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Caching Services

Quiz 17 | 5 Questions

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You are developing an application that is receiving stock trades in a stream from various stock exchanges. Your application is used by millions of users who are interested in the last 5 trades. Which caching strategy would you use?

1

None

2

On-demand

3

Background job

4

Circuit breaker

5

Session cache

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You are developing an application that is receiving stock trades in a stream from various stock exchanges. Your application is used by millions of users who are interested in the last 5 trades. Which caching strategy would you use?

› This was discussed in Lecture 35: **Bluemix Data & Session Caching Services**

None



On-demand

Please try again.



Background job
High performance

Good job, please continue to the next question.

Circuit breaker

Session cache

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Which one is NOT the reason for caching?

1

Better performance of apps

2

Higher throughput

3

Faster access to data

4

Reduced application complexity

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Which one is NOT the reason for caching?

Better performance of apps

Higher throughput

Faster access to data

✓ Reduced application complexity
Good job, please continue to the next question.



Background push strategy/pattern for caching involves

> This was discussed in Lecture 35: **Bluemix Data & Session Caching Services**

- ☐ Using a caching service for data
Please try again.
- ☐ Checking the cache for data, if not found then data is retrieved from DB and set in the cache
Please try again.
- ☐ Distributed cache that can be accessed by any number of application instances behind a load balancer
Please try again.
- ☒ Data is always retrieved from cache without checking as there is a job that is continuously updating the data in the cache
This provides better performance
- ☐ All of the above
Please try again.

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Web applications can manage HTTP sessions in multiple ways but the recommended way is to

- 1 Build applications as stateless processes with sticky session on load balancer
- 2 Build applications as stateless processes with distributed data cache
- 3 Build applications as stateless processes with distributed session cache
- 4 Design processes that can leverage distributed and data cache

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Web applications can manage HTTP sessions in multiple ways but the recommended way is to

› This was discussed in Lecture 35: **Bluemix Data & Session Caching Services**

Build applications as stateless processes with sticky session on load balancer



Build applications as stateless processes with distributed data cache

Good job, please continue to the next question.



Build applications as stateless processes with distributed session cache

Please try again.

Design processes that can leverage distributed and data cache



You are working on a web application that is generating a complex HTML page. Your users are complaining about the bad response time. Which service would you may use for addressing the issue of unacceptable performance?

> This was discussed in Lecture 35: **Bluemix Data & Session Caching Services**



Data Cache

Good job, please continue to the next question.

Session Cache



Memcached

Please try again.

Javascript Optimizer

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Review the course materials to expand your learning.

You got 1 out of 5 correct on the first attempt.

✓ What you know ⓘ

Which one is NOT the reason for caching?

✗ What you should review

You are developing an application that is receiving stock trades in a stream from vari...

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