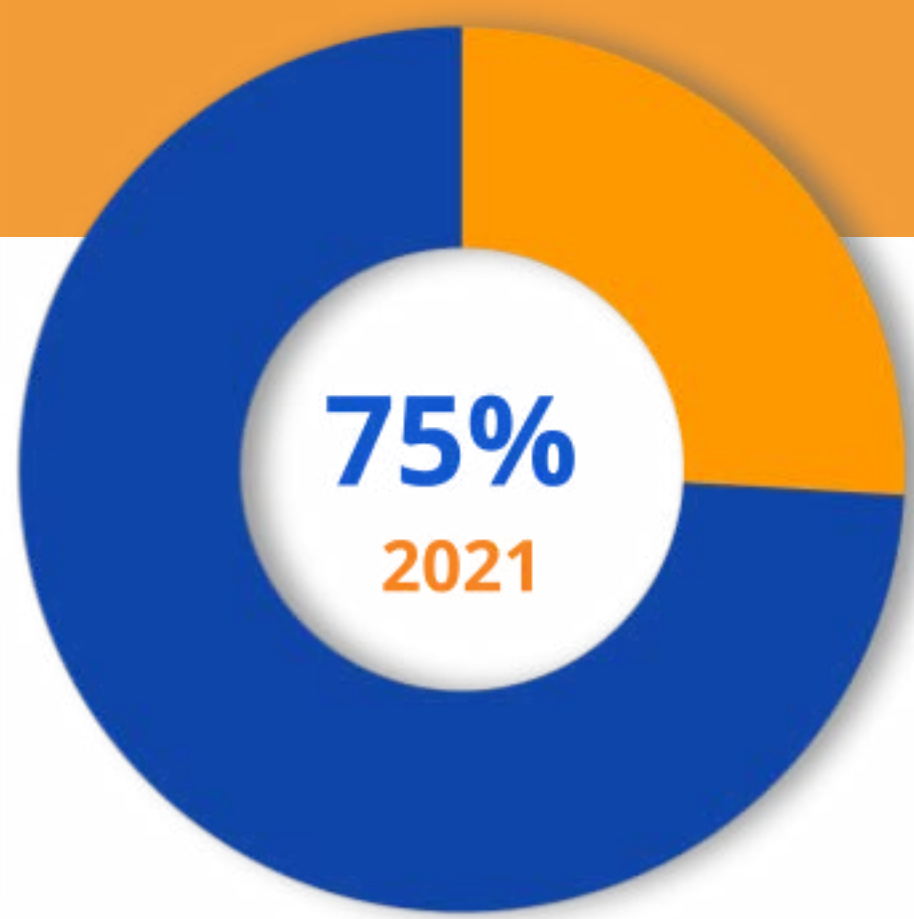**43% 2021**
39% 2020
Microservices Usage

The popularity of microservices holds steady with a nominal increase, with the usage of the microservices architecture for implementing Java systems in the cloud increasing since last year.
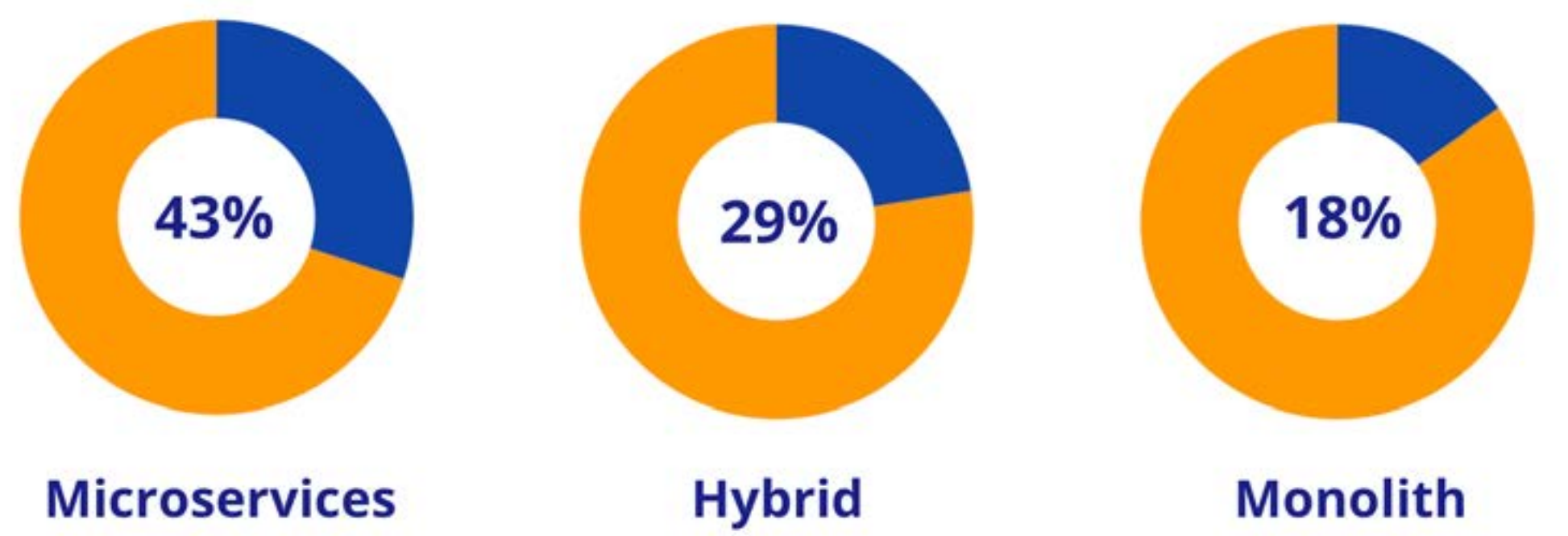
Top three Jakarta EE community priorities:

1st priority
Native integration with Kubernetes has increased since last year (2021: 63% vs 2020: 47%)

2nd priority
Better support for microservices (54% up from 41% in 2020)

3rd priority
Faster pace of innovation (33%)

1   2   3

Java EE 8, Jakarta EE 8 & Jakarta EE 9 hits the mainstream with 75% adoption.
Despite only shipping in December 2020, Jakarta EE 9 usage has grown to 9%. Driven by the contributions of a diverse global community of dedicated developers and vendors, building on the success of Jakarta EE 8, followed by Jakarta EE 9, we have seen continued growth.
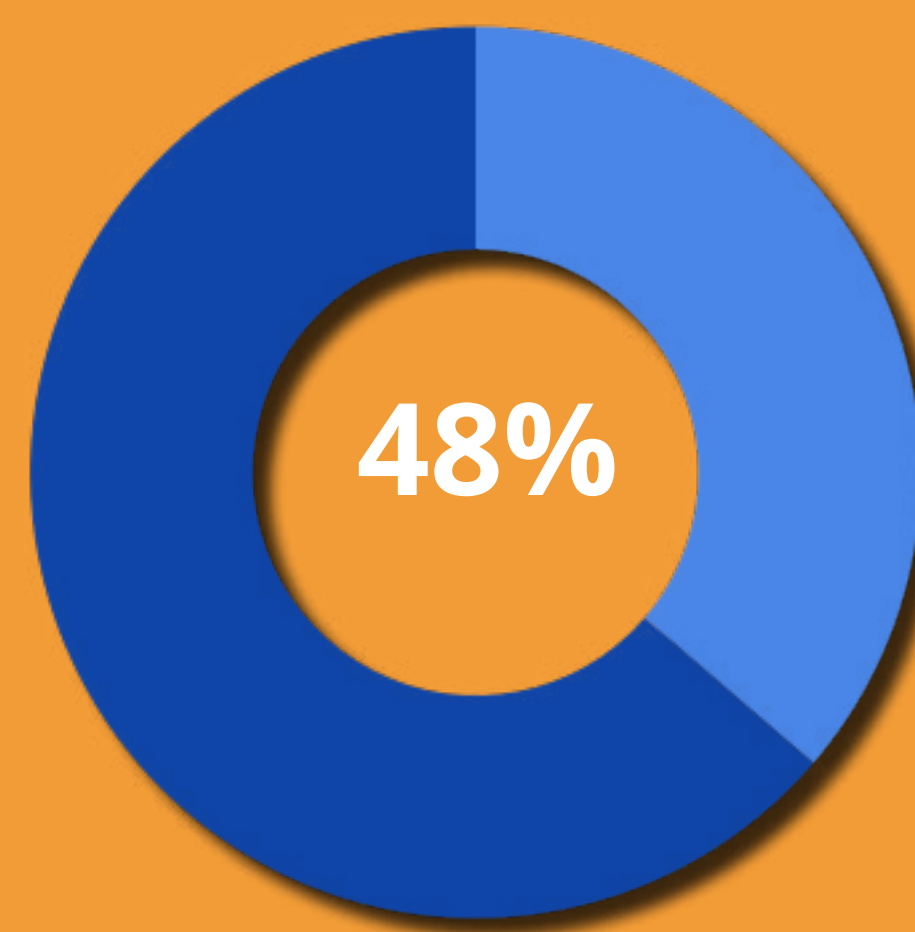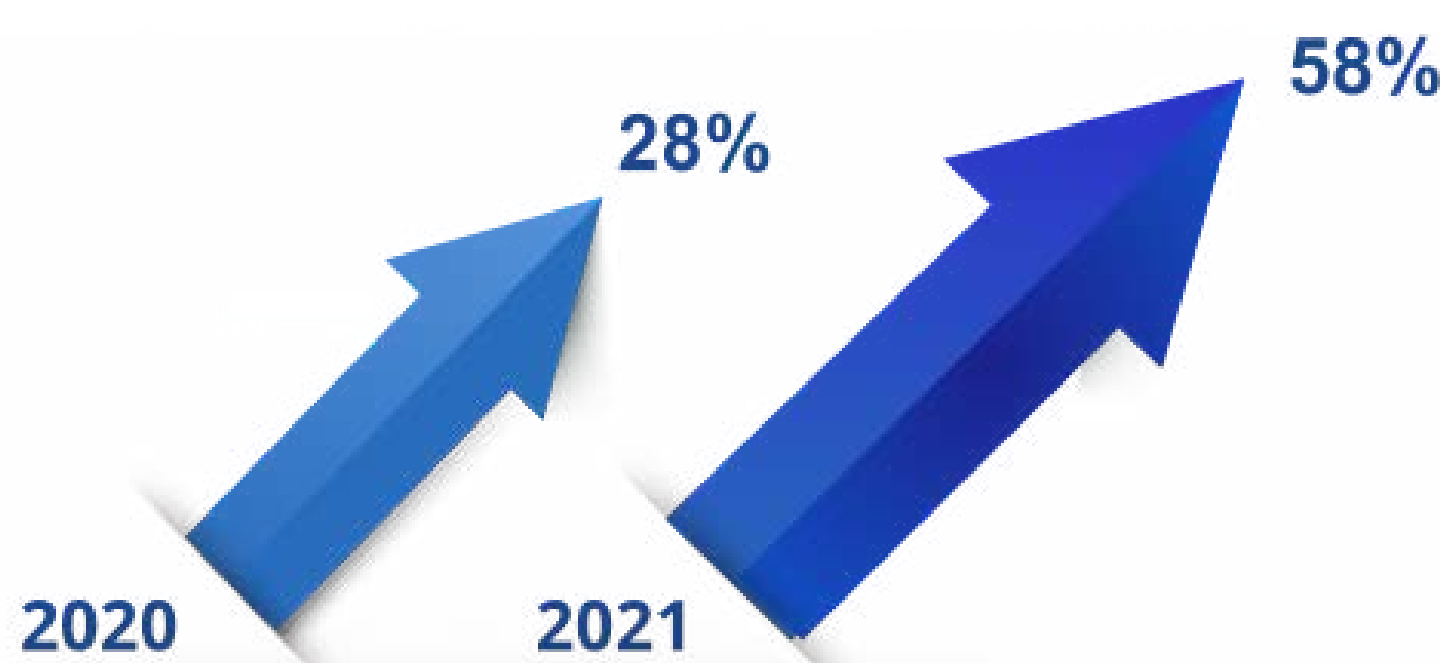
75% 2021

Top three architectural approaches for implementing Java systems in cloud:

43% Microservices   **29%** Hybrid   **18%** Monolith

Use of the hybrid architecture approach for implementing Java systems in the cloud has increased since last year with 29% adoption reported in 2021 (up from 23% in 2020) and has outpaced monolith, which was ahead of hybrid last year.

Java 11 use has surged to 58% (28% in 2020). Sitting at 11% usage, enterprises stick to LTS releases with the next being Java 17.

28% 2020   58% 2021

48%
Over 48% of respondents have either already migrated to Jakarta EE or plan to within the next 6-24 months.

Help Shape The Cloud Native Future Of Jakarta EE

The stakeholders of the Jakarta EE community are committed to a cloud native future for the platform.

Are you interested in becoming a member of the Jakarta EE Working Group?

Subscribe to the Jakarta EE newsletter today

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