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# Bitbucket Cloud migration strategies and similarities with Bitbucket Data Center



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*SENIOR PRODUCT MANAGER, BITBUCKET DATA CENTER*

# Agenda

Bitbucket Cloud enterprise roadmap

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Cloud <> Data Center

Migration strategies

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Bitbucket Cloud enterprise roadmap

**Cloud <> Data Center**

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Migration strategies

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Bitbucket Cloud enterprise roadmap

Cloud <> Data Center

**Migration strategies**

# Enterprise roadmap

Making Bitbucket Cloud integrated, trusted, and loved

# Bitbucket Cloud is



**Integrated**



**Trusted**



**Loved**



**Shared user management**  
**User and group management across Atlassian**



**Project permissions**  
**Configure users and groups in bulk**



**Open DevOps**  
**Best-of-breed solutions**



**Shared user management**  
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**Shared user management**  
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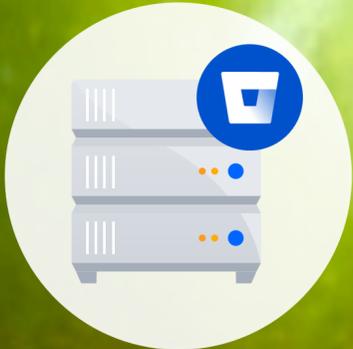


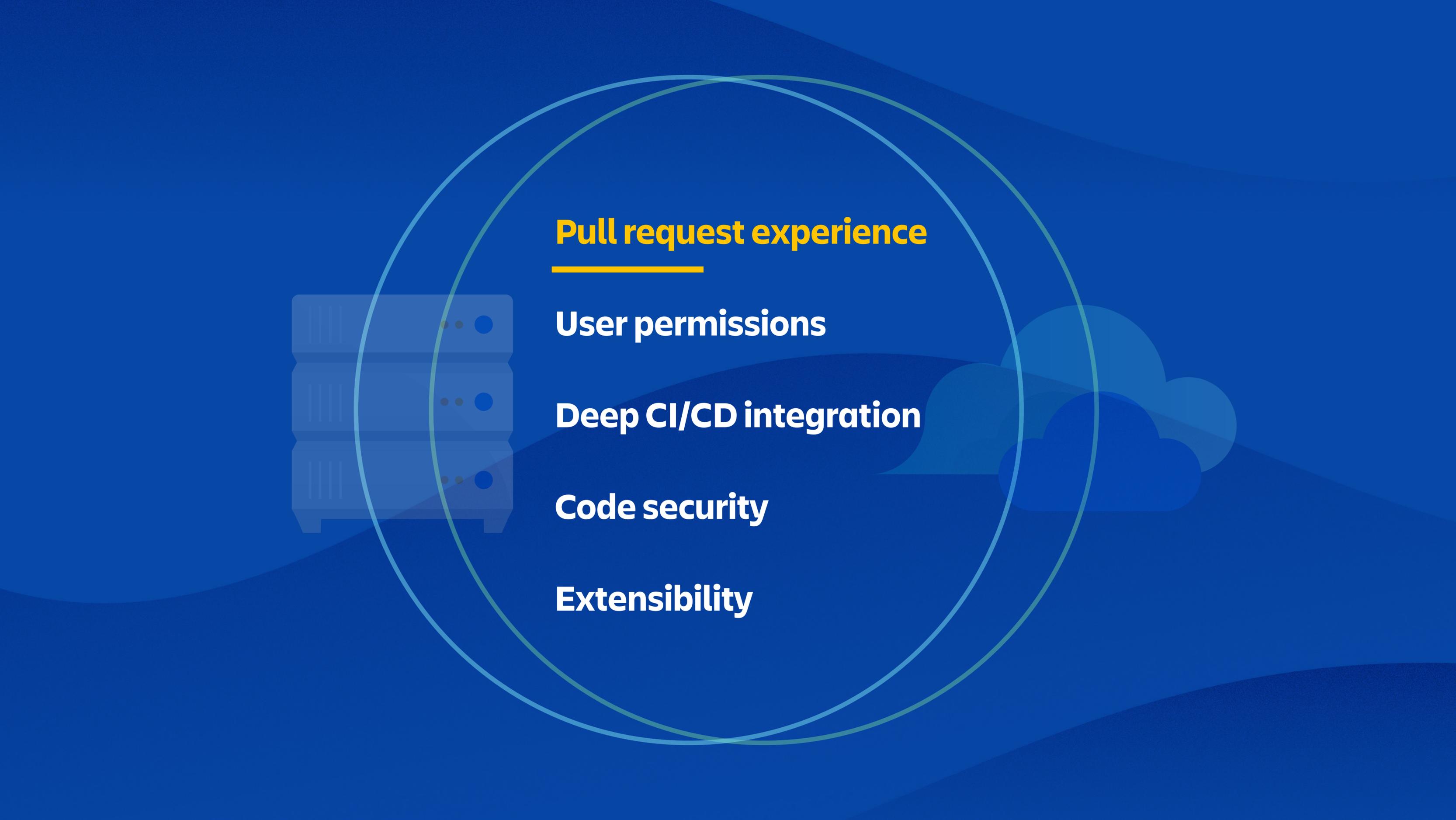
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**Open DevOps**  
**Best-of-breed solutions**

**Bitbucket Cloud <> Bitbucket  
Data Center**





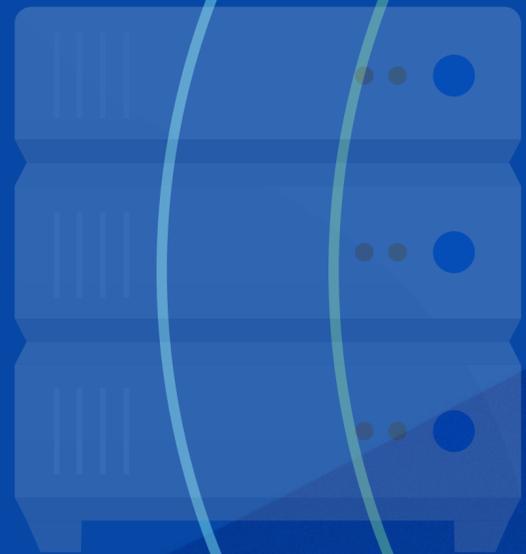
## **Pull request experience**

**User permissions**

**Deep CI/CD integration**

**Code security**

**Extensibility**



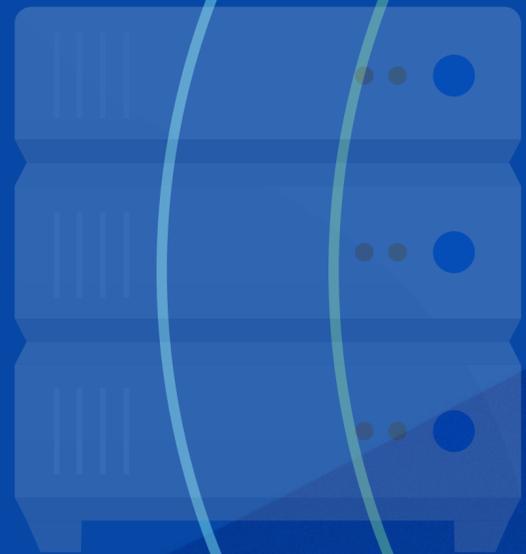
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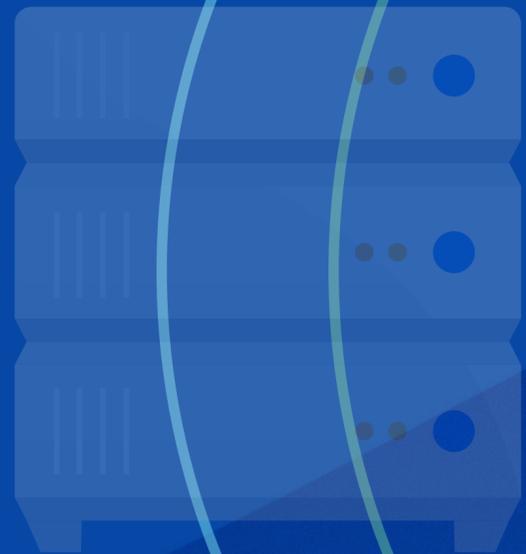
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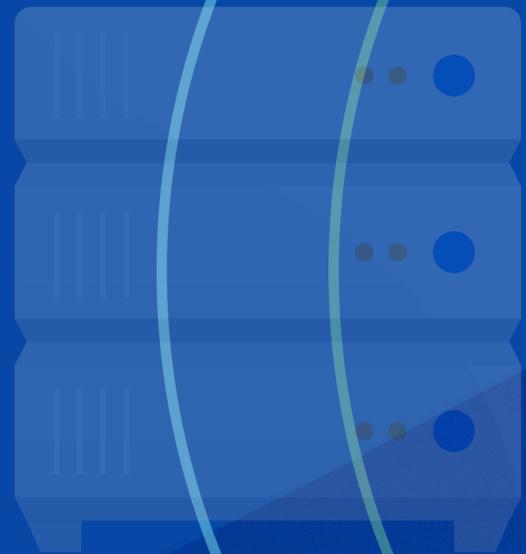
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**Pull request experience**

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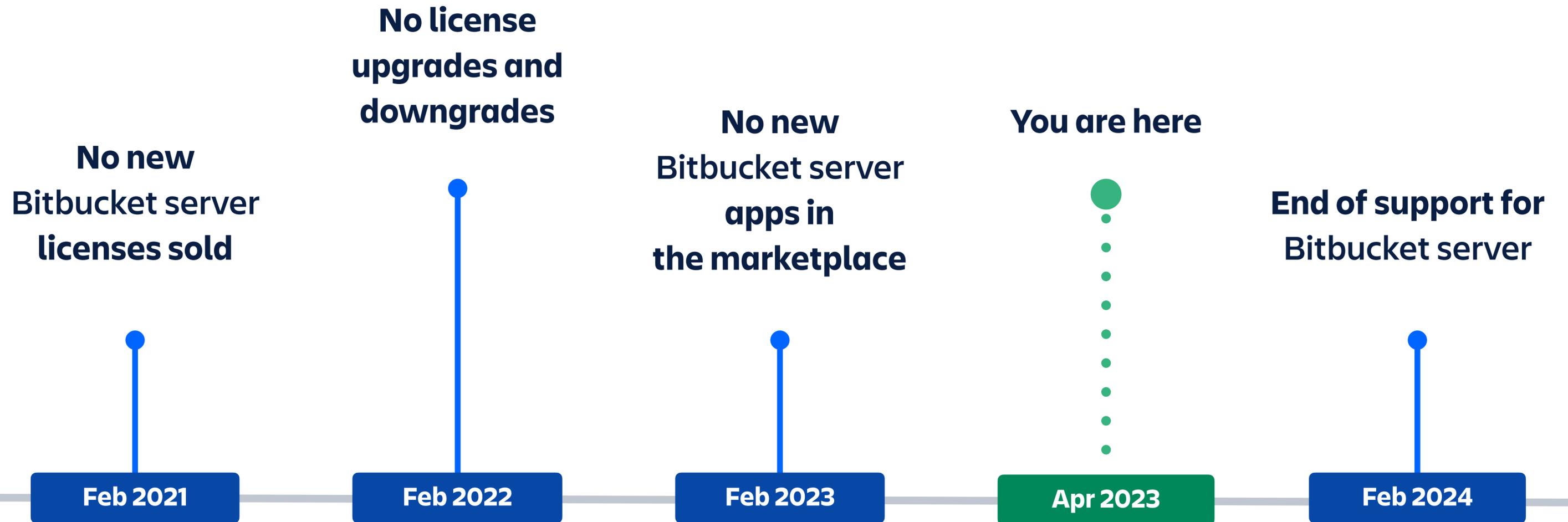
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**Code security**

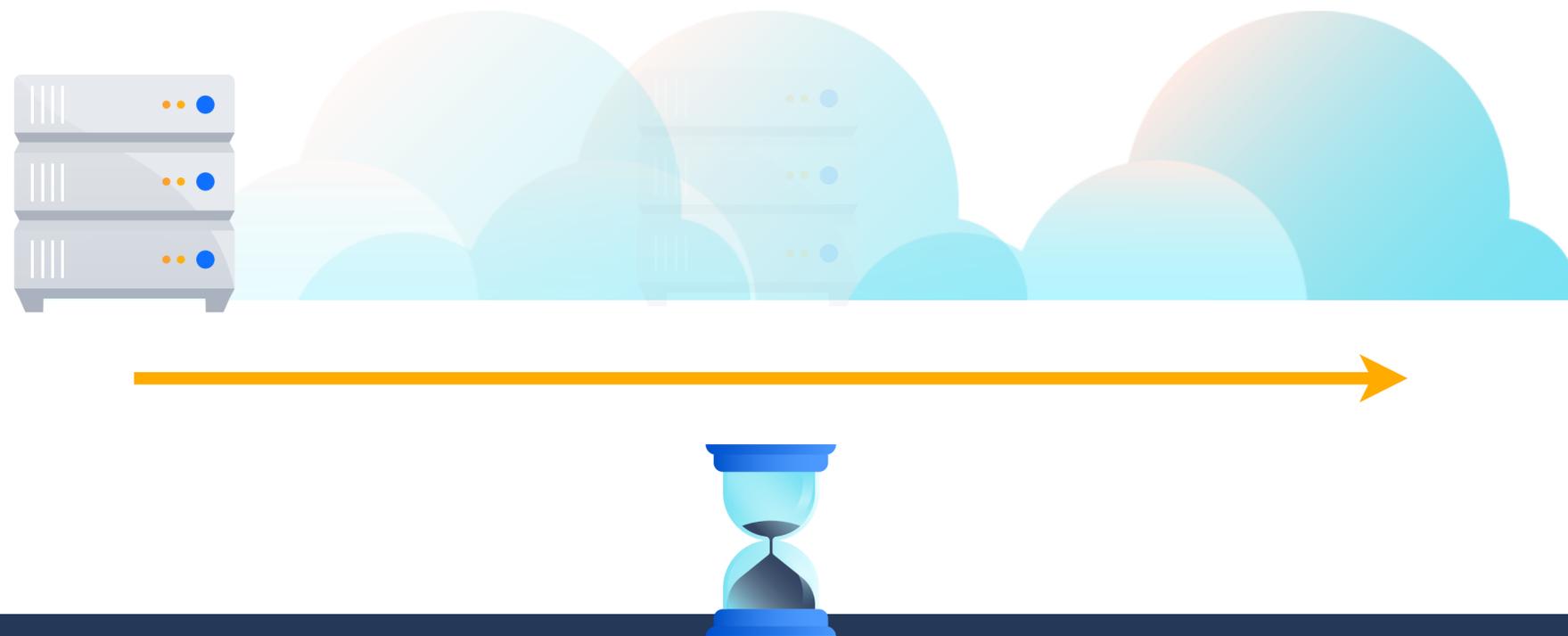
**Extensibility**

# Migration strategies

# Just ten months left

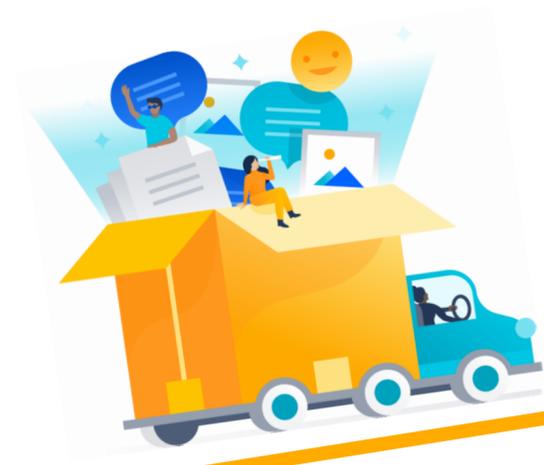


# It's time to start your migration





Server



Migration to Cloud



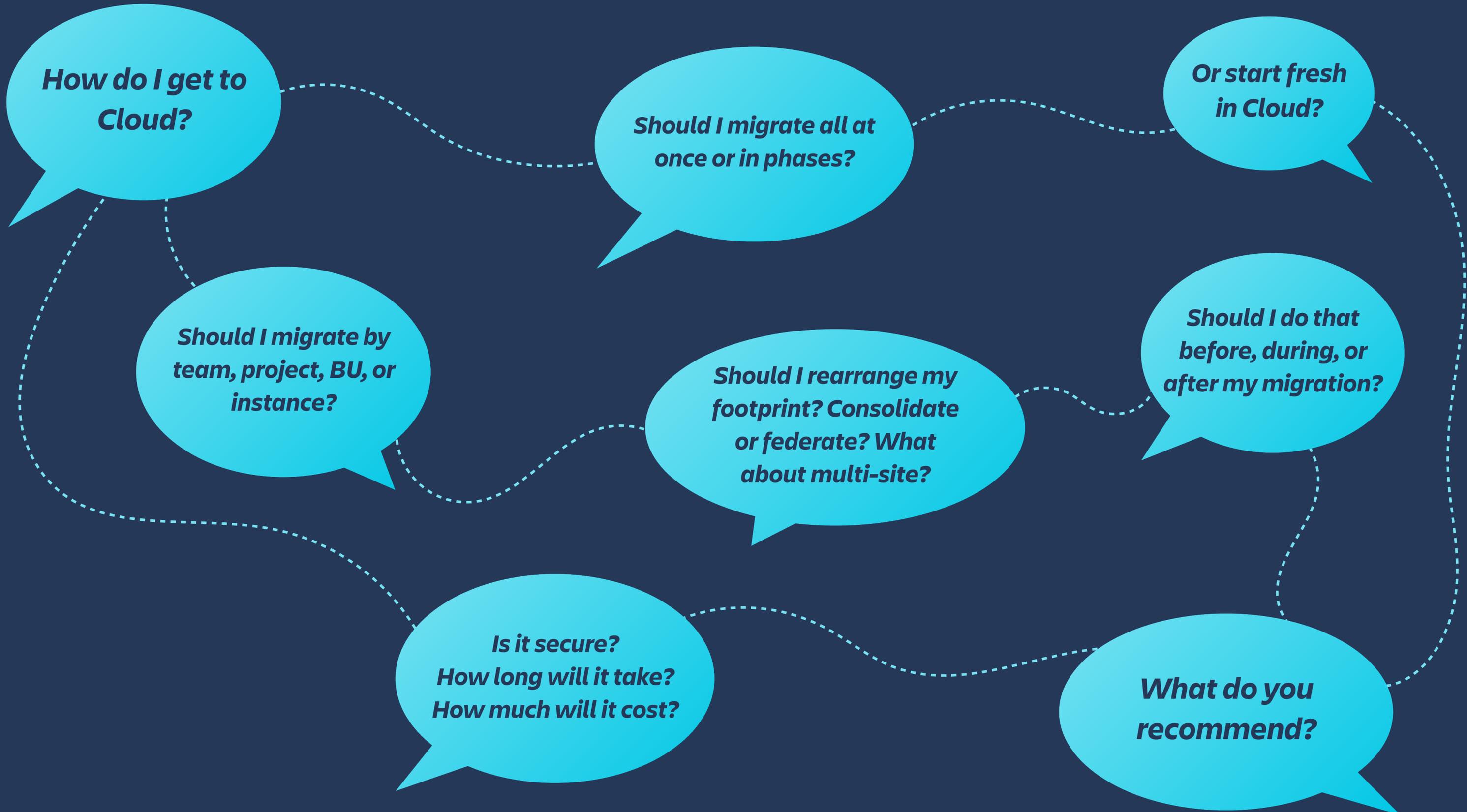
Cloud



DC license purchase



Data Center



***How do I get to Cloud?***

***Should I migrate all at once or in phases?***

***Or start fresh in Cloud?***

***Should I do that before, during, or after my migration?***

***Should I rearrange my footprint? Consolidate or federate? What about multi-site?***

***Should I migrate by team, project, BU, or instance?***

***Is it secure?  
How long will it take?  
How much will it cost?***

***What do you recommend?***

# Migration strategy



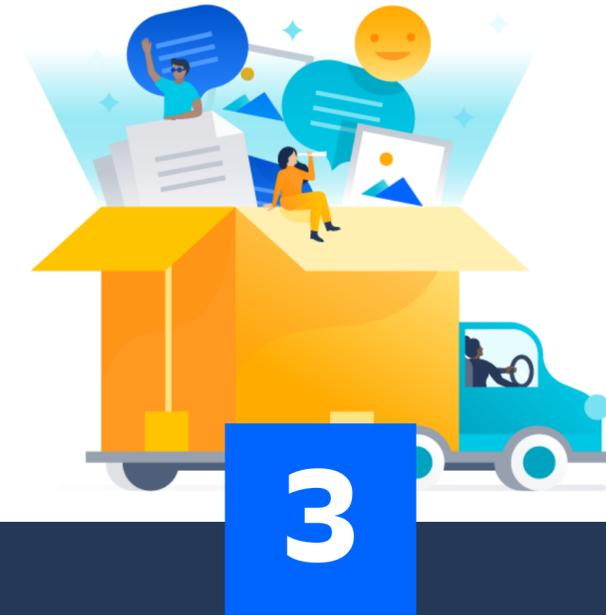
## People

Build your migration team



## Paths

Adapt Cloud architecture to your needs



## Method

Migration readiness state of mind

# Assemble your Cloud migrations dream team



# Migration strategy



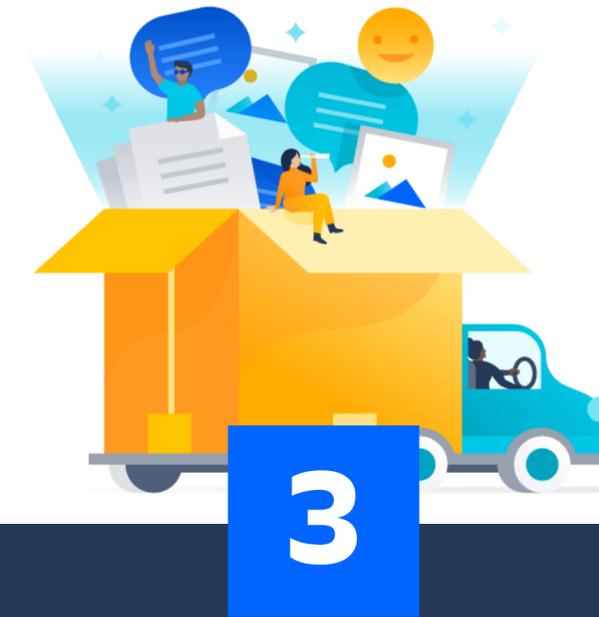
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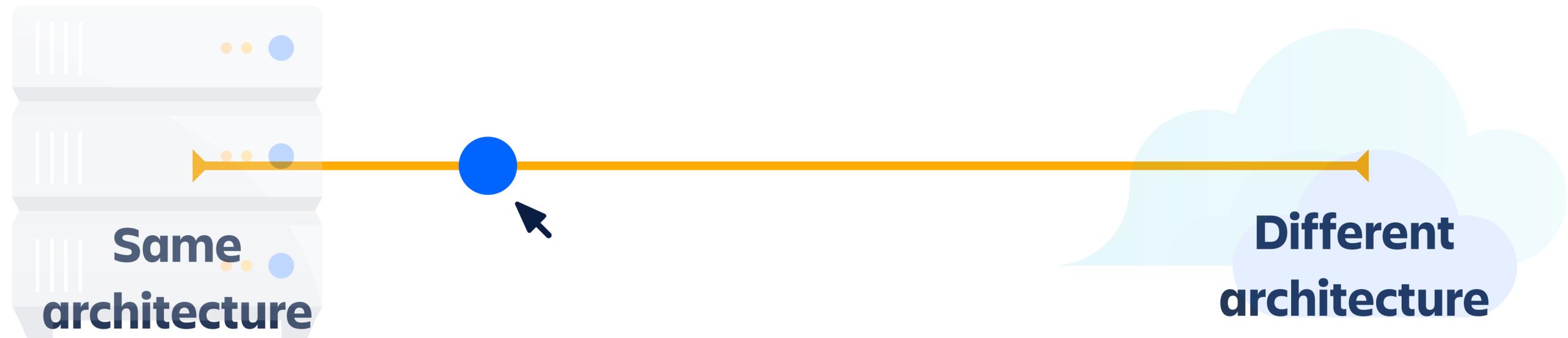
Adapt Cloud architecture to your needs



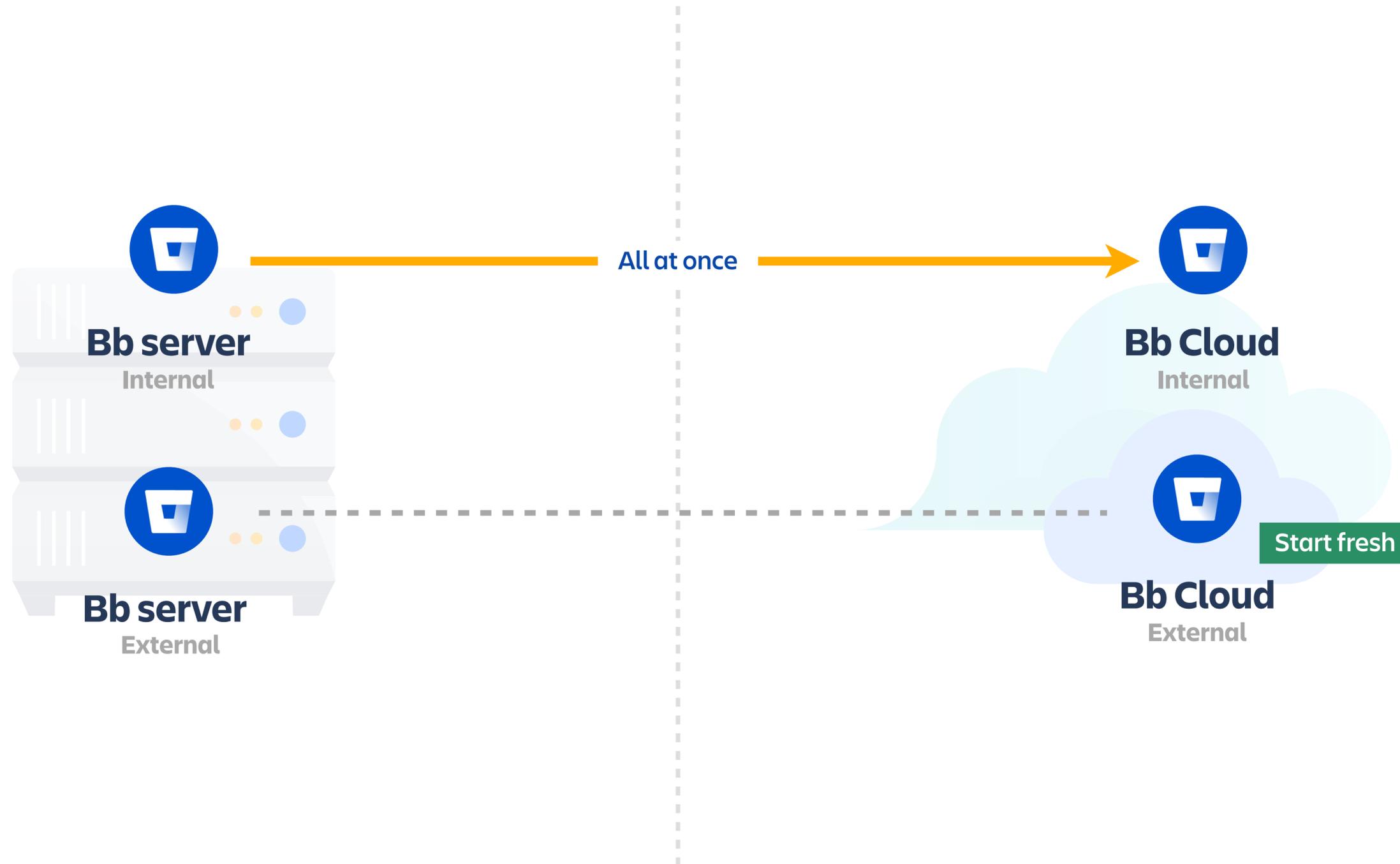
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Migration readiness state of mind

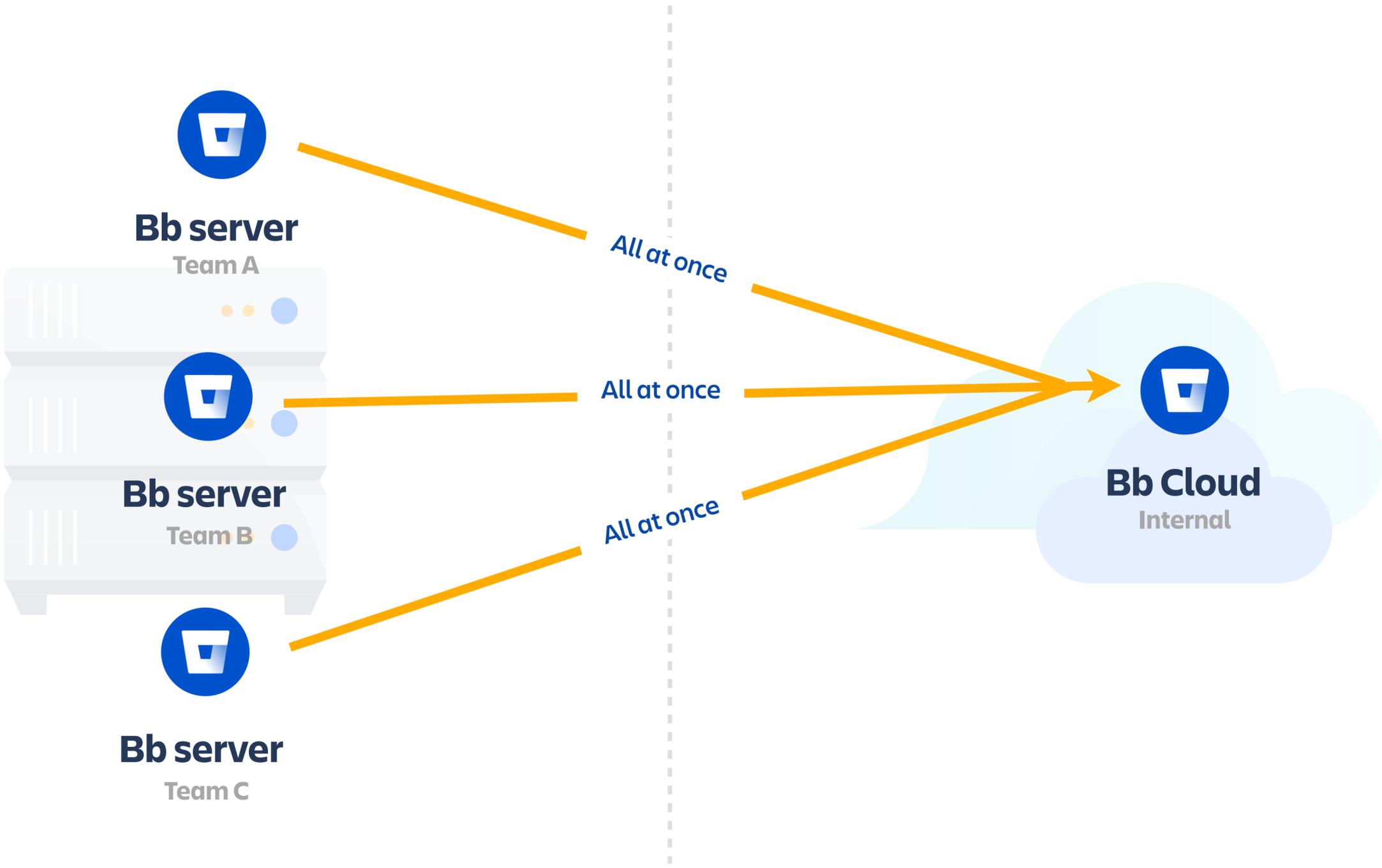
# Degree of transformation



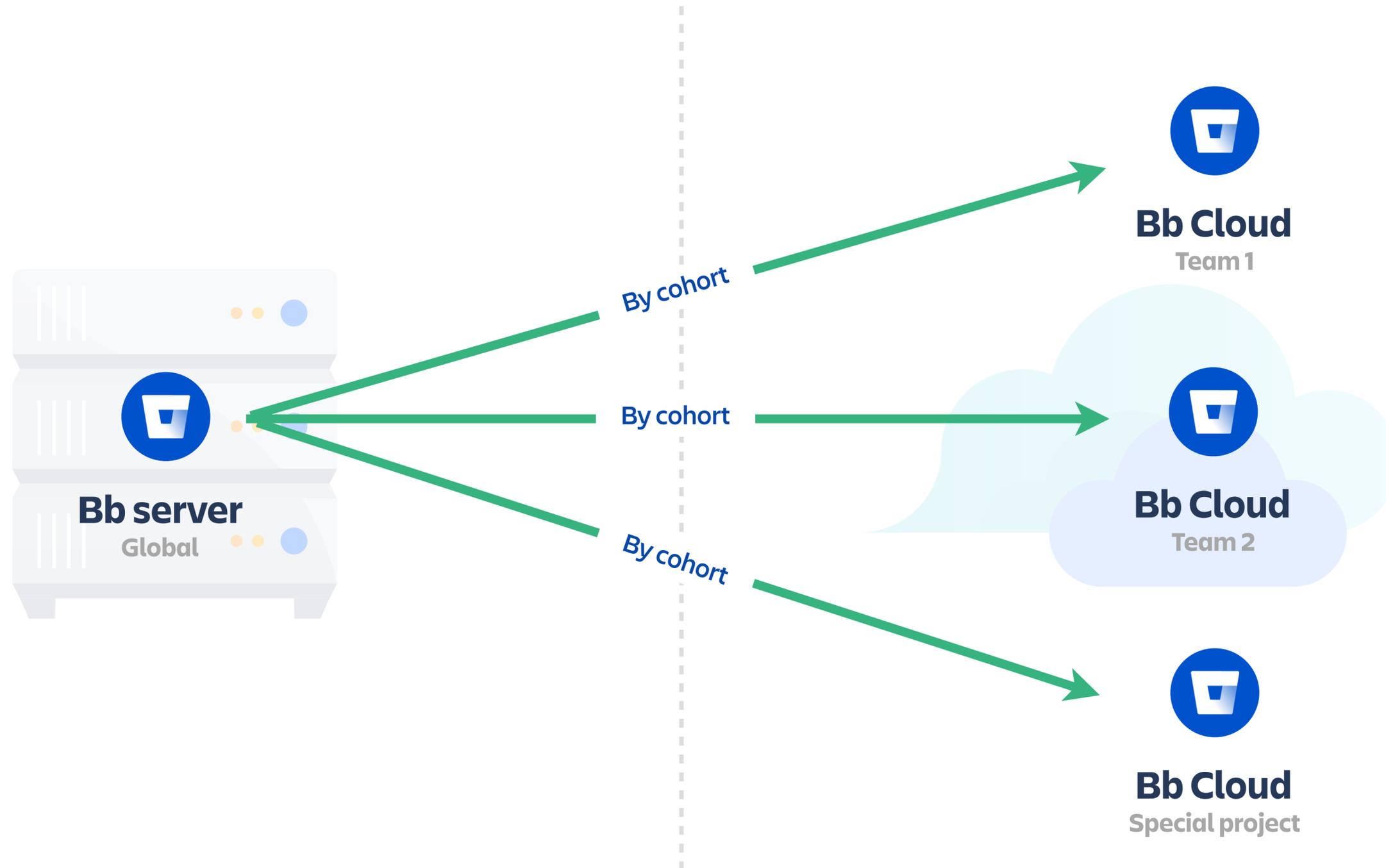
# Translation



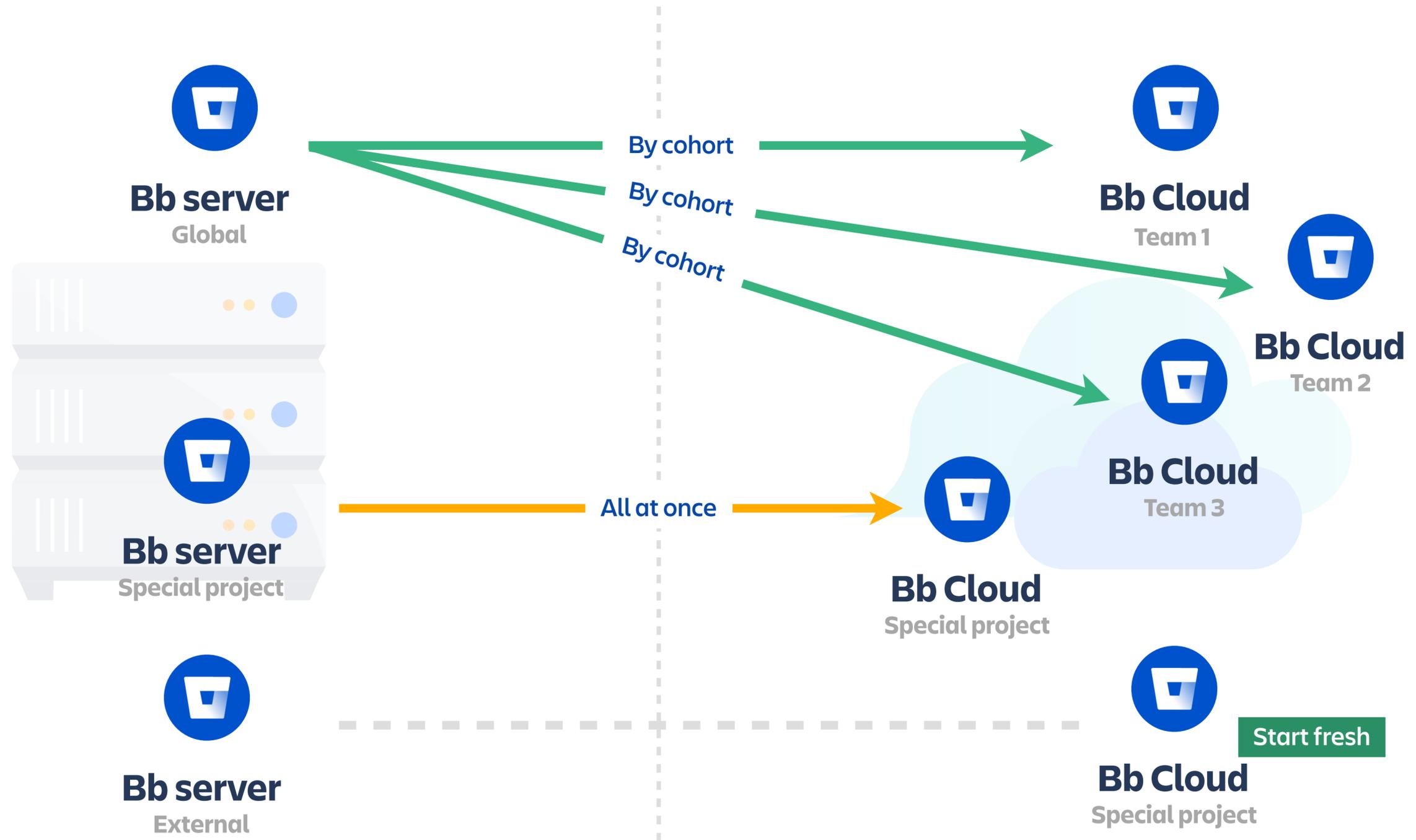
# Consolidation



# Federation



# Hybrid



# Is this the fastest, least disruptive way to move?



# Migration strategy



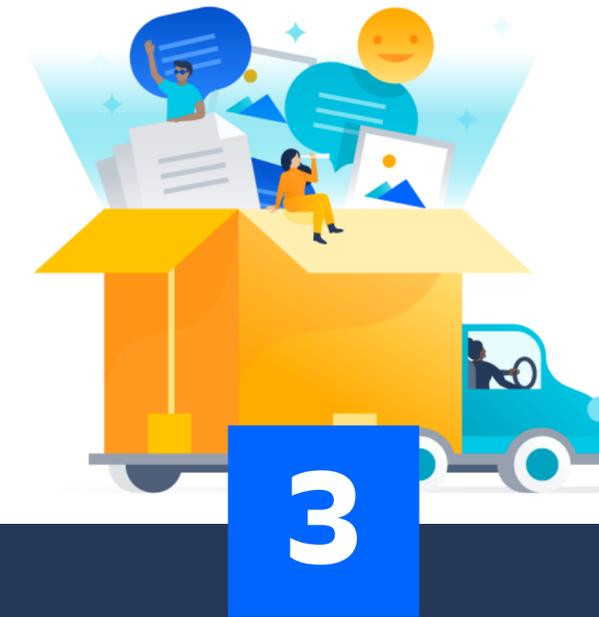
## People

Build your migration team



## Paths

Adapt Cloud architecture to your needs



## Method

Migration readiness state of mind

# Migration methods overview

## Lift and shift ("Big Bang")

## Optimize and shift

## Phased

## Start fresh



### Description

Take the full server instance as-is and migrate within a single downtime window

Migrate only necessary data and users in a single downtime window

Breaking your migration into 2-4 batches based on value-specific cohorts

Leave projects/repositories behind in your old Bitbucket server to bring only users over.

### Benefit

- Everything migrated at once
- Shorter overall timeline
- Decreased costs

- Only migrate what you need
- Simplify cloud navigation
- Improve performance

- Phased user onboarding and change management
- Gather iterative feedback

- No downtime
- Keep server for archiving purposes

### Recommended when

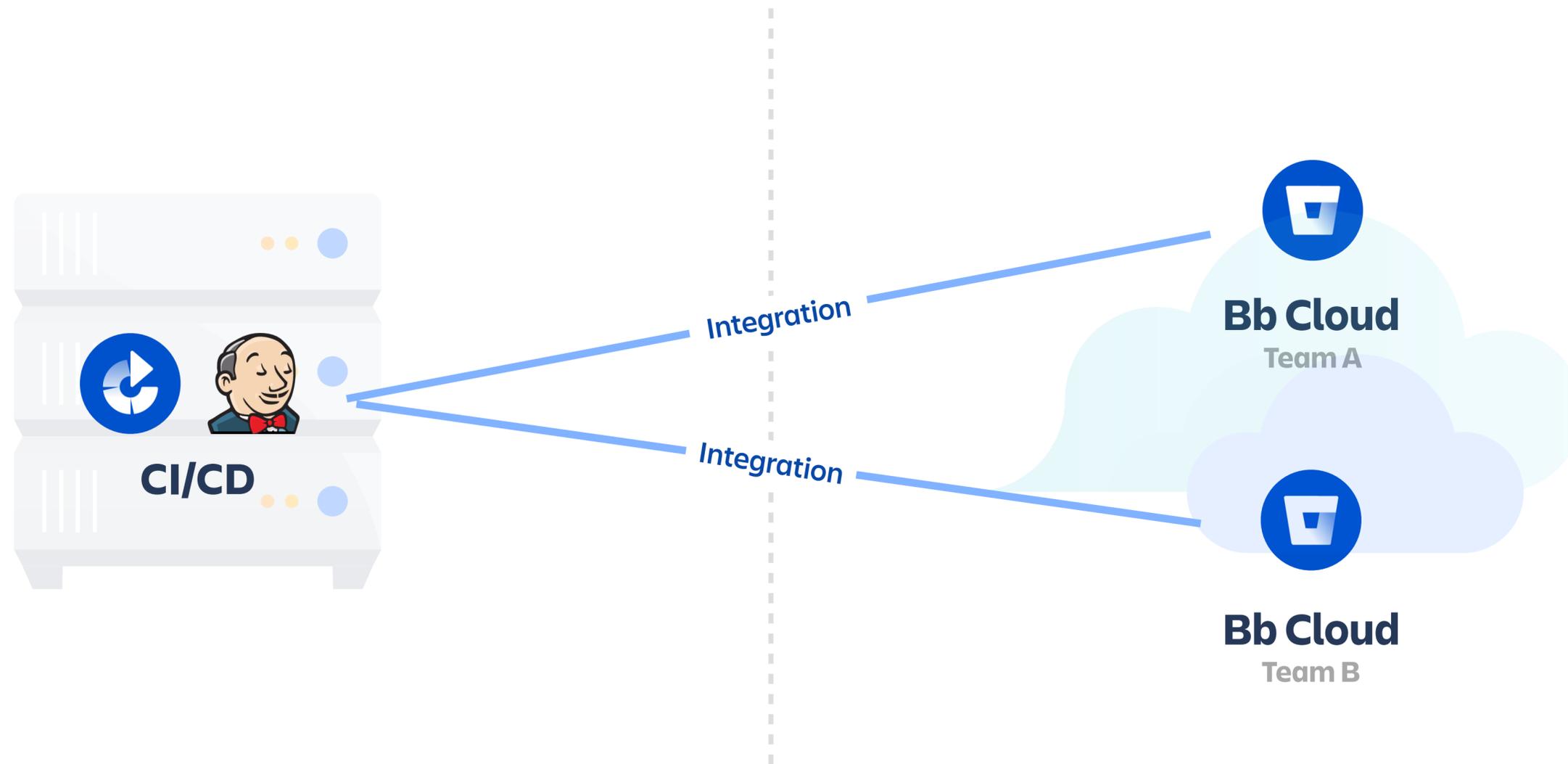
You need to move to cloud quickly.

You want to move to cloud in one migration window.

You are unable to move to cloud due to business or technical blockers.

You need to move to cloud quickly.

# Self-hosted CI/CD



# Bitbucket Data Center



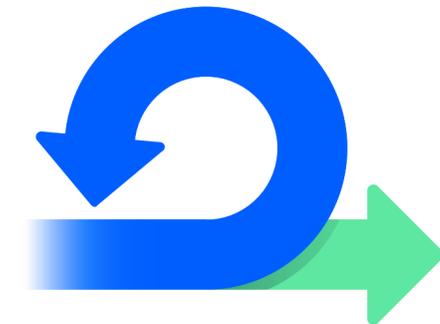
## Performance & scale

Bitbucket mesh



## Security & compliance

Built-in code security  
User permissions  
Enforced project settings



## Developer productivity

Advanced pull requests



# Atlassian Migration Program

[atlassian.com/migration/resources/bitbucket-migration-assistant](https://atlassian.com/migration/resources/bitbucket-migration-assistant)

