

### Module 11



#### The architectural need

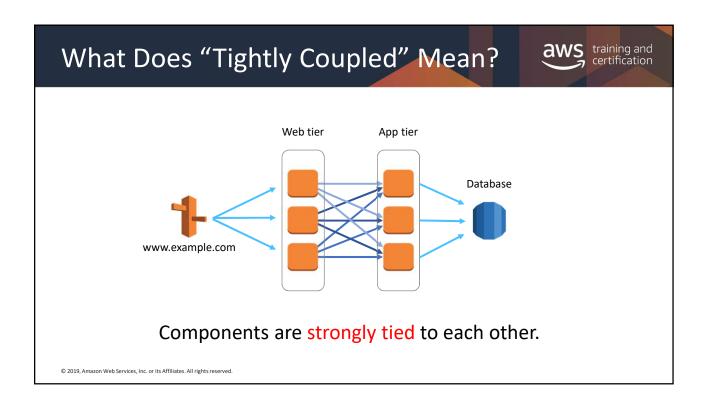
Your architecture now supports hundreds of thousands of users, but if one part fails, the whole application fails. You need to remove dependencies.

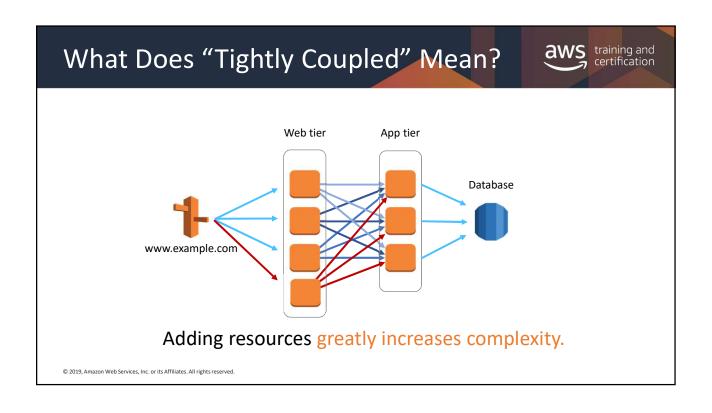
#### **Module Overview**

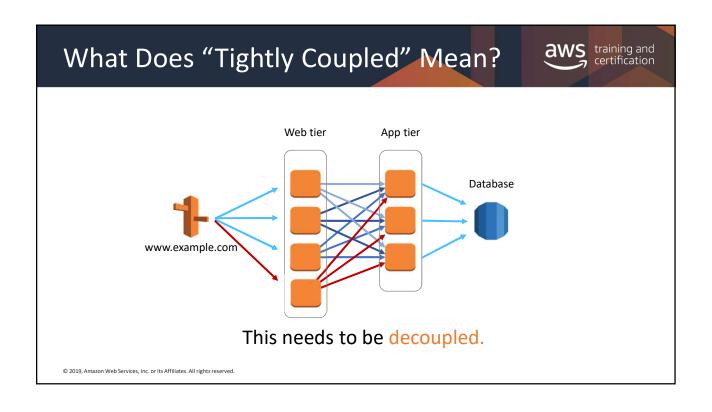
- Decoupled Architecture
- Using Amazon SQS and Amazon SNS to create decoupled architectures

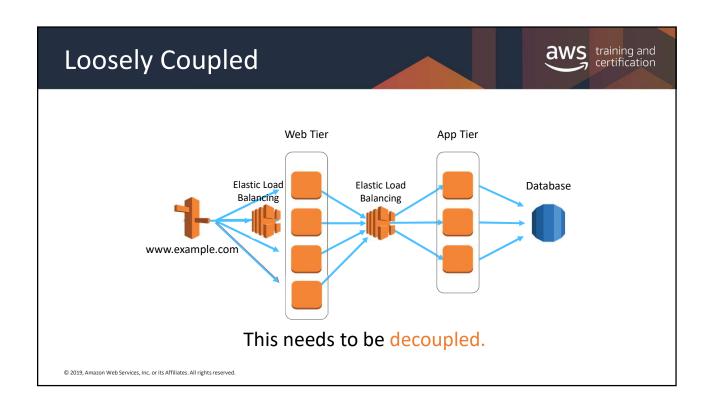
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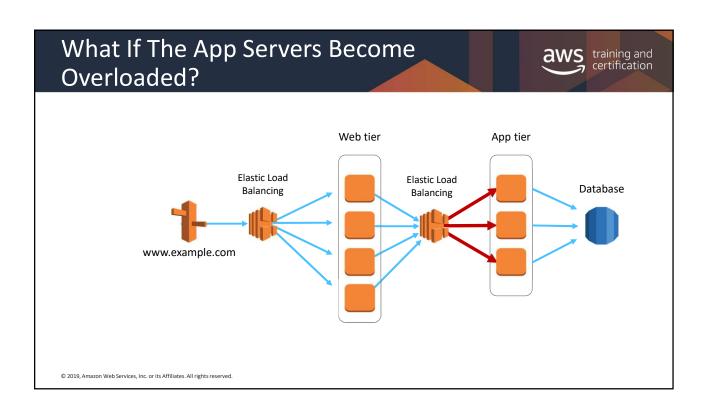




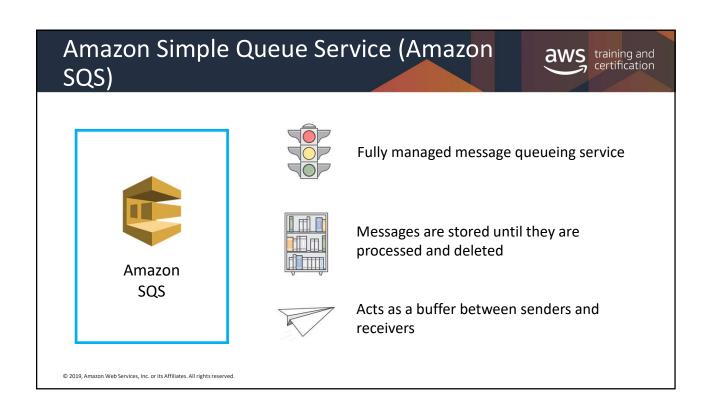












# Achieving Loose Coupling with Amazon SQS



Using SQS queues, you can:



Use asynchronous processing to get your responses from each step quickly

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Using SQS queues, you can:



Use asynchronous processing to get your responses from each step quickly



Handle performance and service requirements by increasing the number of job instances

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