

Scaling Your Production Application with Amazon Lightsail

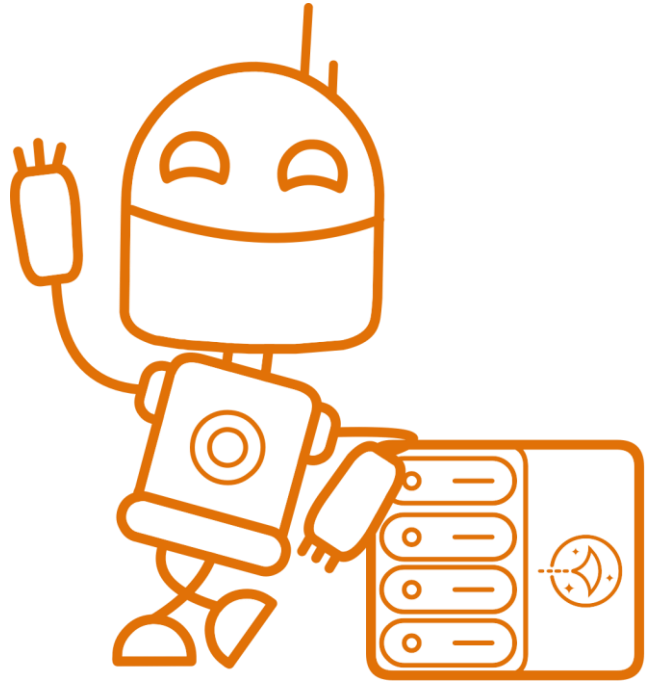
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Amazon Lightsail: Cloud made easy

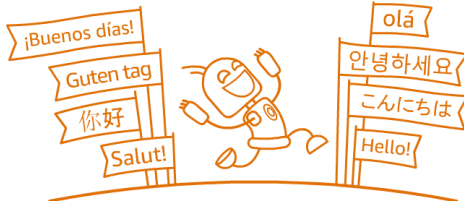
- Bundled compute, storage, networking
- Fully configured server
- Low, predictable price
- Intuitive, global Lightsail console
- Easy growth path
- Access to AWS services
- Tailored API & CLI



What's New in 2017



10
global regions



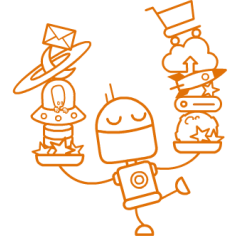
8
languages



Windows
Server



Additional
block storage



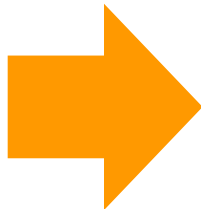
Load
Balancers

Growing your application on Lightsail

Create your first instance

Choose:

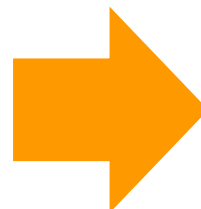
- Your region
- Your software
- Your plan size



Scale your app in Lightsail

Add:

- Larger plans
- More instances
- More storage



Add AWS services

Connect:

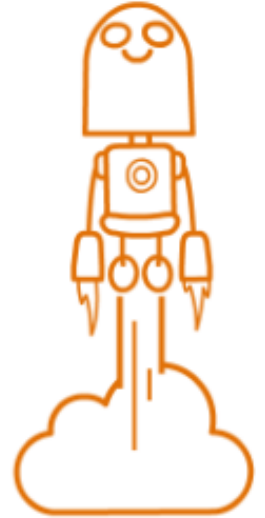
- 100+ services
- VPC peering
- Direct use

Demo: Launching your first instance



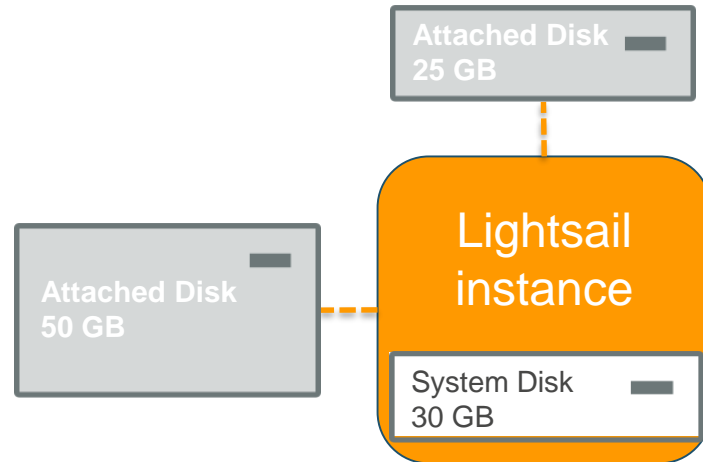
Add more resources to your instance

- Increase your plan size
 - Get more resources and power for your application
- Connect multiple Lightsail instances
 - Build applications with distributed workloads
- Create redundancy
 - Run instances across multiple regions and/or availability zones



Attach Lightsail block storage

- Easy to manage
- Highly available
- Low-latency performance
- Scalable
- Secure



What you can do with block storage?

Create your disks

Manage your disks

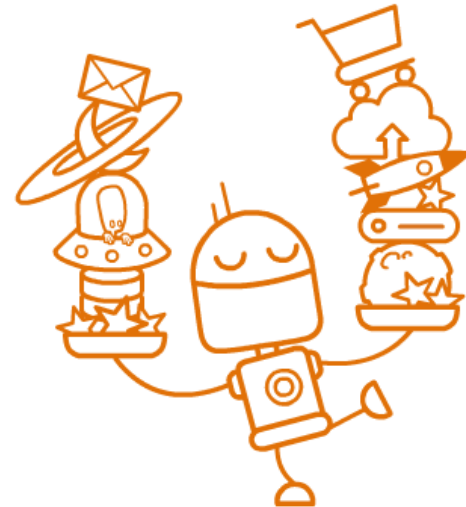
Backup with snapshots

Demo: Resizing your instance Attaching block storage

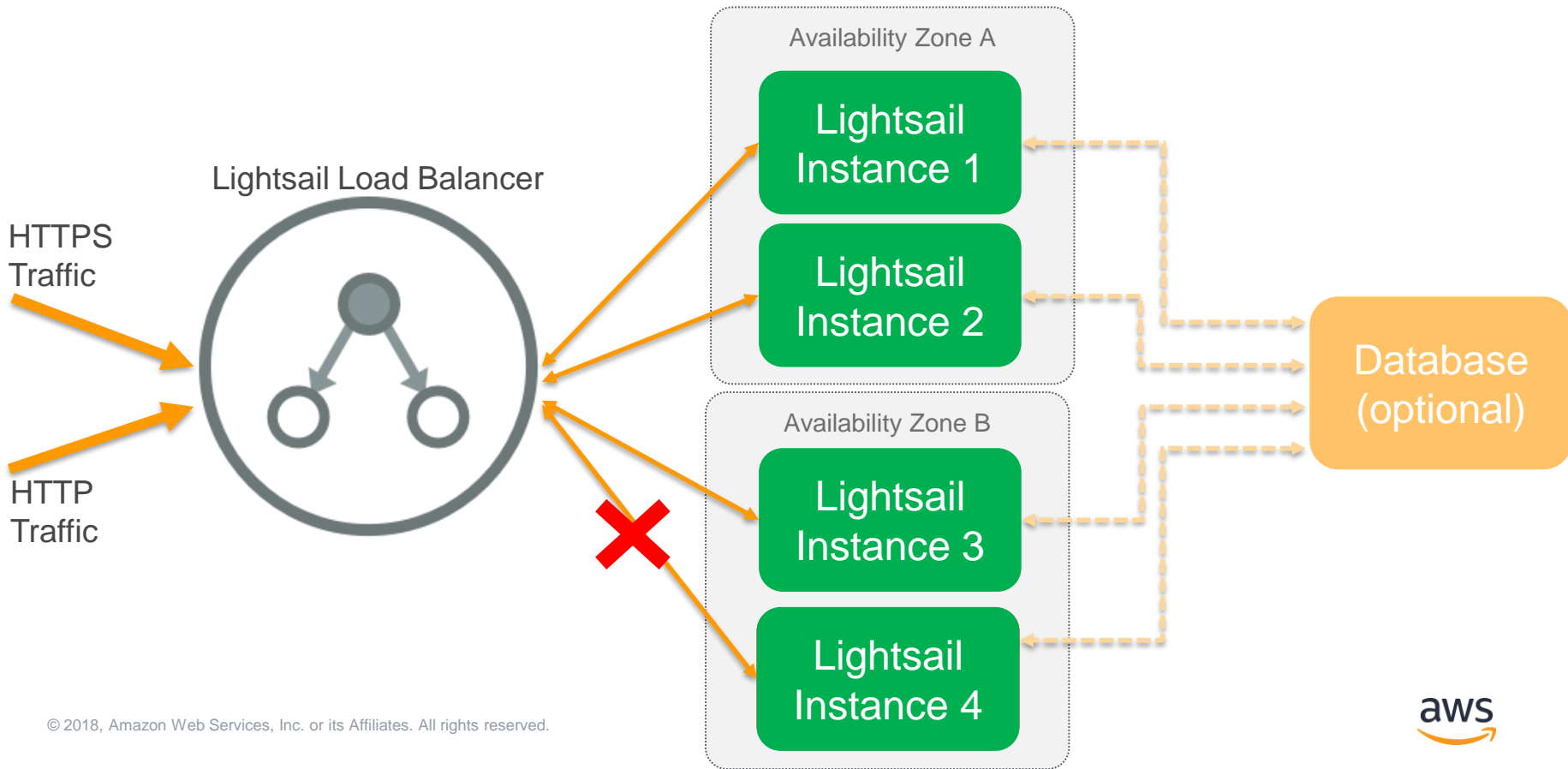


Load balancing made easy

- Create a load balanced application in minutes
 - Build high availability, performant applications
 - No experience required!
- Secure your application with free SSL/TLS Certificates
- Predictable pricing at \$18 per month



How Lightsail load balancing works



What you can do with load balancing?

**Create & configure
your load balancer**

Manage load balancer

Manage certificates

Demo: Adding load balancing to your app



Connecting AWS Services

- Access to many of 100+ AWS Services
- Enable VPC peering in Lightsail
- Create and manage AWS resources through AWS console
- Connect to Lightsail-based apps using peering or public network



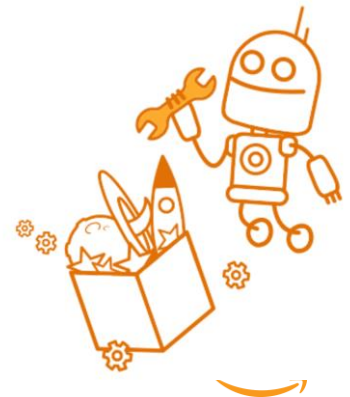
What AWS services can you connect to Lightsail?

Connect with VPC peering

- ✓ Managed databases (RDS)
- ✓ Compute instance (EC2)
- ✓ Containers (ECS)
- ✓ Data warehouse (Amazon Redshift)
- ✓ Big data—Hadoop (EMR)
- ✓ In memory data store/cache (ElastiCache)

Connect from AWS account

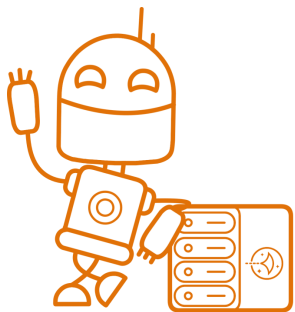
- ✓ Object storage (Amazon S3)
- ✓ CDN (CloudFront)
- ✓ AWS Database (DynamoDB)
- ✓ Serverless compute (Lambda)
- ✓ Email service (SES)
- ✓ Message queuing (SQS)



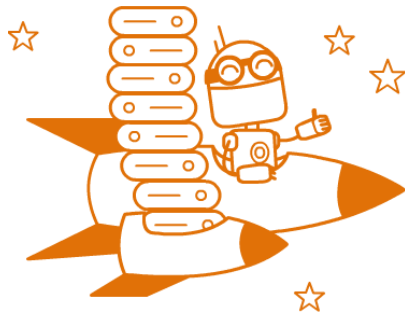
Demo: Using AWS Services with Lightsail



All together now: how to grow on Lightsail



Create larger
Instances



Add attached
block storage



Load balance
your application



Connect to
AWS Services

Thank you!