



ASEAN
AUSTRALIA
SMART CITIES
TRUST FUND
Asian Development Bank

AWS COVID-19 Data Lake

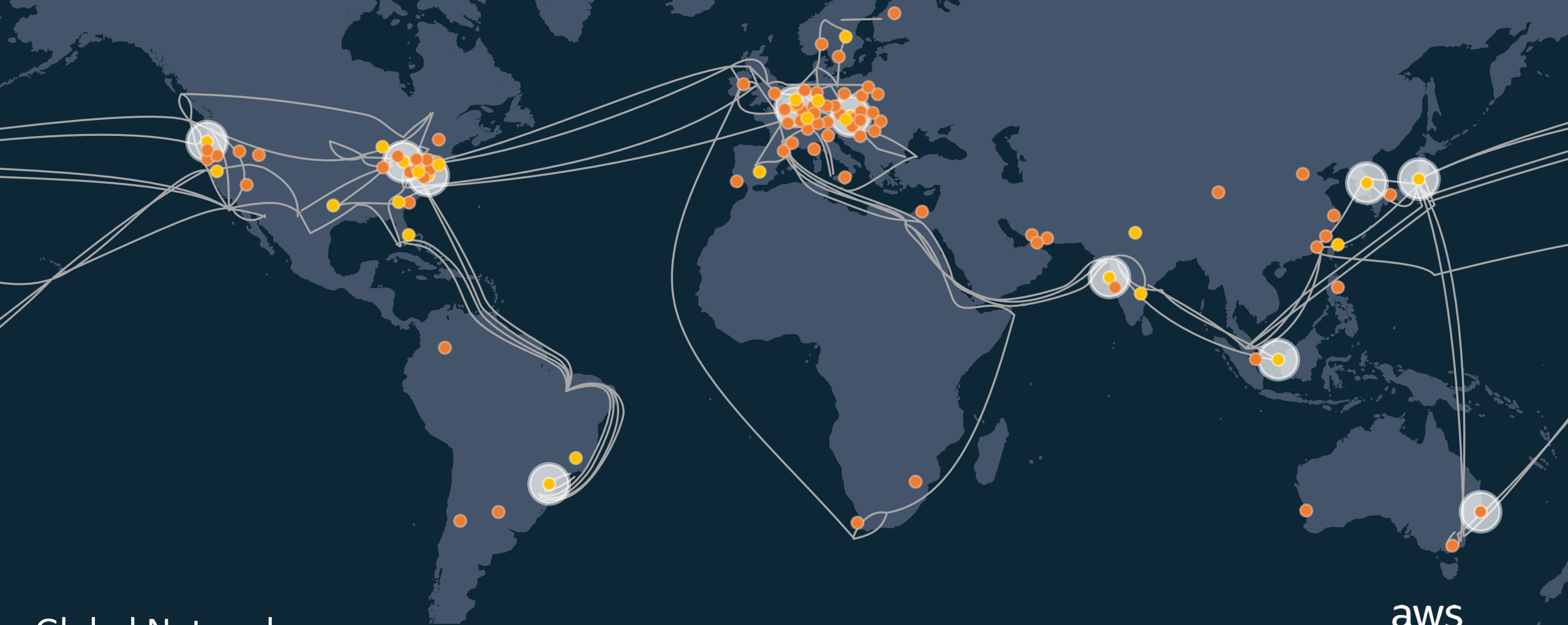
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Amazon Web Services



Global Network












Amazon Web Services

Regions

- First 5 years: 4 regions
- Next 5 years: 7 regions
- 2016–2020: 13 regions and 1 local region
- Coming soon: 3 regions



 ANALYTICS ANALYTICS DATA EXCHANGE DATA LAKE DATA PIPELINES DATA WAREHOUSE ELASTICSEARCH STREAMING ETL HADOOP/SPARK INTERACTIVE SQL QUERIES VISUALIZATIONS	 COMPUTE COMPUTE AUTO SCALING BATCH JOBS EVENT-DRIVEN SERVERLESS COMPUTING INSTANCE TYPES MANAGED VIRTUAL PRIVATE SERVERS CONTAINERS CONTAINER SERVICE MANAGED KUBERNETES STORE & RETRIEVE DOCKER IMAGES	 END USER COMPUTING APP STREAMING DESKTOP COMPUTING MOBILE ACCESS STORAGE & COLLABORATION  HYBRID ARCHITECTURE AWS SERVICES ON PREMISES INTEGRATED NETWORKING	 MACHINE LEARNING ML FRAMEWORKS DEEP LEARNING AMIs & CONTAINERS HARDWARE ACCELERATION ML AT THE EDGE TENSORFLOW, PYTORCH, MXNET AI SERVICES SAGEMAKER AUTOMATIC MODEL TUNING DATA LABELING HOSTED NOTEBOOKS ML MARKETPLACE MODEL HOSTING MODEL OPTIMIZATION	 MEDIA SERVICES LIVE VIDEO TRANSPORT MEDIA STORAGE TRANSCODING VIDEO ORIGINATION & PACKAGING VIDEO PERSONALIZATION & MONETIZATION VIDEO PROCESSING & DELIVERY VIDEO STREAMING ANALYSIS  MIGRATION & TRANSFER	 SATELLITE SATELLITE OPERATIONS  SECURITY, IDENTITY, & COMPLIANCE ACCESS CONTROL ASSESSMENT & REPORTING BUSINESS CASE ANALYSIS
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Remote Working & Business Continuity

Remote Learning & Teaching

Virtual Contact Center & Chat Bot

Scale Critical High Volume Websites and Applications

BLOCKCHAIN TEMPLATES LEDGER DATABASE MANAGED BLOCKCHAIN  CUSTOMER ENGAGEMENT CONTACT CENTER EMAIL TARGETING USER ENGAGEMENT ACROSS CHANNELS	 BUILD & TEST CONTAINERS DEVOPS RESOURCE MANAGEMENT ONE-CLICK APP DEVELOPMENT PATCHING PIPELINE ORCHESTRATION RESOURCE TEMPLATES TRIGGERS	 DEVICE SDK DEVICE SHADOWS EVENT DETECTION & RESPONSE LOCAL COMPUTE LOCAL DATA COLLECTION MANAGEMENT & SECURITY MICROCONTROLLER OPERATING SYSTEM REGISTRY VISUAL APPLICATIONS DEVELOPMENT	MANAGE RESOURCES  MARKETPLACE ANALYTICS DATA PRODUCTS DATABASES DEVOPS IOT MACHINE LEARNING NETWORKING OPERATING SYSTEMS SECURITY STORAGE	 NETWORKING HUB PRIVATE CONNECTION TO APPS SCALE VPC & ACCOUNT CONNECTIONS SERVICE DISCOVERY VIRTUAL PRIVATE CLOUD  ROBOTICS CLOUD ROBOTICS	ENTERPRISE SUPPORT EXPERTS MARKETPLACE OPTIMIZATION GUIDANCE PARTNER ECOSYSTEMS PROFESSIONAL SERVICES SECURITY & BILLING REPORTS SOLUTIONS MANAGEMENT TRAINING & CERTIFICATION
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COVID-19 Research and Development: Public data lake and 3rd party data sets

Cities powered by the cloud: Connected & Resilient

1. Breadth and Depth
2. Modernization
3. Data at Scale
4. Machine Learning
5. Breaking through barriers
6. Leadership





Thank you!

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