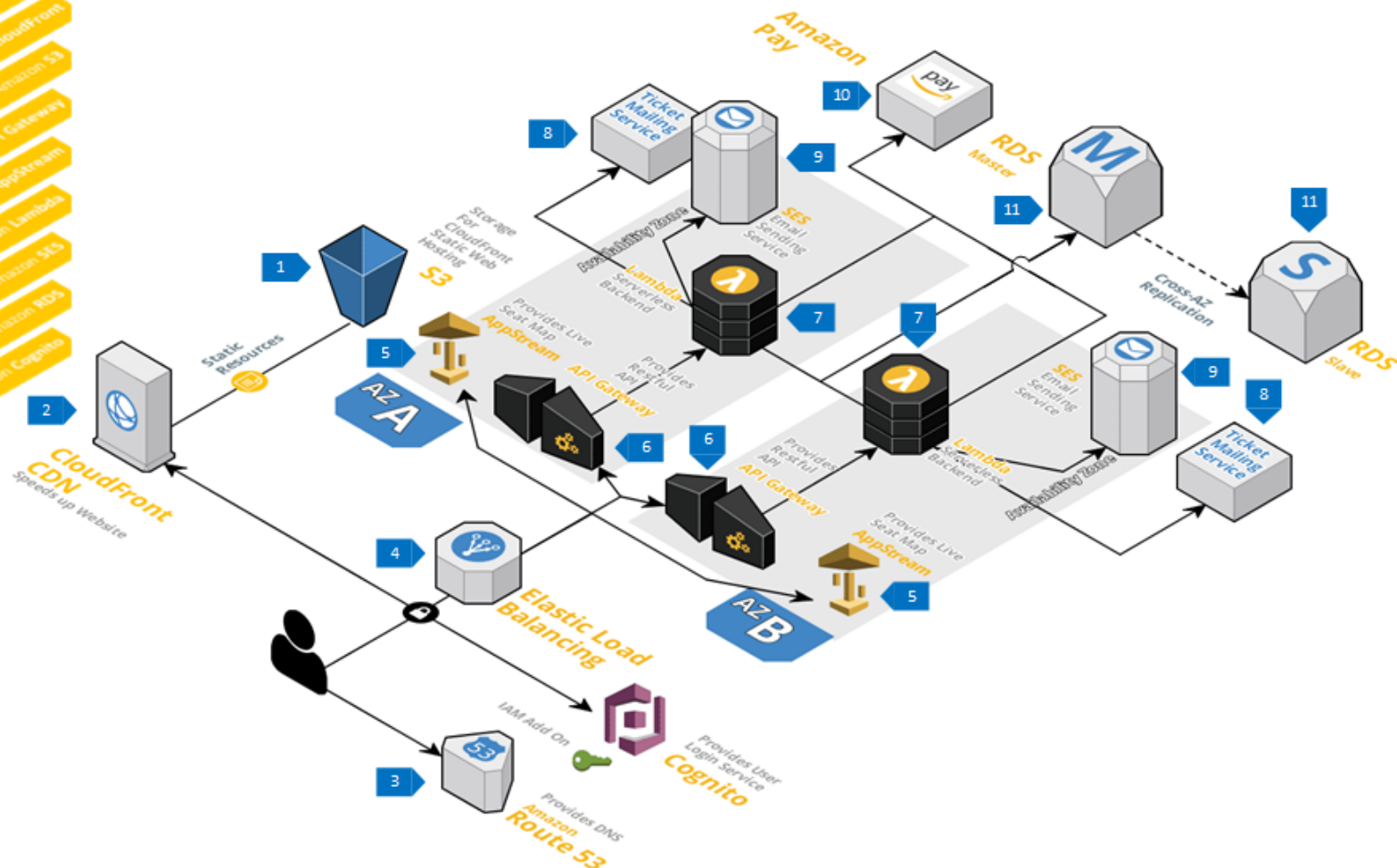


TicketBoss™

Tavish Burnah – CS6500

The TicketBoss™ system will allow users to view various entertainment events, see seat availability at those events, and select and purchase seats. The system should be able to be accessed from any platform and any device. It is designed to be Secure, Reliable ,Performant and usable.

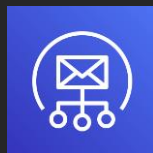


- | | | |
|---|--|--|
| <p>1 Resources and static content used by the TicketBoss website are stored on Amazon Simple Storage Service (S3).</p> <p>2 Static, streaming and dynamic content is delivered by Amazon CloudFront.</p> <p>3 The user's DNS requests are served by Amazon Route 53, a high-availability DNS Service.</p> <p>4 HTTP and Streaming Data are first handled by Elastic Load Balancing which distributes the traffic among multiple Availability Zones.</p> | <p>5 The live view of seating reservations and available seats is served from Amazon AppStream.</p> <p>6 The RESTful API used by the web templates is provided by the Amazon API Gateway.</p> <p>7 Amazon Lambda provides the serverless backend processing for the TicketBoss Web Application.</p> <p>8 A 3rd Party (Non-Amazon) Ticket Mailing Service sends physical tickets to customers.</p> | <p>9 An email containing an image of the purchased ticket and a receipt is sent through Amazon SES, an E-Mail sending Service.</p> <p>10 Amazon Pay is used as the payment service for ticket purchases.</p> <p>11 The relational database that contains the data is hosted on multi-AZ deployments of Amazon Relational Database Service.</p> |
|---|--|--|

Amazon Pay



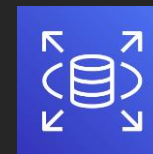
Simple Email Service (SES)



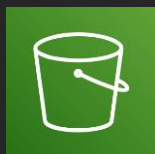
AWS Lambda



RDS



Simple Storage Service (S3)



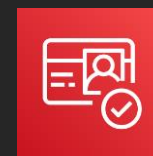
AppStream 2.0



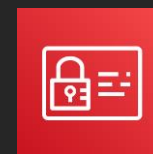
API Gateway



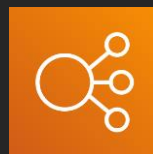
Cognito



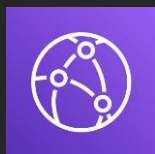
AWS Identity and Access Management (IAM)



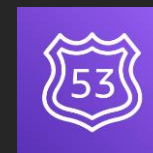
Elastic Load Balancing (ELB)



CloudFront



Route 53



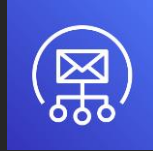
Users



Amazon Pay



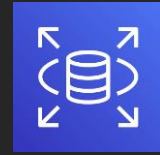
Simple Email Service (SES)



AWS Lambda



RDS



Simple Storage Service (S3)



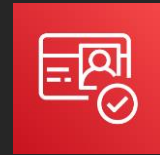
AppStream 2.0



API Gateway



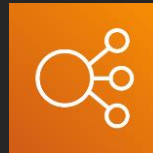
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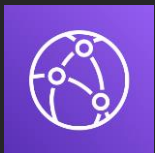
AWS Identity and Access Management (IAM)



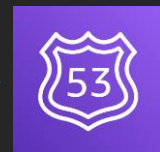
Elastic Load Balancing (ELB)



CloudFront



Route 53



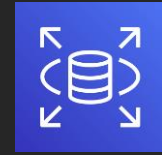
Users



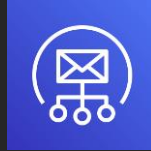
Amazon Pay



RDS



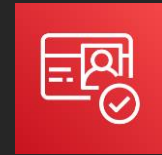
Simple Email Service (SES)



AWS Lambda



Cognito



Simple Storage Service (S3)



AppStream 2.0



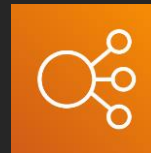
API Gateway



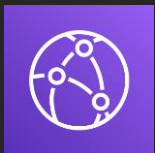
AWS Identity and Access Management (IAM)



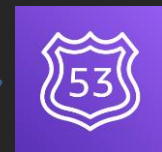
Elastic Load Balancing (ELB)



CloudFront



Route 53



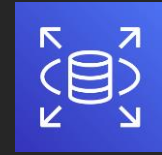
Users



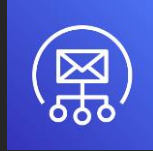
Amazon Pay



RDS



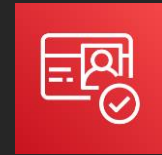
Simple Email Service (SES)



AWS Lambda



Cognito



Simple Storage Service (S3)



AppStream 2.0



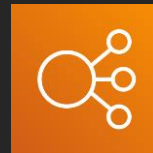
API Gateway



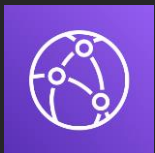
AWS Identity and Access Management (IAM)



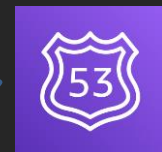
Elastic Load Balancing (ELB)



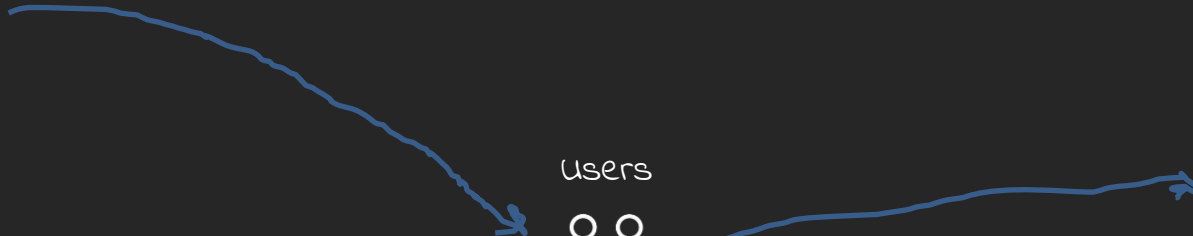
CloudFront



Route 53



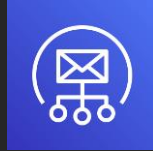
Users



Amazon Pay



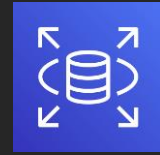
Simple Email Service (SES)



AWS Lambda



RDS



Simple Storage Service (S3)



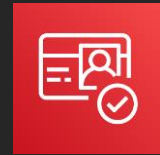
AppStream 2.0



API Gateway



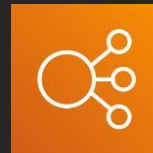
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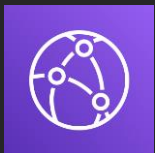
AWS Identity and Access Management (IAM)



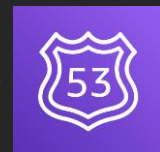
Elastic Load Balancing (ELB)



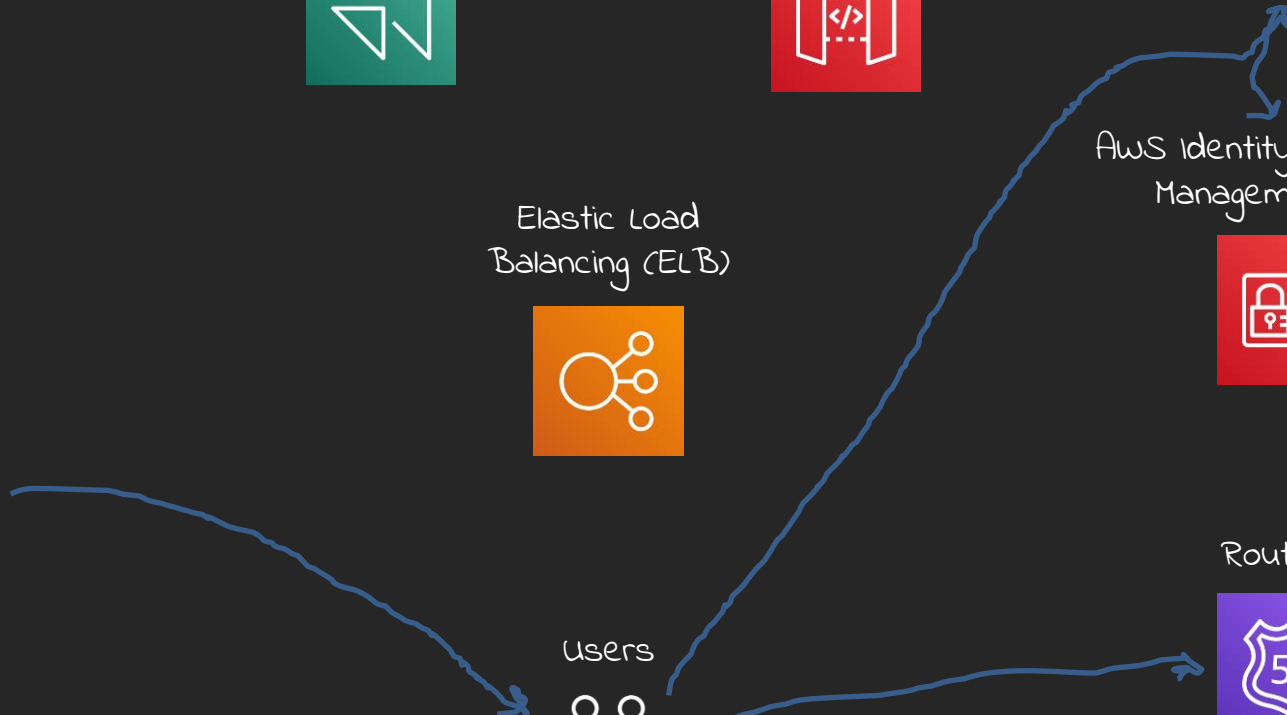
CloudFront



Route 53



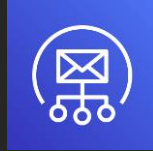
Users



Amazon Pay



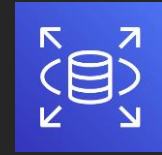
Simple Email Service (SES)



AWS Lambda



RDS



Simple Storage Service (S3)



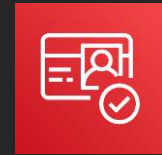
AppStream 2.0



API Gateway



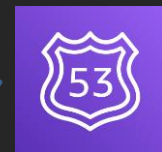
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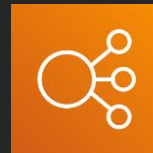
AWS Identity and Access Management (IAM)



Route 53



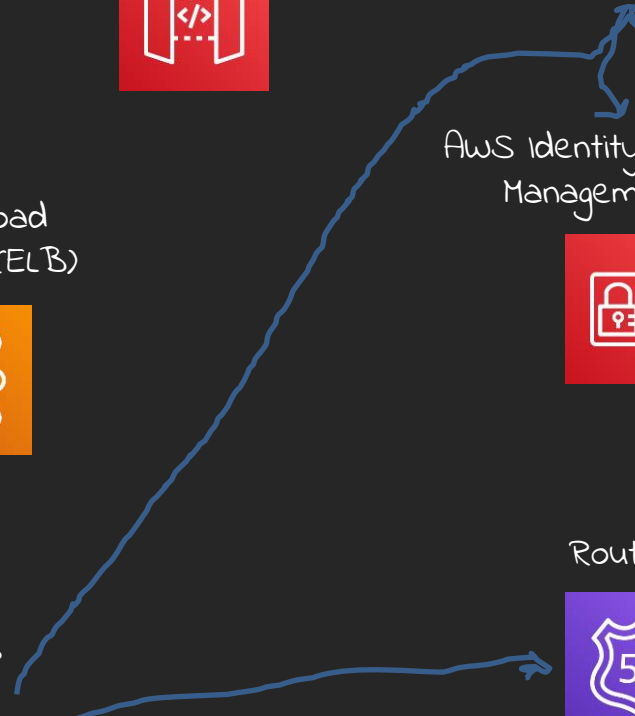
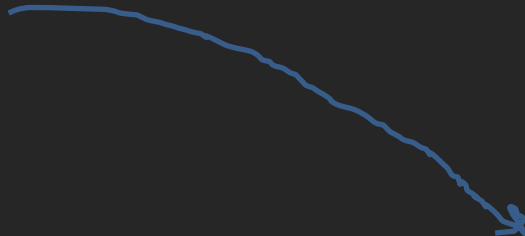
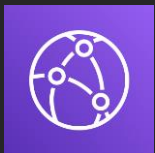
Elastic Load Balancing (ELB)










Users



CloudFront



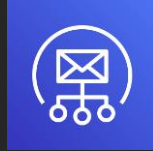
pay



Amazon Pay



Simple Email Service (SES)



AWS Lambda



RDS



Simple Storage Service (S3)



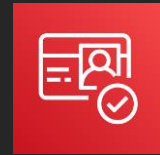
AppStream 2.0



API Gateway



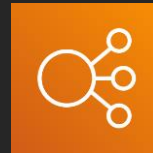
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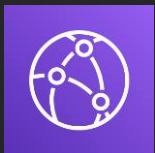
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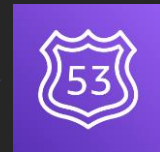
Elastic Load Balancing (ELB)



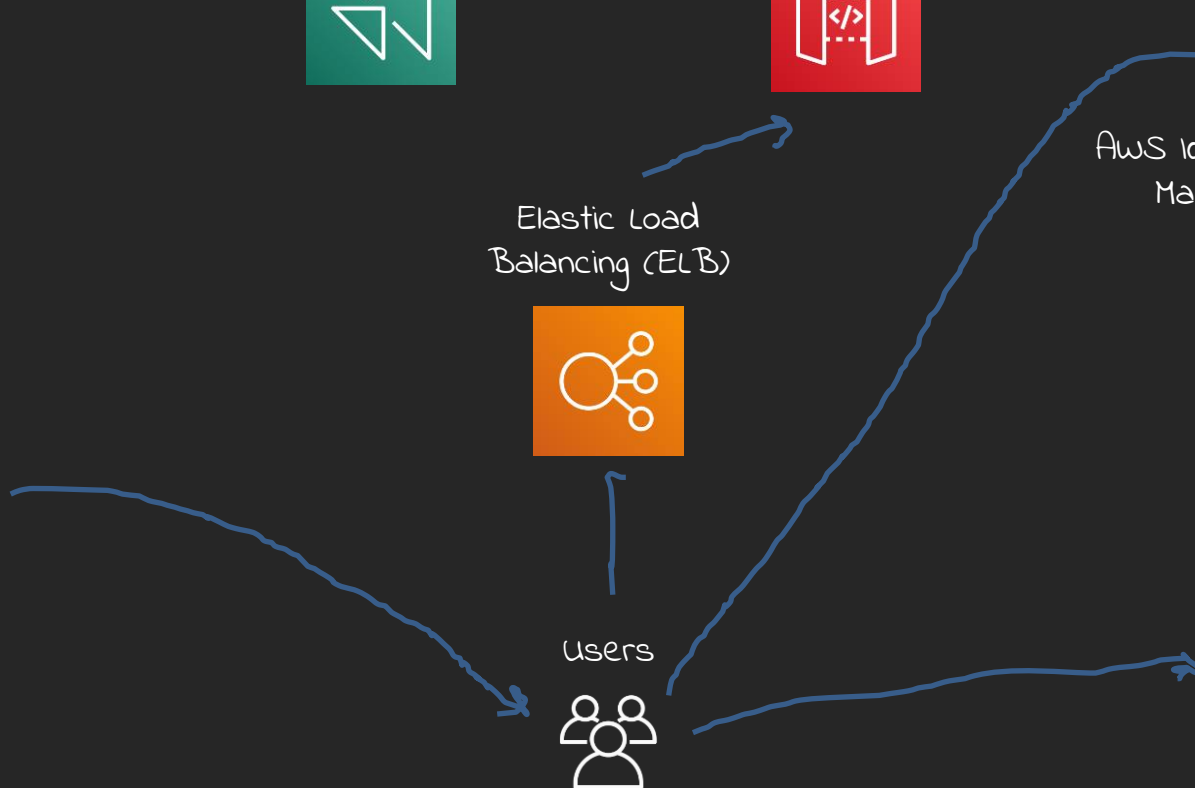
CloudFront



Route 53



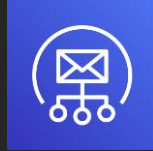
Users



Amazon Pay



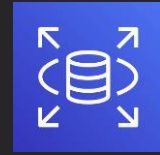
Simple Email Service (SES)



AWS Lambda



RDS



Simple Storage Service (S3)



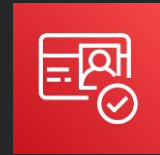
AppStream 2.0



API Gateway



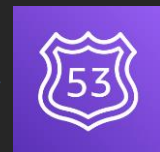
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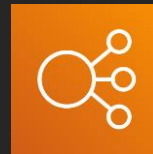
AWS Identity and Access Management (IAM)



Route 53



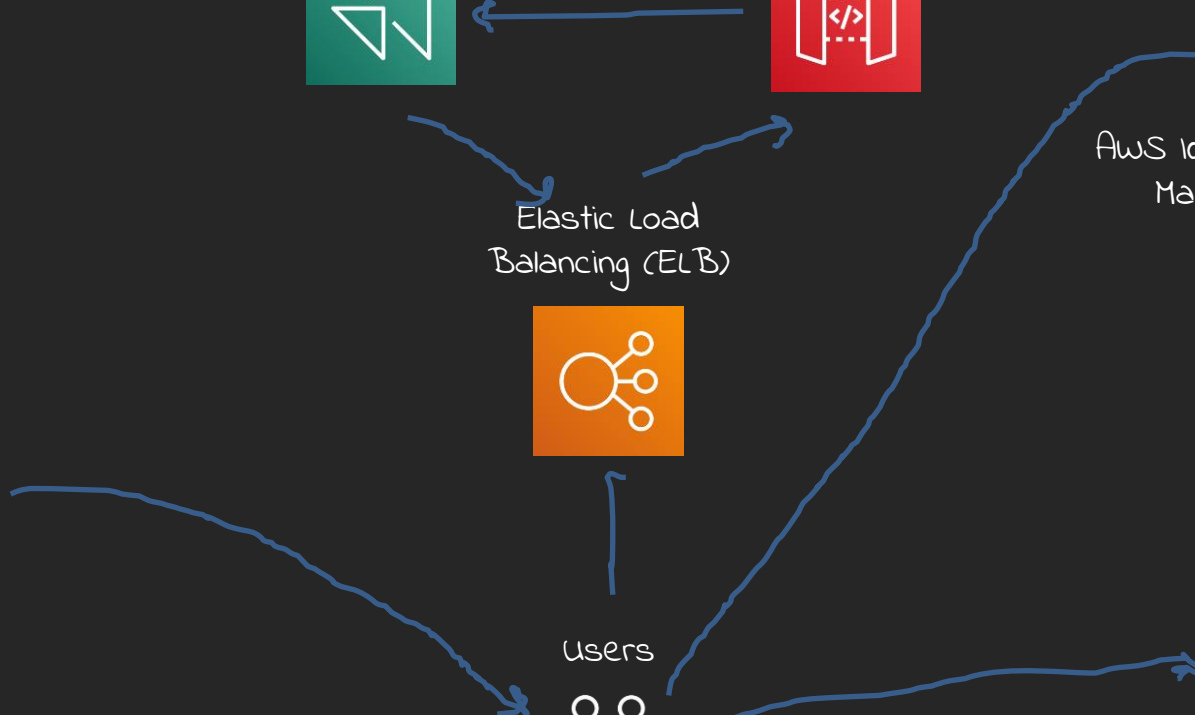
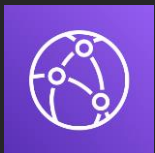
Elastic Load Balancing (ELB)



Users



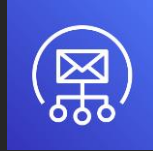
CloudFront



Amazon Pay



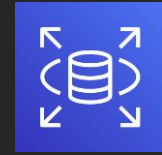
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AWS Lambda



RDS



Simple Storage Service (S3)



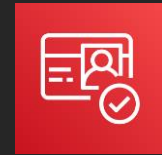
AppStream 2.0



API Gateway



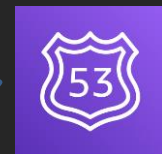
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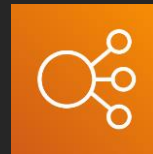
AWS Identity and Access Management (IAM)



Route 53



Elastic Load Balancing (ELB)



Users



CloudFront

