LATEX Style for AMS Service and Resource Icons

Glen Newton glen.newton@gmail.com

April 15, 2021

Contents

1	What is this?	1
2	How to use it?	2 3
3	Sources	3
4	Resources	4
5	Services	19
A	Mapping of icon names to macros names	31
In	dex: General	32
In	dex: LaTeX Macros	43

1 What is this?

LATEX style (awsicons.sty) which allows you to use the AWS architectural icons in your LATEX documents.

The AWS SVG icons are converted to LATEX-compatible PDF form using Inkscape 1.0.1 (3bc2e813f5, 2020-09-07) using the purpose-written Go program aws2tex.

This Go program, aws2tex, creates:

- awsicons.sty file
- LATEX-compatible PDF versions of icons (and written to the icons_tex directory, using Inkscape).
- This document, which is to illustrate as well as index these icons and their corresponding LaTeX macros. **NB:** Not all icons are converted:
 - For *Resources*, only the Light versions. The Dark are omitted.
 - For Services, only the _64 versions. The lower resolution _16,_32,_48 are omitted.

For instructions on how to generate this document with *all* icons, please see the instructions in the README.md at the github repo.

This document is: https://github.com/gnewton/awsArchIcons2LaTeX/awsAllIcons.pdf

This document also includes hyperlinks to Google searches of the titles of each icon.

2 How to use it?

There are two parts:

- 1. awsicons.sty file
- 2. directory with all of the icons rendered into LATEX compatible form (in the repo, this is: icons_tex).

All you need to do is use the package to your LaTeX document using \usepackage (after having added the awsicons.sty file to where LaTeX can see it, or put it in the same directory as your document) AND add the directory containing all the generated icons to the \graphicspath{...}.

For example:

```
% preamble
\usepackage{awsicons}
\graphicspath{../icons_tex/}
% after \begin{document}
Here is a 1cm API Gateway:
%\RAPIGatewayEndpoint{1cm}
Here is a 3cm Lambda function:
\RLambdaLambdaFunc{3cm}
```

Resulting in:

Here is a 1cm API Gateway:



Here is a 3cm Lambda function:



[Without the gray background]

2.1 Examples

There are more complex examples in the examples directory, including one which recreates an AWS Architecture blog diagram.

- Simple example
- AWS Architecture blog diagram: Building a Controlled Environment Agriculture Platform¹, by Ashu Joshi, 2020.12.22.

3 Sources

The AWS Architecture icons used here are from https://aws.amazon.com/architecture/icons/. The specific assets package used: assets/AWS-Architecture-Assets-For-Light-and-Dark-BG_20200911.478ff0 5b80f909792f7853b1a28de8e28eac67f4.zip

© Glen Newton 2020

Icons in this document (I believe) are: ② Amazon Web Services (AWS)

¹https://aws.amazon.com/blogs/architecture/building-a-controlled-environment-agriculture-platform/

4 Resources



API Gateway: Endpoint

 $Res_Amazon-API-Gateway_Endpoint_48_Light.pdf$

Macro: \RAPIGatewayEndpoint



App Mesh Mesh

 $Res_AWS-App-Mesh_Mesh_48_Light.pdf$

Macro: \RAppMeshMesh



App Mesh Virtual Node

 $Res_AWS-App-Mesh-Virtual-Node_48_Light.pdf$

Macro: \RAppMeshVirtNode



App Mesh Virtual Router

 $Res_AWS-App-Mesh-Virtual-Router_48_Light.pdf$

Macro: \RAppMeshVirtRouter



App Mesh Virtual Service

 $Res_AWS-App-Mesh-Virtual-Service_48_Light.pdf$

Macro: \RAppMeshVirtSvc



App Mesh: Virtual Gateway

Res_App-Mesh_Virtual-Gateway_48_Light.pdf

Macro: \RAppMeshVirtGateway



Aurora: Amazon Aurora Instance alternate

Res_Amazon-Aurora_Amazon-Aurora-Instance-

alternate_48_Light.pdf

 $Macro: \ \backslash RAurAurInstalternate$



Aurora: Amazon RDS Instance

Res_Amazon-Aurora_Amazon-RDS-

Instance_48_Light.pdf

Macro: \RAurRDSInst



Aurora: Amazon RDS Instance Alternate

 $Res_Amazon-Aurora_Amazon-RDS-Instance-$

Aternate_48_Light.pdf

Macro: \RAurRDSInstAltern



Aurora: Instance

Res_Amazon-Aurora-Instance_48_Light.pdf

Macro: \RAurInst



Aurora: MariaDB Instance

Res_Amazon-Aurora-MariaDB-

Instance_48_Light.pdf

Macro: \RAurMariaDBInst



Aurora: MariaDB Instance Alternate

Res_Amazon-Aurora-MariaDB-Instance-

Alternate_48_Light.pdf

Macro: \RAurMariaDBInstAltern



Aurora: MySQL Instance

Res_Amazon-Aurora-MySQL-Instance_48_Light.pdf

Macro: \RAurMySQLInst



Aurora: MySQL Instance Alternate

Res_Amazon-Aurora-MySQL-Instance-

Alternate_48_Light.pdf



Aurora: Oracle Instance

 $Res_Amazon-Aurora-Oracle-Instance_48_Light.pdf$

Macro: \RAurOracleInst



Aurora: Oracle Instance Alternate

Res_Amazon-Aurora-Oracle-Instance-

Alternate_48_Light.pdf

 $Macro: \ \backslash RAurOracleInstAltern$



Aurora: PIOPS

Res_Amazon-Aurora-PIOPS_48_Light.pdf

Macro: \RAurPIOPS



Aurora: PostgreSQL Instance

Res_Amazon-Aurora-PostgreSQL-

Instance_48_Light.pdf

Macro: \RAurPostgreSQLInst



Aurora: PostgreSQL Instance Alternate

 $Res_Amazon-Aurora-Postgre SQL-Instance-\\$

Alternate_48_Light.pdf

Macro: \RAurPostgreSQLInstAltern



Aurora: SQL Server Instance

Res_Amazon-Aurora-SQL-Server-

Instance_48_Light.pdf

 $Macro: \ \backslash RAurSQLServerInst$



Aurora: SQL Server Instance Alternate

 $Res_Amazon-Aurora-SQL-Server-Instance-$

Alternate_48_Light.pdf

Macro: \RAurSQLServerInstAltern



Certificate Manager: Certificate Authority

Res_AWS-Certificate-Manager_Certificate-

Authority_48_Light.pdf

 $Macro: \ \backslash RCertManCertAuth$



Cloud Map Namespace

Res_AWS-Cloud-Map-Namespace_48_Light.pdf

Macro: \RCloudMapNamespace



Cloud Map Resource

 $Res_AWS\text{-}Cloud\text{-}Map\text{-}Resource_48_Light.pdf$

Macro: \RCloudMapRes



Cloud Map: Service

 $Res_AWS\text{-}Cloud\text{-}Map_Service_48_Light.pdf$

Macro: \RCloudMapSvc



Cloud9: Cloud9

 $Res_AWS\text{-}Cloud9_Cloud9_48_Light.pdf$

Macro: \RCloudNineCloudNine



CloudFormation: Change Set

 $Res_AWS-CloudFormation_Change-Set_48_Light.pdf$

Macro: \RCloudFormChangeSet



CloudFormation: Stack

 $Res_AWS\text{-}CloudFormation_Stack_48_Light.pdf$

Macro: \RCloudFormStack



CloudFormation: Template

Res_AWS-CloudFormation_Template_48_Light.pdf

Macro: \RCloudFormTemplate



CloudFront: Download Distribution

 $Res_Amazon\text{-}CloudFront_Download-$

Distribution_48_Light.pdf

Macro: \RCloudFrontDownloadDistr



CloudFront: Edge Location

 $Res_Amazon-CloudFront_Edge-$

Location_48_Light.pdf

Macro: \RCloudFrontEdgeLocation



CloudFront: Streaming Distribution

Res_Amazon-CloudFront_Streaming-

Distribution_48_Light.pdf

Macro: \RCloudFrontStreamingDistr



CloudSearch: Search Documents

 $Res_Amazon\text{-}CloudSearch_Search-$

Documents_48_Light.pdf

Macro: \RCloudSearchSearchDocuments



Cloudwatch: Alarm

 $Res_Amazon-Cloudwatch_Alarm_48_Light.pdf$

Macro: \RCloudwatchAlarm



Cloudwatch: Event Based

Res_Amazon-Cloudwatch_Event-Based_48_Light.pdf

Macro: \RCloudwatchEventBased



Cloudwatch: Event Time Based

Res_Amazon-Cloudwatch_Event-Time-

Based_48_Light.pdf

Macro: \RCloudwatchEventTimeBased



DynamoDB: Amazon DynamoDB Accelerator

Res_Amazon-DynamoDB_Amazon-DynamoDB-

Accelerator_48_Light.pdf

Macro: \RDDBDDBAccelerator



Cloudwatch: Logs

Res_Cloudwatch_Logs_48_Light.pdf

Macro: \RCloudwatchLogs



DynamoDB: Attribute

Res_Amazon-DynamoDB_Attribute_48_Light.pdf

Macro: \RDDBAtt



Cloudwatch: Rule

Res_Amazon-Cloudwatch_Rule_48_Light.pdf

Macro: \RCloudwatchRule



DynamoDB: Attributes

Res_Amazon-DynamoDB_Attributes_48_Light.pdf

Macro: \RDDBAtts



Database Migration Service: Database migration workflow job

Res_AWS-Database-Migration-Service_Database-

migration-workflow-job_48_Light.pdf

Macro: \RDBMigratSvcDBmigrationworkflowjob



DynamoDB: Global secondary index

Res_Amazon-DynamoDB_Global-secondary-

index_48_Light.pdf

Macro: \RDDBGlblsecondaryindex



Datasync: Agent

Res_AWS-Datasync_Agent_48_Light.pdf

Macro: \RDatasyncAgent



DynamoDB: Item

Res_Amazon-DynamoDB_Item_48_Light.pdf

Macro: \RDDBItem



Direct Connect Gateway

Res_AWS-Direct-Connect-Gateway_48_Light.pdf

Macro: \RDirectConnectGateway



 $\neg \Box$

DvnamoDB: Items

Res_Amazon-DynamoDB_Items_48_Light.pdf

Macro: \RDDBItems



Directory Service: AD Connector

Res_AWS-Directory-Service_AD-

Connector_48_Light.pdf

Macro: \RDirSvcADConnector



DvnamoDB: Table

Res_Amazon-DynamoDB_Table_48_Light.pdf

Macro: \RDDBTable



Directory Service: AWS Managed Microsoft AD

Res_AWS-Directory-Service_AWS-Managed-

Microsoft-AD_48_Light.pdf Macro: \RDirSvcMngdMSAD



EC2: A1 Instance

Res_Amazon-EC2_A1-Instance_48_Light.pdf

Macro: \RECTwoAOneInst



Directory Service: Simple AD

Res_AWS-Directory-Service_Simple-AD_48_Light.pdf

Macro: \RDirSvcSimpleAD



EC2: AMI: Resource

 $Res_Amazon-EC2_AMI_Resource_48_Light.pdf$

Macro: \RECTwoAMIRes



EC2: AWS Inferentia

Res_Amazon-EC2_AWS-Inferentia_48_Light.pdf Macro: \RECTwoInferentia



EC2: Auto Scaling

Res_Amazon-EC2_Auto-Scaling_48_Light.pdf Macro: \RECTwoAutoScaling



EC2: C4 Instance

Res_Amazon-EC2_C4-Instance_48_Light.pdf Macro: \RECTwoCFourInst



EC2: C5 Instance

 $Res_Amazon-EC2_C5-Instance_48_Light.pdf$ Macro: \RECTwoCFiveInst



EC2: C5n Instance

Res_Amazon-EC2_C5n-Instance_48_Light.pdf Macro: \RECTwoCFivenInst



EC2: C6g Instance

Res_Amazon-EC2_C6g-Instance_48_Light.pdf Macro: \RECTwoCSixgInst



EC2: D2 Instance

Res_Amazon-EC2_D2-Instance_48_Light.pdf Macro: \RECTwoDTwoInst



EC2: DB Instance

Res_Amazon-EC2_DB-Instance_48_Light.pdf Macro: \RECTwoDBInst



EC2: Elastic IP Address

Res_Amazon-EC2_Elastic-IP-Address_48_Light.pdf Macro: \RECTwoElasticIPAddress



EC2: F1 Instance

 $Res_Amazon-EC2_F1-Instance_48_Light.pdf$ Macro: \RECTwoFOneInst



EC2: G3 Instance

Res_Amazon-EC2_G3-Instance_48_Light.pdf Macro: \RECTwoGThreeInst



EC2: H1 Instance

Res_Amazon-EC2_H1-Instance_48_Light.pdf Macro: \RECTwoHOneInst



EC2: HMI Instance

 $Res_Amazon-EC2_HMI-Instance_48_Light.pdf$ Macro: \RECTwoHMIInst



EC2: I3 Instance

Res_Amazon-EC2_I3-Instance_48_Light.pdf Macro: \RECTwoIThreeInst



EC2: Instance

Res_Amazon-EC2_Instance_48_Light.pdf Macro: \RECTwoInst



EC2: Instance with CloudWatch

Res_Amazon-EC2_Instance-with-CloudWatch_48_Light.pdf Macro: \RECTwoInstwithCloudWatch



EC2: Instances

Res_Amazon-EC2_Instances_48_Light.pdf Macro: \RECTwoInsts



EC2: M4 Instance

Res_Amazon-EC2_M4-Instance_48_Light.pdf Macro: \RECTwoMFourInst



EC2: M5 Instance

 $Res_Amazon-EC2_M5-Instance_48_Light.pdf$ Macro: \RECTwoMFiveInst



EC2: M5a Instance

 $Res_Amazon-EC2_M5a-Instance_48_Light.pdf$ Macro: \RECTwoMFiveaInst



EC2: M5n Instance



EC2: M6g Instance

Res_Amazon-EC2_M6g-Instance_48_Light.pdf Macro: \RECTwoMSixgInst



EC2: P2 Instance

Res_Amazon-EC2_P2-Instance_48_Light.pdf Macro: \RECTwoPTwoInst



EC2: P3 Instance



EC2: R4 Instance

Res_Amazon-EC2_R4-Instance_48_Light.pdf Macro: \RECTwoRFourInst



EC2: R5 Instance

Res_Amazon-EC2_R5-Instance_48_Light.pdf Macro: \RECTwoRFiveInst



EC2: R5a Instance

Res_Amazon-EC2_R5a-Instance_48_Light.pdf Macro: \RECTwoRFiveaInst



EC2: R5n Instance

Res_Amazon-EC2_R5n-Instance_48_Light.pdf Macro: \RECTwoRFivenInst



EC2: R6g Instance



EC2: Rescue

Res_Amazon-EC2_Rescue_48_Light.pdf Macro: \RECTwoRescue



EC2: Spot Instance



EC2: T2 Instance

Res_Amazon-EC2_T2-Instance_48_Light.pdf Macro: \RECTwoTTwoInst



EC2: T3 Instance



EC2: X1 Instance

 $Res_Amazon-EC2_X1-Instance_48_Light.pdf\\ Macro: \ \ \ \ \\ RECTwoXOneInst$



EC2: X1e Instance



EC2: z1d Instance

Res_Amazon-EC2_z1d-Instance_48_Light.pdf Macro: \RECTwozOnedInst



EMR: Cluster



EMR: EMR Engine

Res_Amazon-EMR_EMR-Engine_48_Light.pdf Macro: \REMREMREngine



EMR: EMR Engine MapR M3

 $Res_Amazon-EMR_EMR-Engine-MapR-M3_48_Light.pdf$

 $Macro: \ \backslash REMREMREngineMapRMThree$



EMR: EMR Engine MapR M5

Res_Amazon-EMR_EMR-Engine-MapR-M5_48_Light.pdf

Macro: \REMREMREngineMapRMFive



EMR: EMR Engine MapR M7

Res_Amazon-EMR_EMR-Engine-MapR-

M7_48_Light.pdf

Macro: \REMREMREngineMapRMSeven



EMR: HDFS Cluster

Res_Amazon-EMR_HDFS-Cluster_48_Light.pdf

Macro: \REMRHDFSCluster



ElastiCache: Cache Node

Res_Amazon-ElastiCache_Cache-Node_48_Light.pdf

Macro: \RElastiCacheCacheNode



ElastiCache: ElastiCache for Memcached

Res_Amazon-ElastiCache_ElastiCache-for-

Memcached_48_Light.pdf

Macro: \RElastiCacheElastiCacheforMemcached



ElastiCache: ElastiCache for Redis

Res_Amazon-ElastiCache_ElastiCache-for-

Redis_48_Light.pdf

Macro: \RElastiCacheElastiCacheforRedis



Elastic Beanstalk: Application

Res_Amazon-Elastic-Beanstalk_Application_48_Light.pdf

Macro: \REBApp



Elastic Beanstalk: Deployment

Res_Amazon-Elastic-Beanstalk_Deployment_48_Light.pdf

Macro: \REBDeployment



Elastic Block Store: Multiple Volumes

Res_Amazon-Elastic-Block-Store_Multiple-

Volumes_48_Light.pdf Macro: \REBSMultVols



Elastic Block Store: Snapshot

Res_Amazon-Elastic-Block-Store_Snapshot_48_Light.pdf

Macro: \REBSSnapshot



Elastic Block Store: Volume

Res_Amazon-Elastic-Block-Store_Volume_48_Light.pdf

Macro: \REBSVol



Elastic Container Registry: Image

Res_Amazon-Elastic-Container-Registry_Image_48_Light.pdf

Macro: \RECRImg



Elastic Container Registry: Registry

Res_Amazon-Elastic-Container-Registry_Registry_48_Light.pdf

Macro: \RECRReg



Elastic Container Service: Container 1

Res_Amazon-Elastic-Container-Service_Container-

1_48_Light.pdf

Macro: \RECSContainerOne



Elastic Container Service: Container 2

Res_Amazon-Elastic-Container-Service_Container-

 2_48 Light.pdf

Macro: \RECSContainerTwo



Elastic Container Service: Container 3

Res_Amazon-Elastic-Container-Service_Container-

3_48_Light.pdf

Macro: \RECSContainerThree



Elastic Container Service: Service

Res_Amazon-Elastic-Container-Service_Service_48_Light.pdf

Macro: \RECSSvc





Elastic Container Service: Task

Res_Amazon-Elastic-Container-Service_Task_48_Light.pdf Macro: \RECSTask



EventBridge: Custom Event Bus

Res_Amazon-EventBridge_Custom-Event-

Bus_48_Light.pdf

Macro: \REvBrCustomEventBus



Elastic File System: File System

Res_Amazon-Elastic-File-System_File-System_48_Light.pdf

Macro: \REFSFileSystem





Elastic Load Balancing: Application Load Balancer

Res_Elastic-Load-Balancing_Application-Load-

Balancer_48_Light.pdf Macro: \RELBAppLB



Elastic Load Balancing: Classic Load Balancer

Res_Elastic-Load-Balancing_Classic-Load-

Balancer_48_Light.pdf Macro: \RELBClassicLB



Elastic Load Balancing: Network Load Balancer

Res_Elastic-Load-Balancing_Network-Load-

Balancer_48_Light.pdf Macro: \RELBNetworkLB



Email

Res_Email_48_Light.pdf Macro: \REmail



EventBridge Event

Res_Amazon-EventBridge-Event_48_Light.pdf

Macro: \REvBrEvent



EventBridge Rule

Res_Amazon-EventBridge-Rule_48_Light.pdf

Macro: \REvBrRule



EventBridge Saas Partner Event

Res_Amazon-EventBridge-Saas-Partner-

Event_48_Light.pdf

Macro: \REvBrSaasPartnerEvent



EventBridge: Default Event Bus

Res_Amazon-EventBridge_Default-Event-

Bus_48_Light.pdf

Macro: \REvBrDfltEventBus



Firewall

Res_Firewall_48_Light.pdf

Macro: \RFirewall



Glue: Crawler

Res_AWS-Glue_Crawler_48_Light.pdf

Macro: \RGlueCrawler



Glue: Data Catalog

Res_AWS-Glue_Data-Catalog_48_Light.pdf

Macro: \RGlueDataCatalog



Identity Access Management: AWS IAM Access

Analyzer

 $Res_AWS\text{-}Identity\text{-}Access\text{-}Management_AWS\text{-}IAM\text{-}$

Access-Analyzer_48_Light.pdf Macro: \RIAMIAMAccessAnalyzer



Identity Access Management: AWS STS

Res_AWS-Identity-Access-Management_AWS-

STS_48_Light.pdf Macro: \RIAMSTS



Identity Access Management: AWS STS Alternate

Res_AWS-Identity-Access-Management_AWS-STS-Alternate_48_Light.pdf

Macro: \RIAMSTSAltern



Identity Access Management: Add on

Res_AWS-Identity-Access-Management_Addon_48_Light.pdf Macro: \RIAMAddon



Identity Access Management: Data Encryption Key

Res_AWS-Identity-Access-Management_Data-

Encryption-Key_48_Light.pdf Macro: \RIAMDataEncrKey



Identity Access Management: Encrypted Data

Res_AWS-Identity-Access-Management_Encrypted-

Data_48_Light.pdf

Macro: \RIAMEncrdData



Identity Access Management: Long Term Security Credential

Res_AWS-Identity-Access-Management_Long-Term-

Security-Credential_48_Light.pdf Macro: \RIAMLongTermSecCred



Identity Access Management: MFA Token

Res_AWS-Identity-Access-Management_MFA-

Token_48_Light.pdf

Macro: \RIAMMFAToken



Identity Access Management: Permissions

Res_AWS-Identity-Access-

Management_Permissions_48_Light.pdf

Macro: \RIAMPermissions



Identity Access Management: Role

Res_AWS-Identity-Access-

Management_Role_48_Light.pdf

Macro: \RIAMRole



Identity Access Management: Temporary Security Credential

Res_AWS-Identity-Access-Management_Temporary-

Security-Credential_48_Light.pdf Macro: \RIAMTemporarySecCred



Inspector: Agent

Res_Amazon-Inspector_Agent_48_Light.pdf

Macro: \RInspectorAgent



IoT Analytics: Channel

Res_AWS-IoT-Analytics_Channel_48_Light.pdf

Macro: \RIoTAnalyticsChannel



IoT Analytics: Data Set

Res_AWS-IoT-Analytics_Data-Set_48_Light.pdf

Macro: \RIoTAnalyticsDataSet



IoT Analytics: Data Store

Res_AWS-IoT-Analytics_Data-Store_48_Light.pdf

Macro: \RIoTAnalyticsDataStore



IoT Analytics: Notebook

Res_AWS-IoT-Analytics_Notebook_48_Light.pdf

Macro: \RIoTAnalyticsNotebook



IoT Analytics: Pipeline

Res_AWS-IoT-Analytics_Pipeline_48_Light.pdf

Macro: \RIoTAnalyticsPipeline



IoT Device Defender: IoT Device Jobs

Res_AWS-loT-Device-Defender_IoT-Device-

Jobs_48_Light.pdf

Macro: \RIoTDevDefenderIoTDevJobs



IoT Greengrass: Connector

Res_AWS-IoT-Greengrass_Connector_48_Light.pdf

Macro: \RIoTGreengrassConnector



IoT HTTP: Protocol

Res_IoT-HTTP_Protocol_48_Light.pdf

Macro: \RIoTHTTPProtocol



IoT Hardware Board

Res_IoT-Hardware-Board_48_Light.pdf

Macro: \RIoTHardwareBoard



IoT MQTT: Protocol

 $Res_IoT-MQTT_Protocol_48_Light.pdf$

Macro: \RIoTMQTTProtocol



IoT Rule

Res_IoT-Rule_48_Light.pdf Macro: \RIoTRule



IoT Thing: Bank

Res_IoT-Thing_Bank_48_Light.pdf

Macro: \RIoTThngBank



IoT Thing: Bicycle

Res_IoT-Thing_Bicycle_48_Light.pdf

Macro: \RIoTThngBicycle



IoT Thing: Camera

Res_IoT-Thing_Camera_48_Light.pdf

Macro: \RIoTThngCamera



IoT Thing: Car

 $Res_IoT\text{-}Thing_Car_48_Light.pdf$

Macro: \RIoTThngCar



IoT Thing: Cart

Res_IoT-Thing_Cart_48_Light.pdf

Macro: \RIoTThngCart



IoT Thing: Coffee Pot

Res_IoT-Thing_Coffee-Pot_48_Light.pdf

Macro: \RIoTThngCoffeePot



IoT Thing: Door Lock

Res_IoT-Thing_Door-Lock_48_Light.pdf

Macro: \RIoTThngDoorLock



IoT Thing: Factory

Res_IoT-Thing_Factory_48_Light.pdf

Macro: \RIoTThngFactory



IoT Thing: Generic

Res_IoT-Thing_Generic_48_Light.pdf

Macro: \RIoTThngGeneric



IoT Thing: House

Res_IoT-Thing_House_48_Light.pdf

Macro: \RIoTThngHouse



IoT Thing: Lightbulb

Res_IoT-Thing_Lightbulb_48_Light.pdf

Macro: \RIoTThngLightbulb



IoT Thing: Medical Emergency

Res_IoT-Thing_Medical-Emergency_48_Light.pdf

Macro: \RIoTThngMedEmerg



IoT Thing: Police Emergency

Res_IoT-Thing_Police-Emergency_48_Light.pdf

Macro: \RIoTThngPoliceEmerg



IoT Thing: Thermostat

Res_IoT-Thing_Thermostat_48_Light.pdf

Macro: \RIoTThngThermostat



IoT Thing: Travel

Res_IoT-Thing_Travel_48_Light.pdf

Macro: \RIoTThngTravel



IoT Thing: Utility

Res_IoT-Thing_Utility_48_Light.pdf

Macro: \RIoTThngUtility



IoT Thing: Windfarm

Res_IoT-Thing_Windfarm_48_Light.pdf

Macro: \RIoTThngWindfarm



IoT: Action

Res_IoT_Action_48_Light.pdf

Macro: \RIoTAction



IoT: Actuator

 $Res_IoT_Actuator_48_Light.pdf$

Macro: \RIoTActuator



IoT: Alexa: Enabled Device

 $Res_IoT_Alexa_Enabled-Device_48_Light.pdf$

Macro: \RIoTAlexaEnabledDev



IoT: Alexa: Skill

Res_IoT_Alexa_Skill_48_Light.pdf

Macro: \RIoTAlexaSkill



IoT: Alexa: Voice Service

 $Res_IoT_Alexa_Voice-Service_48_Light.pdf$

Macro: \RIoTAlexaVoiceSvc



IoT: Certificate

Res_IoT_Certificate_48_Light.pdf

Macro: \RIoTCert



IoT: Desired State

Res_IoT_Desired-State_48_Light.pdf

Macro: \RIoTDesiredState



IoT: Device Gateway

 $Res_IoT_Device-Gateway_48_Light.pdf$

Macro: \RIoTDevGateway



IoT: Echo

Res_IoT_Echo_48_Light.pdf

Macro: \RIoTEcho



IoT: Fire TV: Stick

 $Res_IoT_Fire-TV_Stick_48_Light.pdf$

Macro: \RIoTFireTVStick



IoT: Fire: TV

Res_IoT_Fire_TV_48_Light.pdf

Macro: \RIoTFireTV



IoT: HTTP2 Protocol

 $Res_IoT_HTTP2-Protocol_48_Light.pdf$

 $Macro: \ \backslash RIoTHTTPTwoProtocol$



IoT: Lambda: Function

Res_IoT_Lambda_Function_48_Light.pdf

Macro: \RIoTLambdaFunc



IoT: Over Air Update

Res_IoT_Over-Air-Update_48_Light.pdf

Macro: \RIoTOverAirUpdate



IoT: Policy

 $Res_IoT_Policy_48_Light.pdf$

Macro: \RIoTPolicy



IoT: Reported State

 $Res_IoT_Reported-State_48_Light.pdf$

Macro: \RIoTReportedState



IoT: Sensor

Res_IoT_Sensor_48_Light.pdf

Macro: \RIoTSensor



IoT: Servo

 $Res_IoT_Servo_48_Light.pdf$

Macro: \RIoTServo



IoT: Shadow

 $Res_IoT_Shadow_48_Light.pdf$

Macro: \RIoTShadow



IoT: Simulator

Res_IoT_Simulator_48_Light.pdf

Macro: \RIoTSimulator



IoT: Topic

 $Res_IoT_Topic_48_Light.pdf$

Macro: \RIoTTopic



Lake Formation: Data Lake

 $Res_AWS-Lake-Formation_Data-Lake_48_Light.pdf$

Macro: \RLakeFormationDataLake



Lambda: Lambda Function

Res_Amazon-Lambda_Lambda-Function_48_Light.pdf

Macro: \RLambdaLambdaFunc



Managed Blockchain: Blockchain

 $Res_Amazon-Managed-$



OpsWorks: Apps

Res_AWS-OpsWorks_Apps_48_Light.pdf

Macro: \ROpWkApps



OpsWorks: Deployments

 $Res_AWS-OpsWorks_Deployments_48_Light.pdf$

Macro: \ROpWkDeployments



OpsWorks: Instances

 $Res_AWS-OpsWorks_Instances_48_Light.pdf$

Macro: \ROpWkInsts



OpsWorks: Layers

 $Res_AWS-OpsWorks_Layers_48_Light.pdf$

Macro: \ROpWkLayers



OpsWorks: Monitoring

Res_AWS-OpsWorks-Monitoring_48_Light.pdf

Macro: \ROpWkMonitoring



OpsWorks: Permissions

Res_AWS-OpsWorks_Permissions_48_Light.pdf

Macro: \ROpWkPermissions



OpsWorks: Resources

 $Res_AWS-OpsWorks_Resources_48_Light.pdf$

Macro: \ROpWkRess



OpsWorks: Stack2

Res_AWS-OpsWorks-Stack2_48_Light.pdf

Macro: \ROpWkStackTwo



Organizations: Account

Res_AWS-Organizations_Account_48_Light.pdf

Macro: \ROrganizationsAccount



Organizations: Organizational Unit

 $Res_AWS-Organizations_Organizational-$

Unit_48_Light.pdf

Macro: \ROrganizationsOrgUnit



RDS Proxy

 $Res_Amazon-RDS-Proxy_48_Light.pdf$

Macro: \RRDSProxy



RDS Proxy Alternate

Res_Amazon-RDS-Proxy-Alternate_48_Light.pdf

Macro: \RRDSProxyAltern



Redshift: Dense Compute Node

 $Res_Amazon-Redshift_Dense-Compute-$

Node_48_Light.pdf

 $Macro: \ \backslash RRedshiftDenseCmputNode$



Redshift: Dense Storage Node

 $Res_Amazon-Redshift_Dense-Storage-$

 $Node_48_Light.pdf$

Macro: \RRedshiftDenseStorageNode



Rekognition: Image

Res_Amazon-Rekognition_Image_48_Light.pdf

Macro: \RRekognitionImg



Rekognition: Video

 $Res_Amazon-Rekognition_Video_48_Light.pdf$

Macro: \RRekognitionVideo



S3: Bucket

Res_Amazon-Simple-Storage_Bucket_48_Light.pdf

Macro: \RSThreeBkt



RoboMaker: Cloud Extensions ROS

Res_AWS-RoboMaker_Cloud-Extensions-

ROS_48_Light.pdf

Macro: \RRoboMakerCloudExtensionsROS



S3: Bucket With Objects

Res_Amazon-Simple-Storage_Bucket-With-

Objects_48_Light.pdf

Macro: \RSThreeBktWithObjs



RoboMaker: Development Environment

 $Res_AWS-RoboMaker_Development-$

Environment_48_Light.pdf

Macro: \RRoboMakerDevEnvironment



S3: General Access Points

 $Res_Amazon-Simple-Storage_General-Access-$

Points_48_Light.pdf

Macro: \RSThreeGenAccessPts



RoboMaker: Fleet Management

Res_AWS-RoboMaker_Fleet-Management_48_Light.pdf

 $Macro: \ \ \backslash RRoboMakerFleetManagement$



S3: Object

Res_Amazon-Simple-Storage_Object_48_Light.pdf

Macro: \RSThreeObj



RoboMaker: Simulation

Res_AWS-RoboMaker_Simulation_48_Light.pdf

Macro: \RRoboMakerSimul



S3: S3 Replication

Res_AWS-Amazon-Simple-Storage_S3-

Replication_48_Light.pdf Macro: \RSThreeRepli



Route 53 Hosted Zone

 $Res_Amazon-Route-53-Hosted-Zone_48_Light.pdf$

Macro: \RRouteFiveThreeHostedZone



S3: S3 Replication Time Control

 $Res_AWS-Amazon-Simple-Storage_S3-Replication-$

Time-Control_48_Light.pdf

Macro: \RSThreeRepliTimeControl



Route 53: Route Table

 $Res_Amazon-Route-53_Route-Table_48_Light.pdf$

Macro: \RRouteFiveThreeRouteTable



S3: Service Glacier

 $Res_Amazon-Simple-Storage_Service-$

 $Glacier_48_Light.pdf$

Macro: \RSThreeSvcGlacier



S3 Glacier: Archive

 $Res_Amazon-S3-Glacier_Archive_48_Light.pdf$

Macro: \RSThreeGlacierArchv



S3: Service Glacier Deep Archive

 $Res_Amazon-Simple-Storage_Service-Glacier-Deep-Glacier-$

Archive_48_Light.pdf

Macro: \RSThreeSvcGlacierDeepArchv



S3 Glacier: Vault

 $Res_Amazon-S3-Glacier_Vault_48_Light.pdf$

Macro: \RSThreeGlacierVlt

Macro Index



S3: Service Intelligent Tiering

Res_Amazon-Simple-Storage_Service-Intelligent-Tiering_48_Light.pdf

Macro: \RSThreeSvcIntellTiering



S3: Service One Zone IA

Res_Amazon-Simple-Storage_Service-One-Zone-

IA_48_Light.pdf

Macro: \RSThreeSvcOneZoneIA



S3: Service Standard

Res_Amazon-Simple-Storage_Service-

Standard_48_Light.pdf

Macro: \RSThreeSvcStandard



S3: Service Standard IA

 $Res_Amazon-Simple-Storage_Service-Standard-$

IA_48_Light.pdf

Macro: \RSThreeSvcStandardIA



S3: VPC Access Points

Res_Amazon-Simple-Storage_VPC-Access-

Points_48_Light.pdf

Macro: \RSThreeVPCAccessPts



Sagemaker: Model

Res_Amazon-Sagemaker_Model_48_Light.pdf

Macro: \RSagemakerModel



Sagemaker: Notebook

 $Res_Amazon-Sagemaker_Notebook_48_Light.pdf$

Macro: \RSagemakerNotebook



Sagemaker: Train

 $Res_Amazon-Sagemaker_Train_48_Light.pdf$

Macro: \RSagemakerTrain



Security Hub: Finding

Res_AWS-Security-Hub_Finding_48_Light.pdf

Macro: \RSecHubFinding



Shield: AWS Shield Advanced

 $Res_AWS-Shield_AWS-Shield$

Advanced_48_Light.pdf

Macro: \RShieldShieldAdvanced



Simple Email Service: Email

Res_Amazon-Simple-Email-

Service_Email_48_Light.pdf

Macro: \RSimpleEmailSvcEmail



Simple Notification Service: Email Notification

Res_Amazon-Simple-Notification-Service_Email-

Notification_48_Light.pdf



Simple Notification Service: HTTP Notification

Res_Amazon-Simple-Notification-Service_HTTP-

Notification_48_Light.pdf

Macro: \RSimpleNotifSvcHTTPNotif



Simple Notification Service: Topic

Res_Amazon-Simple-Notification-Service_Topic_48_Light.pdf

Macro: \RSimpleNotifSvcTopic



Simple Queue Service: Message

Res_Amazon-Simple-Queue-Service_Message_48_Light.pdf

Macro: \RSQSMessage



Simple Queue Service: Queue

 $Res_Amazon-Simple-Queue-Service_Queue_48_Light.pdf$

Macro: \RSQSQueue



Snowball: Snowball Import Export

 $Res_AWS-Snowball_Snowball-Import-$

Export_48_Light.pdf

Macro: \RSnowballImportExport

CACHE

Storage Gateway: Cached Volume Res_AWS-Storage-Gateway_Cached-

Volume_48_Light.pdf

Macro: \RStorGatCachedVol



Storage Gateway: File Gateway

Res_AWS-Storage-Gateway_File-

Gateway_48_Light.pdf

Macro: \RStorGatFileGateway



Storage Gateway: Non Cached Volume

Res_AWS-Storage-Gateway_Non-Cached-

Volume_48_Light.pdf

Macro: \RStorGatNonCachedVol



Storage Gateway: Tape Gateway

Res_AWS-Storage-Gateway_Tape-

Gateway_48_Light.pdf

Macro: \RStorGatTapeGateway



Storage Gateway: Virtual Tape Library

Res_AWS-Storage-Gateway_Virtual-Tape-

 $Library_48_Light.pdf$

Macro: \RStorGatVirtTapeLibrary



Storage Gateway: Volume Gateway

Res_AWS-Storage-Gateway_Volume-

Gateway_48_Light.pdf

Macro: \RStorGatVolGateway



System Manager: Automation

Res_AWS-System-Manager_Automation_48_Light.pdf

Macro: \RSystemMngrAutomation



System Manager: Documents

Res_AWS-System-Manager_Documents_48_Light.pdf

Macro: \RSystemMngrDocuments



System Manager: Inventory

 $Res_AWS-System-Manager_Inventory_48_Light.pdf$

Macro: \RSystemMngrInventory



System Manager: Maintenance Windows

 $Res_AWS-System-Manager_Maintenance-$

Windows_48_Light.pdf

Macro: \RSystemMngrMaintenanceWindows



System Manager: OpsCenter

 $Res_AWS-System-Manager_OpsCenter_48_Light.pdf$

Macro: \RSystemMngrOpsCenter



System Manager: Parameter Store

Res_AWS-System-Manager_Parameter-

Store_48_Light.pdf

Macro: \RSystemMngrParameterStore



System Manager: Patch Manager

Res_AWS-System-Manager_Patch-

Manager_48_Light.pdf

Macro: \RSystemMngrPatchMngr



System Manager: Run Command

 $Res_AWS-System-Manager_Run-$

Command_48_Light.pdf

Macro: \RSystemMngrRunCommand



System Manager: State Manager

Res_AWS-System-Manager_State-

Manager_48_Light.pdf

Macro: \RSystemMngrStateMngr



Transfer Family: AWS FTP

Res_AWS-Transfer-Family_AWS-FTP_48_Light.pdf

Macro: \RTranFamFTP



Transfer Family: AWS FTPS

Res_AWS-Transfer-Family_AWS-FTPS_48_Light.pdf

Macro: \RTranFamFTPS



Transfer Family: AWS SFTP

Res_AWS-Transfer-Family_AWS-SFTP_48_Light.pdf

Macro: \RTranFamSFTP



Trusted Advisor: Checklist

Res_AWS-Trusted-Advisor_Checklist_48_Light.pdf Macro: \RTrusTAdvChecklist





Trusted Advisor: Checklist Cost

Res_AWS-Trusted-Advisor_Checklist-Cost_48_Light.pdf

Macro: \RTrusTAdvChecklistCost



Trusted Advisor: Checklist Fault Tolerant

 $Res_AWS-Trusted-Advisor_Checklist-Fault-$

Tolerant_48_Light.pdf

Macro: $\RTrusTAdvChecklistFaultTolerant$



Trusted Advisor: Checklist Performance

 $Res_AWS-Trusted-Advisor_Checklist-$

Performance_48_Light.pdf

Macro: \RTrusTAdvChecklistPerformance



Trusted Advisor: Checklist Security

 $Res_AWS-Trusted-Advisor_Checklist-$

Security_48_Light.pdf



VPC: Customer Gateway

Res_Amazon-VPC_Customer-Gateway_48_Light.pdf

Macro: \RVPCCustomerGateway



VPC: Elastic Network Adapter

 $Res_Amazon-VPC_Elastic-Network-$

Adapter_48_Light.pdf Macro: \RVPCENA



VPC: Elastic Network Interface

 $Res_Amazon-VPC_Elastic-Network-$

Interface_48_Light.pdf Macro: \RVPCENI



VPC: Endpoints

Res_Amazon-VPC_Endpoints_48_Light.pdf

Macro: \RVPCEndpoints



VPC: Flow Logs

 $Res_Amazon-VPC_Flow-Logs_48_Light.pdf$

Macro: \RVPCFlowLogs



VPC: Internet Gateway

 $Res_Amazon-VPC_Internet-Gateway_48_Light.pdf$

Macro: \RVPCInternetGateway



VPC: NAT Gateway

Res_Amazon-VPC_NAT-Gateway_48_Light.pdf

Macro: \RVPCNATGateway



VPC: Network Access Control List

 $Res_Amazon-VPC_Network-Access-Control-$

 $List_48_Light.pdf$

Macro: \RVPCNetworkAccessControlList



VPC: Peering Connection

 $Res_Amazon-VPC_Peering-Connection_48_Light.pdf$

Macro: \RVPCPeeringConnection



VPC: Router

Res_Amazon-VPC_Router_48_Light.pdf

Macro: \RVPCRouter



VPC: Traffic Mirroring

 $Res_Amazon-VPC_Traffic-Mirroring_48_Light.pdf$

Macro: \RVPCTrafficMirroring



VPC: VPN Connection

Res_Amazon-VPC_VPN-Connection_48_Light.pdf

Macro: \RVPCVPNConnection



VPC: VPN Gateway

Res_Amazon-VPC_VPN-Gateway_48_Light.pdf

Macro: \RVPCVPNGateway



WAF: Filtering Rule

 $Res_AWS-WAF_Filtering-Rule_48_Light.pdf$

Macro: \RWAFFilteringRule

5 Services



API Gateway

Arch_Amazon-API-Gateway_64.pdf

Macro: \AAPIGateway



Alexa For Business

Arch_Alexa-For-Business_64.pdf Macro: \AAlexa-ForBusiness



Amplify Console

Arch_AWS-Amplify-Console_64.pdf Macro: \AAmplifyConsole



Apache MXNet



App Config

Arch_AWS-App-Config_64.pdf Macro: \AAppConfig



App Mesh

 $\begin{array}{l} Arch_AWS-App-Mesh_64.pdf \\ Macro: \ \ \backslash AAppMesh \end{array}$



App Stream

Arch_Amazon-App-Stream_64.pdf Macro: \AAppStream

Macro. \AAppstream



App Wizard

Arch_AWS-App-Wizard_64.pdf Macro: \AAppWizard

(&)

AppSync

Arch_AWS-AppSync_64.pdf Macro: \AAppSync **↑ ↓ ↓**

Application Auto Scaling



Application Discovery Service

Arch_AWS-Application-Discovery-Service_64.pdf

Macro: \AADS



Artifact

Arch_AWS-Artifact_64.pdf Macro: \AArtifact



Athena

 $Arch_Amazon-Athena_64.pdf$

Macro: \AAthena



Augmented AI A2I

 $Arch_Amazon-Augmented-AI-A2I_64.pdf$

Macro: \AAugmentedAIATwoI



Aurora

Arch_Amazon-Aurora_64.pdf

Macro: \AAur



Auto Scaling

 $Arch_AWS-Auto-Scaling_64.pdf$

Macro: \AAutoScaling



Backint Agent

 $Arch_AWS\text{-}Backint\text{-}Agent_64.pdf$

Macro: \ABackintAgent



Backup

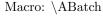
Arch_AWS-Backup_64.pdf

Macro: \ABackup



Batch

Arch_AWS-Batch_64.pdf





Bottlerocket

Arch_AWS-Bottlerocket_64.pdf Macro: \ABottlerocket



Braket

 $\begin{array}{l} Arch_AWS\text{-}Braket_64.pdf \\ Macro: \ \backslash ABraket \end{array}$



Budgets

Arch_AWS-Budgets_64.pdf Macro: \ABudgets



Certificate Manager

Arch_AWS-Certificate-Manager_64.pdf

Macro: \ACertMan



Chatbot

Arch_AWS-Chatbot_64.pdf Macro: \AChatbot



Chime

Arch_Amazon-Chime_64.pdf

Macro: \AChime



Cloud Development Kit

 $Arch_AWS\text{-}Cloud\text{-}Development\text{-}Kit_64.pdf$

Macro: \ACloudDevKit



Cloud Directory

Arch_Amazon-Cloud-Directory_64.pdf

Macro: \ACloudDir



Cloud Trail

Arch_AWS-Cloud-Trail_64.pdf

Macro: \ACloudTrail



Cloud9

Arch_AWS-Cloud9_64.pdf Macro: \ACloudNine



CloudEndure Disaster Recovery

Arch_AWS-CloudEndure-Disaster-Recovery_64.pdf

Macro: \ACloudEndureDisasterRecov



CloudEndure Migration

Arch_AWS-CloudEndure-Migration_64.pdf

Macro: \ACloudEndureMigrat



CloudFormation

Arch_AWS-CloudFormation_64.pdf

Macro: \ACloudForm



CloudFront

 $Arch_Amazon-CloudFront_64.pdf$

Macro: \ACloudFront



CloudHSM

 $Arch_AWS-CloudHSM_64.pdf$

Macro: \ACloudHSM



CloudMap

Arch_AWS-CloudMap_64.pdf

Macro: \ACloudMap



CloudSearch

Arch_Amazon-CloudSearch_64.pdf

Macro: \ACloudSearch



CloudWatch

 $Arch_Amazon-CloudWatch_64.pdf$

Macro: \ACloudWatch



${\bf Code Artifact}$

Arch_AWS-CodeArtifact_64.pdf

Macro: \ACodeArtifact



CodeBuild



CodeCommit

Arch_AWS-CodeCommit_64.pdf Macro: \ACodeCommit



CodeDeploy

Arch_AWS-CodeDeploy_64.pdf Macro: \ACodeDeploy



CodeGuru



CodePipeline

Arch_AWS-CodePipeline_64.pdf Macro: \ACodePipeline



Codestar

Arch_Amazon-Codestar_64.pdf Macro: \ACodestar



Cognito

Arch_Amazon-Cognito_64.pdf Macro: \ACognito



Command Line Interface

Arch_AWS-Command-Line-Interface_64.pdf

Macro: \ACLI



Comprehend

Arch_Amazon-Comprehend_64.pdf

Macro: \AComprehend



Compute Optimizer

Arch_AWS-Compute-Optimizer_64.pdf

Macro: \ACmputOptimizer



Config

Arch_AWS-Config_64.pdf Macro: \AConfig



Connect

Arch_Amazon-Connect_64.pdf

Macro: \backslash AConnect



Console Mobile Application

 $Arch_AWS\text{-}Console\text{-}Mobile\text{-}Application_64.pdf$

Macro: \AConsoleMobileApp



Control Tower

 $Arch_AWS\text{-}Control\text{-}Tower_64.pdf$

Macro: \AControlTower



Cost Explorer

 $Arch_AWS\text{-}Cost\text{-}Explorer_64.pdf$

Macro: \ACostExplorer



Cost and Usage Report

Arch_AWS-Cost-and-Usage-Report_64.pdf

Macro: \ACostUseRep



Data Exchange

Arch_AWS-Data-Exchange_64.pdf

Macro: \ADataExchange



Data Pipeline

Arch_AWS-Data-Pipeline_64.pdf

Macro: \ADataPipeline



Data Sync

Arch_AWS-Data-Sync_64.pdf

Macro: \ADataSync



Database Migration

Arch_AWS-Database-Migration_64.pdf

Macro: \ADBMigrat



Deep Composer

Arch_AWS-Deep-Composer_64.pdf Macro: \ADeepComposer



Deep Learning AMIs

Arch_AWS-Deep-Learning-AMIs_64.pdf Macro: \ADeepLearningAMIs



Deep Learning Containers

Arch_AWS-Deep-Learning-Containers_64.pdf Macro: \ADeepLearningContainers



Deep Lense

Arch_AWS-Deep-Lense_64.pdf Macro: \ADeepLense



Deepracer

Arch_AWS-Deepracer_64.pdf Macro: \ADeepracer



Detective

Arch_Amazon-Detective_64.pdf Macro: \ADetective



Device Farm

Arch_AWS-Device-Farm_64.pdf Macro: \ADevFarm



Direct Connect

Arch_AWS-Direct-Connect_64.pdf Macro: \ADirectConnect



Directory Service

Arch_AWS-Directory-Service_64.pdf Macro: \ADirSvc



DocumentDB

Arch_Amazon-DocumentDB_64.pdf

Macro: \ADocumentDB



DynamoDB

Arch_Amazon-DynamoDB_64.pdf Macro: \ADDB



EC2

Arch_Amazon-EC2_64.pdf Macro: \AECTwo



EC2 Auto Scaling

Arch_Amazon-EC2-Auto-Scaling_64.pdf Macro: \AECTwoAutoScaling



EC2 Image Builder

Arch_AWS-EC2-Image-Builder_64.pdf $Macro: \ \backslash AECTwoImgBuilder$



EC2 M5n

Arch_Amazon-EC2-M5n_64.pdf Macro: \AECTwoMFiven



EC2 R5n

Arch_Amazon-EC2-R5n_64.pdf Macro: \AECTwoRFiven



EMR.

Arch_Amazon-EMR_64.pdf Macro: \AEMR



ElastiCache

Arch_Amazon-ElastiCache_64.pdf Macro: \AElastiCache



Elastic Beanstalk

Arch_AWS-Elastic-Beanstalk_64.pdf Macro: \AEB



Elastic Block Store

Arch_Amazon-Elastic-Block-Store_64.pdf Macro: \AEBS



Elastic Container Kubernetes

Arch_Amazon-Elastic-Container-Kubernetes_64.pdf

Macro: \AECK



Elastic Container Registry

Arch_Amazon-Elastic-Container-Registry_64.pdf Macro: \AECR

Elastic Container Service

 $Arch_Amazon-Elastic-Container-Service_64.pdf$

Macro: \AECS



Elastic File System

 $Arch_Amazon-Elastic-File-System_64.pdf$

Macro: \AEFS



Elastic Inference

 $Arch_Amazon-Elastic-Inference_64.pdf$

Macro: \AElasticInference



Elastic Load Balancing

Arch_Elastic-Load-Balancing_64.pdf

Macro: \AELB



Elastic Transcoder

Arch_Amazon-Elastic-Transcoder_64.pdf

Macro: \AElasticTranscoder



Elasticsearch Service

Arch_Amazon-Elasticsearch-Service_64.pdf

Macro: \AElasticsearchSvc



Elemental Appliances And Software

 $Arch_AWS\text{-}Elemental\text{-}Appliances\text{-}And\text{-}$

 $Software_64.pdf$

Macro: \AElemAppliancesAndSoftware



Elemental Link

 $Arch_AWS$ -Elemental-Link_64.pdf

Macro: \AElemLink



Elemental MediaConnect

 $Arch_AWS\text{-}Elemental\text{-}MediaConnect_64.pdf$

Macro: \AElemMediaConnect



Elemental MediaConvert

 $Arch_AWS-Elemental-MediaConvert_64.pdf$

Macro: \AElemMediaConvert



Elemental MediaLive

Arch_AWS-Elemental-MediaLive_64.pdf

Macro: \AElemMediaLive



Elemental MediaPackage

 $Arch_AWS\text{-}Elemental\text{-}MediaPackage_64.pdf$

Macro: \AElemMediaPackage



Elemental MediaStore

 $Arch_AWS$ -Elemental-Media $Store_64.pdf$

Macro: \AElemMediaStore



Elemental MediaTailor

Arch_AWS-Elemental-MediaTailor_64.pdf

Macro: \AElemMediaTailor



EventBridge

Arch_Amazon-EventBridge_64.pdf

Macro: \AEvBr



Express Workflow

Arch_AWS-Express-Workflow_64.pdf

Macro: \AExpressWorkflow



FSx

Arch_Amazon-FSx_64.pdf

Macro: \AFSx



FSx For WFS

Arch_Amazon-FSx-For-WFS_64.pdf

Macro: \AFSxForWFS



FSx for Lustre

 $\label{lem:arch_Amazon-FSx-for-Lustre_64.pdf} Arch_Amazon-FSx-for-Lustre_64.pdf \\ Macro: \AFSxfor-Lustre$



Fargate

Arch_AWS-Fargate_64.pdf Macro: \AFargate



Firewall Manager

Arch_AWS-Firewall-Manager_64.pdf Macro: \AFirewallMngr



Forecast



Fraud Detector

Arch_Amazon-Fraud-Detector_64.pdf Macro: \AFraudDetector



FreeRTOS

Arch_Amazon-FreeRTOS_64.pdf Macro: \AFreeRTOS



GameLift

Arch_Amazon-GameLift_64.pdf Macro: \AGameLift



Glacier

Arch_Amazon-Glacier_64.pdf Macro: \AGlacier



Global Accelerator

Arch_AWS-Global-Accelerator_64.pdf Macro: \AGlblAccelerator



$\mathrm{Glu}\epsilon$

 $\begin{array}{l} Arch_AWS\text{-}Glue_64.pdf \\ Macro: \ \backslash AGlue \end{array}$



Ground Station

Arch_AWS-Ground-Station_64.pdf Macro: \AGroundStation



GuardDuty

Arch_Amazon-GuardDuty_64.pdf Macro: \AGuardDuty



IQ

 $Arch_AWS-IQ_64.pdf$ Macro: AIQ



Identity and Access Management

Arch_AWS-Identity-and-Access-Management_64.pdf Macro: \AIAM



Infrequent Access Storage Class

 $\label{lem:arch_infrequent-Access-Storage-Class_64.pdf} Arch_Infrequent-Access-Storage-Class_64.pdf$ $\label{lem:arch_infrequent-Access-Storage-Class} Arch_Infrequent-Access-Storage-Class_64.pdf$



Inspector

Arch_Amazon-Inspector_64.pdf Macro: \AInspector



Interactive Video

Arch_Amazon-Interactive-Video_64.pdf Macro: \AInteractiveVideo



IoT 1 Click

Arch_AWS-IoT-1-Click_64.pdf Macro: \AIoTOneClick



IoT Analytics

 $\label{lem:arch_AWS-IoT-Analytics_64.pdf} Arch_AWS-IoT-Analytics_64.pdf \\ Macro: \AIoTAnalytics$



IoT Button

$$\begin{split} & Arch_AWS\text{-}IoT\text{-}Button_64.pdf \\ & Macro: \ \backslash AIoTButton \end{split}$$



IoT Core

Arch_AWS-IoT-Core_64.pdf

Macro: \AIoTCore



IoT Device Defender

 $Arch_AWS\text{-}IoT\text{-}Device\text{-}Defender_64.pdf$

Macro: \AIoTDevDefender



IoT Device Management

Arch_AWS-IoT-Device-Management_64.pdf

Macro: \AIoTDevManagement



IoT Events

 $Arch_AWS-IoT-Events_64.pdf$

Macro: \AIoTEvents



IoT Greengrass Core

 $Arch_AWS-IoT-Greengrass-Core_64.pdf$

Macro: \AIoTGreengrassCore



IoT SiteWise

Arch_AWS-IoT-SiteWise_64.pdf

Macro: \AIoTSiteWise



IoT Things Graph

Arch_AWS-IoT-Things-Graph_64.pdf

Macro: \AIoTThngsGraph



Kendra

Arch_Amazon-Kendra_64.pdf

Macro: \AKendra



Key Management Services

Arch_AWS-Key-Management-Services_64.pdf

Macro: \AKMS



Keyspaces

Arch_Amazon-Keyspaces_64.pdf

Macro: \AKeyspaces



Kinesis

Arch_Amazon-Kinesis_64.pdf

Macro: \AKin



Kinesis Data Analytics

 $Arch_Amazon-Kinesis-Data-Analytics_64.pdf$

Macro: \AKinDataAnalytics



Kinesis Data Streams

Arch_Amazon-Kinesis-Data-Streams_64.pdf

Macro: \AKinDataStreams



Kinesis Firehose

 $Arch_Amazon-Kinesis-Firehose_64.pdf$

Macro: \AKinFirehose



Kinesis Video Streams

Arch_Amazon-Kinesis-Video-Streams_64.pdf

Macro: \AKinVideoStreams



Lake Formation

Arch_AWS-Lake-Formation_64.pdf

Macro: \ALakeFormation



Lambda

Arch_AWS-Lambda_64.pdf

Macro: \ALambda



Lex

Arch_Amazon-Lex_64.pdf

Macro: \ALex



License Manager

Arch_AWS-License-Manager_64.pdf

Macro: \ALicnsMngr



Lightsail

Arch_Amazon-Lightsail_64.pdf

Macro: \ALightsail



Local Zones

Arch_AWS-Local-Zones_64.pdf

Macro: \ALocalZones



Lumberyard

 $Arch_Amazon-Lumberyard_64.pdf$

Macro: \ALumberyard



MQ

Arch_Amazon-MQ_64.pdf

Macro: \AMQ



Macie

 $Arch_Amazon-Macie_64.pdf$

Macro: \AMacie



Managed Blockchain

 $Arch_Amazon-Managed-Blockchain_64.pdf$

Macro: \AMngdBlockchain



Managed Services

Arch_AWS-Managed-Services_64.pdf

Macro: \AMngdSvcs



Managed Streaming for Kafka

Arch_Amazon-Managed-Streaming-for-Kafka_64.pdf

Macro: \AMngdStreamingforKafka



Management Console

 $Arch_AWS-Management-Console_64.pdf$

Macro: \AManagementConsole



Migration Hub

Arch_AWS-Migration-Hub_64.pdf

Macro: \AMigratHub



Neptune

Arch_Amazon-Neptune_64.pdf

Macro: \ANeptune



Neuron ML SDK

 $Arch_Amazon-Neuron-ML-SDK_64.pdf$

Macro: \ANeuronMLSDK



Nitro Enclaves

Arch_AWS-Nitro-Enclaves_64.pdf

Macro: \ANitroEnclaves



OpsWorks

 $Arch_AWS-OpsWorks_64.pdf$

Macro: \AOpWk



Organizations

 $Arch_AWS-Organizations_64.pdf$

Macro: \AOrganizations



Outposts

Arch_AWS-Outposts_64.pdf

Macro: \AOutposts



Parallel Cluster

Arch_AWS-Parallel-Cluster_64.pdf

Macro: \AParallelCluster



Personal Health Dashboard

Arch_AWS-Personal-Health-Dashboard_64.pdf

Macro: \APersHlthDbrd



Personalize

Arch_Amazon-Personalize_64.pdf

Macro: \APersonalize



Pinpoint

Arch_Amazon-Pinpoint_64.pdf

Macro: \APinpoint



Pinpoint Journey

 $Arch_Amazon-Pinpoint-Journey_64.pdf$

Macro: \APinpointJourney



Polly

Arch_Amazon-Polly_64.pdf

Macro: \APolly



PrivateLink

Arch_AWS-PrivateLink_64.pdf Macro: \APrivateLink



Professional Services

 $Arch_AWS-Professional-Services_64.pdf$

Macro: \AProfessionalSvcs



Quantum Ledger Database

 $Arch_Amazon-Quantum-Ledger-Database_64.pdf$

Macro: \AQuantumLedgerDB



QuickSight

Arch_Amazon-QuickSight_64.pdf

Macro: \AQuickSight



RDS

Arch_Amazon-RDS_64.pdf

Macro: \ARDS



RDS for VMware

Arch_Amazon-RDS-for-VMware_64.pdf

Macro: \ARDSforVMware



Redshift

Arch_Amazon-Redshift_64.pdf

Macro: \ARedshift



Redshiftct

Arch_Amazon-Redshiftct_64.pdf

Macro: \ARedshiftct



Rekognition

Arch_Amazon-Rekognition_64.pdf

Macro: \ARekognition



Reserved Instance Reporting

 $Arch_Reserved\text{-}Instance\text{-}Reporting_64.pdf$

Macro: \AReservedInstReporting



Resources Access Manager

 $Arch_AWS-Resources-Access-Manager_64.pdf$

Macro: \ARessAccessMngr



RoboMaker

Arch_AWS-RoboMaker_64.pdf

Macro: \ARoboMaker



Route 53

 $Arch_Amazon-Route-53_64.pdf$

Macro: \ARouteFiveThree



S3 Standard

 $Arch_Amazon-S3-Standard_64.pdf$

Macro: \ASThreeStandard



SageMaker

Arch_AWS-SageMaker_64.pdf

Macro: \ASageMaker



SageMaker Ground Truth

 $Arch_AWS\text{-}SageMaker\text{-}Ground\text{-}Truth_64.pdf$

Macro: \ASageMakerGroundTruth



Savings Plans

 $Arch_Savings-Plans_64.pdf$

Macro: \ASavingsPlans



Secrets Manager

Arch_AWS-Secrets-Manager_64.pdf

Macro: \ASecretsMngr



Security Hub

 $Arch_AWS$ -Security-Hub_64.pdf

Macro: \ASecHub



Server Migration Service

Arch_AWS-Server-Migration-Service_64.pdf

Macro: \AServerMigratSvc



Snowball Edge

Arch_AWS-Snowball-Edge_64.pdf Macro: \ASnowballEdge





Serverless Application Repository

Arch_AWS-Serverless-Application-Repository_64.pdf

Macro: \ASvlsAppRepo



Snowcone

Arch_AWS-Snowcone_64.pdf

Macro: \ASnowcone



Service Catalog

Arch_AWS-Service-Catalog_64.pdf

Macro: \ASvcCatalog



Snowmobile

Arch_AWS-Snowmobile_64.pdf Macro: \ASnowmobile



Shield

Arch_AWS-Shield_64.pdf

Macro: \AShield



Standard Storage Class

Arch_Standard-Storage-Class_64.pdf Macro: \AStandardStorageClass



Simple Email Service

Arch_AWS-Simple-Email-Service_64.pdf

Macro: \ASimpleEmailSvc



Step Functions

Arch_AWS-Step-Functions_64.pdf

Macro: \AStepFuncs



Simple Notification Service

Arch_AWS-Simple-Notification-Service_64.pdf

Macro: \ASimpleNotifSvc



Storage Gateway

Arch_AWS-Storage-Gateway_64.pdf

Macro: \AStorGat



Simple Queue Service

Arch_AWS-Simple-Queue-Service_64.pdf

Macro: \ASQS



Sumerian

Arch_AWS-Sumerian_64.pdf

Macro: \ASumerian



Single Sign On

Arch_AWS-Single-Sign-On_64.pdf

Macro: \ASingleSignOn



Support

Arch_AWS-Support_64.pdf

Macro: \ASupport



Site to Site VPN

Arch_AWS-Site-to-Site-VPN_64.pdf

Macro: \ASitetoSiteVPN



Systems Manager

Arch_AWS-Systems-Manager_64.pdf

Macro: \ASystemsMngr



Snowball

Arch_AWS-Snowball_64.pdf

Macro: \ASnowball



TensorFlow on AWS

 $Arch_AWS$ -TensorFlow-on-AWS_64.pdf

Macro: \ATensorFlowon



Textract

Arch_AWS-Textract_64.pdf

Macro: \ATextract



ThinkBox Deadline

Arch_AWS-ThinkBox-Deadline_64.pdf

Macro: \ATBDeadline



ThinkBox Frost

 $Arch_AWS-ThinkBox-Frost_64.pdf$

Macro: \ATBFrost



ThinkBox Krakatoa

 $Arch_AWS-ThinkBox-Krakatoa_64.pdf$

Macro: \ATBKrakatoa



ThinkBox Sequoia

Arch_AWS-ThinkBox-Sequoia_64.pdf

Macro: \ATBSequoia



ThinkBox Stoke

Arch_AWS-ThinkBox-Stoke_64.pdf

Macro: \ATBStoke



ThinkBox XMesh

 $Arch_AWS-ThinkBox-XMesh_64.pdf$

Macro: \ATBXMesh



Timestream

Arch_Amazon-Timestream_64.pdf

Macro: \ATimestream



Tools and SDK

 $Arch_AWS\text{-}Tools\text{-}and\text{-}SDK_64.pdf$

Macro: \AToolsandSDK



TorchServe

Arch_TorchServe_64.pdf

Macro: \ATorchServe



Training Certification

 $Arch_AWS\text{-}Training\text{-}Certification_64.pdf$

Macro: \ATrainCert



Transcribe

Arch_Amazon-Transcribe_64.pdf

Macro: \ATranscribe



Transfer Family

 $Arch_AWS-Transfer-Family_64.pdf$

Macro: \ATranFam



Transit Gateway

 $Arch_AWS-Transit-Gateway_64.pdf$

Macro: \ATransitGateway



Translate

 $Arch_Amazon-Translate_64.pdf$

Macro: \ATranslate



Trusted Advisor

Arch_AWS-Trusted-Advisor_64.pdf

Macro: \ATrusTAdv



VMware Cloud on AWS

Arch_VMware-Cloud-on-AWS_64.pdf

Macro: \AVMwareCloudon



VPN

Arch_AWS-VPN_64.pdf

Macro: \AVPN



WAF

Arch_AWS-WAF_64.pdf

Macro: \AWAF



Wavelength

 $Arch_AWS-Wavelength_64.pdf$

Macro: \AWavelength



Well Architect Tool

Arch_AWS-Well-Architect-Tool_64.pdf Macro: \AWellArchitectTool



WorkDocs



WorkLink

$$\begin{split} & Arch_AWS\text{-}WorkLink_64.pdf \\ & Macro: \ \backslash AWorkLink \end{split}$$



WorkMail

 $Arch_Amazon-WorkMail_64.pdf \\ Macro: \AWorkMail$



WorkSpaces



X Ray

 $\begin{array}{l} Arch_AWS-X-Ray_64.pdf \\ Macro: \ \backslash AXRay \end{array}$

A Mapping of icon names to macros names

In order to have reasonably short macro names, the following mappings have been made by aws2tex, being careful not to introduce any naming collisions. In addition, LaTeX macros cannot contain numbers, so all numbers have been mapped to words, i.e. $1 \to \text{One}$, $5 \to \text{Five}$, etc. The below mappings are applied in order, followed by the number mappings.

1.	${\tt CertificateManager} \to {\tt CertMan}$	31.	$Vault \rightarrow Vlt$	61.	$\mathrm{Global} \to \mathrm{Glbl}$
2.	$Application Discovery Service \rightarrow ADS$	32.	$Archive \rightarrow Archv$	62.	$\mathrm{Multiple}\rightarrow\mathrm{Mult}$
3.	${\tt CommandLineInterface} \rightarrow {\tt CLI}$	33.	$Application \to App$	63.	$\text{Volumes} \rightarrow \text{Vols}$
4.	${\tt CostandUsageReport \rightarrow CostUseRep}$	34.	$\operatorname{Replication} \to \operatorname{Repli}$	64.	$\mathrm{Volume}\rightarrow\mathrm{Vol}$
5.	${\tt CloudFormation} \rightarrow {\tt CloudForm}$	35.	$Points \rightarrow Pts$	65.	$\mathrm{Default} \to \mathrm{Dflt}$
6.	${\tt KeyManagementServices} \rightarrow {\tt KMS}$	36.	$Intelligent \to Intell$	66.	$\rm Image \to Img$
7.	$ElasticBlockStore \rightarrow EBS$	37.	${\it TrainingCertification} \to {\it TrainCert}$	67.	$\text{Registry} \rightarrow \text{Reg}$
8.	${\tt ElasticContainerRegistry} \rightarrow {\tt ECR}$	38.	$\mathrm{Kinesis} \to \mathrm{Kin}$	68.	Elemental \rightarrow Elem
9.	$ElasticBeanstalk \rightarrow EB$	39.	${\rm Aurora} \to {\rm Aur}$	69.	$Managed \rightarrow Mngd$
10.	${\tt ElasticContainerService} \to {\tt ECS}$	40.	$Alternate \rightarrow Altern$	70.	$Microsoft \rightarrow MS$
11.	$ElasticLoadBalancing \rightarrow ELB$	41.	$\rm Amazon \rightarrow$		$Development \rightarrow Dev$
12.	$IdentityAccessManagement \rightarrow IAM$	42.	$\mathrm{AWS} \rightarrow$		Device \rightarrow Dev
13.	ElasticContainerKubernetes \rightarrow ECK	43.	${\sf PersonalHealthDashboard} \to {\sf PersHlthDbrd}$		$Database \rightarrow DB$
14.	$ElasticFileSystem \rightarrow EFS$	44.	${\tt Manager} \to {\tt Mngr}$		ThinkBox \rightarrow TB
15.	${\it ElasticNetworkAdapter} \rightarrow {\it ENA}$	45.	${\it License} \to {\it Licns}$		
16.	${\it ElasticNetworkInterface} \rightarrow {\it ENI}$	46.	$EventBridge \rightarrow EvBr$		Authority → Auth
17.	$Virtual Private Cloud \rightarrow VPN$	47.	$Route 53 \rightarrow Rt 53$		Distribution → Distr
18.	$Identity and Access Management \rightarrow IAM$	48.	${\rm DynamoDB} \rightarrow {\rm DDB}$		$Directory \rightarrow Dir$
19.	Serverless Application Repository \rightarrow Svls App Repo	49.	$Bucket \to Bkt$	78.	Instance \rightarrow Inst
20.	$OpsWorks \rightarrow OpWk$	50.	$Simple Notification Service \rightarrow SNS$	79.	$Virtual \rightarrow Virt$
21.	$SnowballSnowball \rightarrow Snowball$	51.	$SimpleQueueService \rightarrow SQS$	80.	$\mathrm{Database} \rightarrow \mathrm{DB}$
22.	$Encryption \rightarrow Encr$	52.	$StorageGateway \rightarrow StorGat$	81.	$Attributes \rightarrow Atts$
23.	$Encrypted \rightarrow Encrd$	53.	${\rm SystemManager} \rightarrow {\rm SysMgr}$	82.	$Attribute \rightarrow Att$
24.	Thing \rightarrow Thng	54.	$LoadBalancer \rightarrow LB$	83.	Security \rightarrow Sec
25.	$\mathrm{Medical} \to \mathrm{Med}$	55.	${\it Migration} \to {\it Migrat}$	84.	$Service \to Svc$
26.	$Compute \rightarrow Cmput$	56.	Transfer Family \rightarrow Tran Fam	85.	${\it Credential} \to {\it Cred}$
27.	$Simulation \rightarrow Simul$	57.	${\it TrustedAdvisor} \rightarrow {\it TrusTAdv}$	86.	Emergency \rightarrow Emerg
28.	Notification \rightarrow Notif	58.	$Certificate \rightarrow Cert$	87.	Function \rightarrow Func
29.	$Object \rightarrow Obj$	59.	${\rm Recovery} \to {\rm Recov}$	88.	${\rm Organizational}\rightarrow{\rm Org}$
30.	$\mathrm{General} \to \mathrm{Gen}$	60.	Resource \rightarrow Res	89.	$SThreeSThree \rightarrow SThr$

TOC Macro Index General Index

Index: General

A	Archive (S3 Glacier), 15
A1 Instance (EC2), 6	Artifact, 19
Account (Organizations), 14	Athena, 19
Action (IoT), 12	Attribute (DynamoDB), 6
Actuator (IoT), 13	Attributes (DynamoDB), 6
AD Connector (Directory Service), 6	Augmented AI A2I, 19
Add on (Identity Access Management), 11	Aurora, 19
Agent (Datasync), 6	Amazon Aurora Instance alternate, 4
Agent (Inspector), 11	Amazon RDS Instance, 4
Alarm (Cloudwatch), 5	Amazon RDS Instance Alternate, 4
Alexa For Business, 19	Instance, 4
Amazon Aurora Instance alternate (Aurora), 4	MariaDB Instance, 4
Amazon DynamoDB Accelerator (DynamoDB), 6	MariaDB Instance Alternate, 4
Amazon RDS Instance (Aurora), 4	MySQL Instance, 4
Amazon RDS Instance Alternate (Aurora), 4	MySQL Instance Alternate, 4
Amplify Console, 19	Oracle Instance, 4
Apache MXNet, 19	Oracle Instance Alternate, 4
API Gateway, 19	PIOPS, 4
Endpoint, 4	PostgreSQL Instance, 5
App Config, 19	PostgreSQL Instance Alternate, 5
App Mesh, 19	SQL Server Instance, 5
Virtual Gateway, 4	SQL Server Instance Alternate, 5
App Mesh Mesh, 4	Auto Scaling, 19
App Mesh Virtual Node, 4	Auto Scaling (EC2), 7
App Mesh Virtual Router, 4	Automation (System Manager), 17
App Mesh Virtual Service, 4	AWS FTP (Transfer Family), 17
App Stream, 19	AWS FTPS (Transfer Family), 17
App Wizard, 19	AWS IAM Access Analyzer (Identity Access
Application (Elastic Beanstalk), 9	Management), 10
Application Auto Scaling, 19	AWS Inferentia (EC2), 7
Application Discovery Service, 19	AWS Managed Microsoft AD (Directory Service)
Application Load Balancer (Elastic Load	6
Balancing), 10	AWS SFTP (Transfer Family), 17
Apps (OpsWorks), 14	AWS Shield Advanced (Shield), 16
AppSync, 19	AWS STS (Identity Access Management), 10

AWS STS Alternate (Identity Access	Classic Load Balancer (Elastic Load Balancing),
Management), 10	10
D	Cloud Development Kit, 20
B	Cloud Directory, 20
Backint Agent, 19	Cloud Extensions ROS (RoboMaker), 15
Backup, 19	Cloud Map
Bank (IoT Thing), 12	Service, 5
Batch, 20	Cloud Map Namespace, 5
Bicycle (IoT Thing), 12	Cloud Map Resource, 5
Blockchain (Managed Blockchain), 14	Cloud Trail, 20
Bottlerocket, 20	Cloud9, 20
Braket, 20	Cloud9, 5
Bucket (S3), 15	Cloud9 (Cloud9), 5
Bucket With Objects (S3), 15	CloudEndure Disaster Recovery, 20
Budgets, 20	CloudEndure Migration, 20
C	CloudFormation, 20
C4 Instance (EC2), 7	Change Set, 5
C4 Instance (EC2), 7	Stack, 5
C5 Instance (EC2), 7 C5n Instance (EC2), 7	Template, 5
Con Instance (EC2), 7 Con Instance (EC2), 7	CloudFront, 20
	Download Distribution, 5
Cache Node (ElastiCache), 9 Cached Volume (Storage Cotower), 17	Edge Location, 5
Cached Volume (Storage Gateway), 17	Streaming Distribution, 5
Camera (IoT Thing), 12	CloudHSM, 20
Car (IoT Thing), 12	CloudMap, 20
Cart (IoT Thing), 12	CloudSearch, 20
Certificate (IoT), 13 Certificate Authority (Certificate Manager) 5	Search Documents, 5
Certificate Authority (Certificate Manager), 5	CloudWatch, 20
Certificate Manager, 20 Certificate Authority, 5	Cloudwatch
Change Set (CloudFormation), 5	Alarm, 5
Channel (IoT Analytics), 11	Event Based, 5
Chatbot, 20	Event Time Based, 6
Checklist (Trusted Advisor), 18	Logs, 6
Checklist Cost (Trusted Advisor), 18	Rule, 6
Checklist Fault Tolerant (Trusted Advisor), 18	Cluster (EMR), 8
Checklist Performance (Trusted Advisor), 18	CodeArtifact, 20
Checklist Security (Trusted Advisor), 18	CodeBuild, 21
Chime, 20	CodeCommit, 21

CodeDeploy, 21	Datasync
CodeGuru, 21	Agent, 6
CodePipeline, 21	DB Instance (EC2), 7
Codestar, 21	Deep Composer, 22
Coffee Pot (IoT Thing), 12	Deep Learning AMIs, 22
Cognito, 21	Deep Learning Containers, 22
Command Line Interface, 21	Deep Lense, 22
Comprehend, 21	Deepracer, 22
Compute Optimizer, 21	Default Event Bus (EventBridge), 10
Config, 21	Dense Compute Node (Redshift), 14
Connect, 21	Dense Storage Node (Redshift), 14
Connector (IoT Greengrass), 11	Deployment (Elastic Beanstalk), 9
Console Mobile Application, 21	Deployments (OpsWorks), 14
Container 1 (Elastic Container Service), 9	Desired State (IoT), 13
Container 2 (Elastic Container Service), 9	Detective, 22
Container 3 (Elastic Container Service), 9	Development Environment (RoboMaker), 15
Control Tower, 21	Device Farm, 22
Cost and Usage Report, 21	Device Gateway (IoT), 13
Cost Explorer, 21	Direct Connect, 22
Crawler (Glue), 10	Direct Connect Gateway, 6
Custom Event Bus (EventBridge), 10	Directory Service, 22
Customer Gateway (VPC), 18	AD Connector, 6
	AWS Managed Microsoft AD, 6
D2 Instance (EC2) 7	Simple AD, 6
D2 Instance (EC2), 7	DocumentDB, 22
Data Catalog (Glue), 10	Documents (System Manager), 17
Data Encryption Key (Identity Access	Door Lock (IoT Thing), 12
Management), 11	Download Distribution (CloudFront), 5
Data Exchange, 21	DynamoDB, 22
Data Lake (Lake Formation), 14	Amazon DynamoDB Accelerator, 6
Data Pipeline, 21	Attribute, 6
Data Set (IoT Analytics), 11	Attributes, 6
Data Store (IoT Analytics), 11	Global secondary index, 6
Data Sync, 21	Item, 6
Database Migration, 21	Items, 6
Database Migration Service	Table, 6
Database migration workflow job, 6	E
Database migration workflow job (Database	E ECO 22
Migration Service), 6	EC2, 22

A1 Instance, 6	z1d Instance, 8
AMI	EC2 Auto Scaling, 22
Resource, 6	EC2 Image Builder, 22
Auto Scaling, 7	EC2 M5n, 22
AWS Inferentia, 7	EC2 R5n, 22
C4 Instance, 7	Echo (IoT), 13
C5 Instance, 7	Edge Location (CloudFront), 5
C5n Instance, 7	Elastic Beanstalk, 22
C6g Instance, 7	Application, 9
D2 Instance, 7	Deployment, 9
DB Instance, 7	Elastic Block Store, 22
Elastic IP Address, 7	Multiple Volumes, 9
F1 Instance, 7	Snapshot, 9
G3 Instance, 7	Volume, 9
H1 Instance, 7	Elastic Container Kubernetes, 23
HMI Instance, 7	Elastic Container Registry, 23
I3 Instance, 7	Image, 9
Instance, 7	Registry, 9
Instance with CloudWatch, 7	Elastic Container Service, 23
Instances, 7	Container 1, 9
M4 Instance, 7	Container 2, 9
M5 Instance, 7	Container 3, 9
M5a Instance, 7	Service, 9
M5n Instance, 8	Task, 10
M6g Instance, 8	Elastic File System, 23
P2 Instance, 8	File System, 10
P3 Instance, 8	Elastic Inference, 23
R4 Instance, 8	Elastic IP Address (EC2), 7
R5 Instance, 8	Elastic Load Balancing, 23
R5a Instance, 8	Application Load Balancer, 10
R5n Instance, 8	Classic Load Balancer, 10
R6g Instance, 8	Network Load Balancer, 10
Rescue, 8	Elastic Network Adapter (VPC), 18
Spot Instance, 8	Elastic Network Interface (VPC), 18
T2 Instance, 8	Elastic Transcoder, 23
T3 Instance, 8	ElastiCache, 22
X1 Instance, 8	Cache Node, 9
X1e Instance, 8	ElastiCache for Memcached, 9

ElastiCache for Redis, 9	EventBridge Saas Partner Event, 10
ElastiCache for Memcached (ElastiCache), 9	Express Workflow, 23
ElastiCache for Redis (ElastiCache), 9	
Elasticsearch Service, 23	F
Elemental Appliances And Software, 23	F1 Instance (EC2), 7
Elemental Link, 23	Factory (IoT Thing), 12
Elemental MediaConnect, 23	Fargate, 24
Elemental MediaConvert, 23	File Gateway (Storage Gateway), 17
Elemental MediaLive, 23	File System (Elastic File System), 10
Elemental MediaPackage, 23	Filtering Rule (WAF), 18
Elemental MediaStore, 23	Finding (Security Hub), 16
Elemental MediaTailor, 23	Firewall, 10
Email, 10	Firewall Manager, 24
Email (Simple Email Service), 16	Fleet Management (RoboMaker), 15
Email Notification (Simple Notification Service),	Flow Logs (VPC), 18
16	Forecast, 24
EMR, 22	Fraud Detector, 24
Cluster, 8	FreeRTOS, 24
EMR Engine, 8	FSx, 23
EMR Engine MapR M3, 8	FSx for Lustre, 24
EMR Engine MapR M5, 9	FSx For WFS, 23
EMR Engine MapR M7, 9	Function (IoT Lambda), 13
HDFS Cluster, 9	G
EMR Engine (EMR), 8	G3 Instance (EC2), 7
EMR Engine MapR M3 (EMR), 8	GameLift, 24
EMR Engine MapR M5 (EMR), 9	General Access Points (S3), 15
EMR Engine MapR M7 (EMR), 9	Generic (IoT Thing), 12
Enabled Device (IoT Alexa), 13	Glacier, 24
Encrypted Data (Identity Access Management), 11	Global Accelerator, 24
Endpoint (API Gateway), 4	Global secondary index (DynamoDB), 6
Endpoints (VPC), 18	Glue, 24
Event Based (Cloudwatch), 5	Crawler, 10
Event Time Based (Cloudwatch), 6	Data Catalog, 10
EventBridge, 23	Ground Station, 24
Custom Event Bus, 10	Guard Duty, 24
Default Event Bus, 10	2.232.22.23
EventBridge Event, 10	Н
EventBridge Rule, 10	H1 Instance (EC2), 7

HDFS Cluster (EMR), 9	Enabled Device, 13
HMI Instance (EC2), 7	Skill, 13
House (IoT Thing), 12	Voice Service, 13
HTTP Notification (Simple Notification Service),	Certificate, 13
16	Desired State, 13
HTTP2 Protocol (IoT), 13	Device Gateway, 13
1	Echo, 13
12 Instance (EC2) 7	Fire
I3 Instance (EC2), 7	TV, 13
Identity Access Management	Fire TV
Add on, 11	Stick, 13
AWS IAM Access Analyzer, 10 AWS STS, 10	HTTP2 Protocol, 13
AWS STS, 10 AWS STS Alternate, 10	Lambda
Data Encryption Key, 11	Function, 13
Encrypted Data, 11	Over Air Update, 13
Long Term Security Credential, 11	Policy, 13
MFA Token, 11	Reported State, 13
Permissions, 11	Sensor, 13
Role, 11	Servo, 13
Temporary Security Credential, 11	Shadow, 13
Identity and Access Management, 24	Simulator, 13
Image (Elastic Container Registry), 9	Topic, 13
Image (Rekognition), 14	IoT 1 Click, 24
Infrequent Access Storage Class, 24	IoT Analytics, 24
Inspector, 24	Channel, 11
Agent, 11	Data Set, 11
Instance (Aurora), 4	Data Store, 11
Instance (EC2), 7	Notebook, 11
Instance with CloudWatch (EC2), 7	Pipeline, 11
Instances (EC2), 7	IoT Button, 24
Instances (OpsWorks), 14	IoT Core, 25
Interactive Video, 24	IoT Device Defender, 25
Internet Gateway (VPC), 18	IoT Device Jobs, 11
Inventory (System Manager), 17	IoT Device Jobs (IoT Device Defender), 11
IoT	IoT Device Management, 25
Action, 12	IoT Events, 25
Actuator, 13	IoT Greengrass
Alexa	Connector, 11

IoT Greengrass Core, 25	Kinesis Video Streams, 25
IoT Hardware Board, 11	
IoT HTTP	
Protocol, 11	Lake Formation, 25
IoT MQTT	Data Lake, 14
Protocol, 12	Lambda, 25
IoT Rule, 12	Lambda Function, 14
IoT SiteWise, 25	Lambda Function (Lambda), 14
IoT Thing	Layers (OpsWorks), 14
Bank, 12	Lex, 25
Bicycle, 12	License Manager, 25
Camera, 12	Lightbulb (IoT Thing), 12
Car, 12	Lightsail, 25
Cart, 12	Local Zones, 26
Coffee Pot, 12	Logs (Cloudwatch), 6
Door Lock, 12	Long Term Security Credential (Identity Access
Factory, 12	Management), 11
Generic, 12	Lumberyard, 26
House, 12	· /
Lightbulb, 12	M
Medical Emergency, 12	M4 Instance (EC2), 7
<u> </u>	M5 Instance (EC2), 7
Police Emergency, 12 Thermostat, 12	M5a Instance (EC2), 7
Thermostat, 12	M5n Instance (EC2), 8
Travel, 12	M6g Instance (EC2), 8
Utility, 12	Macie, 26
Windfarm, 12	Maintenance Windows (System Manager), 17
IoT Things Graph, 25	Managed Blockchain, 26
IQ, 24	Blockchain, 14
Item (DynamoDB), 6	Managed Services, 26
Items (DynamoDB), 6	Managed Streaming for Kafka, 26
K	Management Console, 26
Kendra, 25	MariaDB Instance (Aurora), 4
Key Management Services, 25	MariaDB Instance (Aurora), 4
Keyspaces, 25	Medical Emergency (IoT Thing), 12
Kinesis, 25	Message (Simple Queue Service), 16
Kinesis, 25 Kinesis Data Analytics, 25	MFA Token (Identity Access Management), 11
	Migration Hub, 26
Kinesis Data Streams, 25	,
Kinesis Firehose, 25	Model (Sagemaker), 16

Monitoring (OpsWorks), 14	P
MQ, 26	P2 Instance (EC2), 8
Multiple Volumes (Elastic Block Store), 9	P3 Instance (EC2), 8
MySQL Instance (Aurora), 4	Parallel Cluster, 26
MySQL Instance Alternate (Aurora), 4	Parameter Store (System Manager), 17
· · ·	Patch Manager (System Manager), 17
N	Peering Connection (VPC), 18
NAT Gateway (VPC), 18	Permissions (Identity Access Management), 11
Neptune, 26	Permissions (OpsWorks), 14
Network Access Control List (VPC), 18	Personal Health Dashboard, 26
Network Load Balancer (Elastic Load Balancing),	Personalize, 26
10	Pinpoint, 26
Neuron ML SDK, 26	Pinpoint Journey, 26
Nitro Enclaves, 26	PIOPS (Aurora), 4
Non Cached Volume (Storage Gateway), 17	Pipeline (IoT Analytics), 11
Notebook (IoT Analytics), 11	Police Emergency (IoT Thing), 12
Notebook (Sagemaker), 16	Policy (IoT), 13
	Polly, 27
0	PostgreSQL Instance (Aurora), 5
Object (S3), 15	PostgreSQL Instance Alternate (Aurora), 5
OpsCenter (System Manager), 17	PrivateLink, 27
OpsWorks, 26	Professional Services, 27
Apps, 14	Protocol (IoT HTTP), 11
Deployments, 14	Protocol (IoT MQTT), 12
Instances, 14	Q
Layers, 14	Quantum Ledger Database, 27
Monitoring, 14	Queue (Simple Queue Service), 16
Permissions, 14	QuickSight, 27
Resources, 14	4
Stack2, 14	R
Oracle Instance (Aurora), 4	R4 Instance (EC2), 8
Oracle Instance Alternate (Aurora), 4	R5 Instance (EC2), 8
Organizational Unit (Organizations), 14	R5a Instance (EC2), 8
Organizations, 26	R5n Instance (EC2), 8
Account, 14	R6g Instance (EC2), 8
Organizational Unit, 14	RDS, 27
Outposts, 26	RDS for VMware, 27
Over Air Update (IoT), 13	RDS Proxy, 14

RDS Proxy Alternate, 14	Service Intelligent Tiering, 16
Redshift, 27	Service One Zone IA, 16
Dense Compute Node, 14	Service Standard, 16
Dense Storage Node, 14	Service Standard IA, 16
Redshiftet, 27	VPC Access Points, 16
Registry (Elastic Container Registry), 9	S3 Glacier
Rekognition, 27	Archive, 15
Image, 14	Vault, 15
Video, 15	S3 Replication (S3), 15
Reported State (IoT), 13	S3 Replication Time Control (S3), 15
Rescue (EC2), 8	S3 Standard, 27
Reserved Instance Reporting, 27	SageMaker, 27
Resource (EC2 AMI), 6	Sagemaker
Resources (OpsWorks), 14	Model, 16
Resources Access Manager, 27	Notebook, 16
RoboMaker, 27	Train, 16
Cloud Extensions ROS, 15	SageMaker Ground Truth, 27
Development Environment, 15	Savings Plans, 27
Fleet Management, 15	Search Documents (CloudSearch), 5
Simulation, 15	Secrets Manager, 27
Role (Identity Access Management), 11	Security Hub, 27
Route 53, 27	Finding, 16
Route Table, 15	Sensor (IoT), 13
Route 53 Hosted Zone, 15	Server Migration Service, 28
Route Table (Route 53), 15	Serverless Application Repository, 28
Router (VPC), 18	Service (Cloud Map), 5
Rule (Cloudwatch), 6	Service (Elastic Container Service), 9
Run Command (System Manager), 17	Service Catalog, 28
S	Service Glacier (S3), 15
S3	Service Glacier Deep Archive (S3), 15
Bucket, 15	Service Intelligent Tiering (S3), 16
Bucket With Objects, 15	Service One Zone IA (S3), 16
General Access Points, 15	Service Standard (S3), 16
Object, 15	Service Standard IA (S3), 16
S3 Replication, 15	Servo (IoT), 13
S3 Replication Time Control, 15	Shadow (IoT), 13
Service Glacier, 15	Shield, 28
Service Glacier Deep Archive, 15	AWS Shield Advanced, 16
	·

Simple AD (Directory Service), 6	Streaming Distribution (CloudFront), 5
Simple Email Service, 28	Sumerian, 28
Email, 16	Support, 28
Simple Notification Service, 28	System Manager
Email Notification, 16	Automation, 17
HTTP Notification, 16	Documents, 17
Topic, 16	Inventory, 17
Simple Queue Service, 28	Maintenance Windows, 17
Message, 16	OpsCenter, 17
Queue, 16	Parameter Store, 17
Simulation (RoboMaker), 15	Patch Manager, 17
Simulator (IoT), 13	Run Command, 17
Single Sign On, 28	State Manager, 17
Site to Site VPN, 28	Systems Manager, 28
Skill (IoT Alexa), 13	Т
Snapshot (Elastic Block Store), 9	T2 Instance (EC2), 8
Snowball, 28	T3 Instance (EC2), 8
Snowball Import Export, 16	Table (DynamoDB), 6
Snowball Edge, 28	Tape Gateway (Storage Gateway), 17
Snowball Import Export (Snowball), 16	Task (Elastic Container Service), 10
Snowcone, 28	Template (CloudFormation), 5
Snowmobile, 28	Temporary Security Credential (Identity Access
Spot Instance (EC2), 8	Management), 11
SQL Server Instance (Aurora), 5	TensorFlow on AWS, 28
SQL Server Instance Alternate (Aurora), 5	Textract, 29
Stack (CloudFormation), 5	Thermostat (IoT Thing), 12
Stack2 (OpsWorks), 14	ThinkBox Deadline, 29
Standard Storage Class, 28	ThinkBox Frost, 29
State Manager (System Manager), 17	ThinkBox Krakatoa, 29
Step Functions, 28	ThinkBox Sequoia, 29
Stick (IoT Fire TV), 13	ThinkBox Stoke, 29
Storage Gateway, 28	ThinkBox XMesh, 29
Cached Volume, 17	Timestream, 29
File Gateway, 17	Tools and SDK, 29
Non Cached Volume, 17	Topic (IoT), 13
Tape Gateway, 17	Topic (Simple Notification Service), 16
Virtual Tape Library, 17	TorchServe, 29
Volume Gateway, 17	Traffic Mirroring (VPC), 18

Train (Sagemaker), 16	Elastic Network Interface, 18
Training Certification, 29	Endpoints, 18
Transcribe, 29	Flow Logs, 18
Transfer Family, 29	Internet Gateway, 18
AWS FTP, 17	NAT Gateway, 18
AWS FTPS, 17	Network Access Control List, 18
AWS SFTP, 17	Peering Connection, 18
Transit Gateway, 29	Router, 18
Translate, 29	Traffic Mirroring, 18
Travel (IoT Thing), 12	VPN Connection, 18
Trusted Advisor, 29	VPN Gateway, 18
Checklist, 18	VPC Access Points (S3), 16
Checklist Cost, 18	VPN, 29
Checklist Fault Tolerant, 18	VPN Connection (VPC), 18
Checklist Performance, 18	VPN Gateway (VPC), 18
Checklist Security, 18	10/
TV (IoT Fire), 13	W WATE OO
	WAF, 29
U	Filtering Rule, 18
Utility (IoT Thing), 12	Wavelength, 29
	Well Architect Tool, 30
V	Windfarm (IoT Thing), 12
Vault (S3 Glacier), 15	WorkDocs, 30
Video (Rekognition), 15	WorkLink, 30
Virtual Gateway (App Mesh), 4	WorkMail, 30
Virtual Tape Library (Storage Gateway), 17	WorkSpaces, 30
VMware Cloud on AWS, 29	X
Voice Service (IoT Alexa), 13	X Ray, 30
Volume (Elastic Block Store), 9	X1 Instance (EC2), 8
Volume Gateway (Storage Gateway), 17	X1e Instance (EC2), 8
VPC	\
Customer Gateway, 18	Z
Elastic Network Adapter, 18	z1d Instance (EC2), 8

Index: LATEX Macros

\	
\AADS (Application Discovery Service), 19	\ACloudMap (CloudMap), 20
\AAPIGateway (API Gateway), 19	\ACloudNine (Cloud9), 20
\AAlexaForBusiness (Alexa For Business), 19	\ACloudSearch (CloudSearch), 20
\AAmplifyConsole (Amplify Console), 19	\ACloudTrail (Cloud Trail), 20
\AApacheMXNet (Apache MXNet), 19	\ACloudWatch (CloudWatch), 20
\AAppAutoScaling (Application Auto Scaling), 19	\ACmputOptimizer (Compute Optimizer), 21
\AAppConfig (App Config), 19	\ACodeArtifact (CodeArtifact), 20
\AAppMesh (App Mesh), 19	\ACodeBuild (CodeBuild), 21
\AAppStream (App Stream), 19	\ACodeCommit (CodeCommit), 21
\AAppSync (AppSync), 19	\ACodeDeploy (CodeDeploy), 21
\AAppWizard (App Wizard), 19	\ACodeGuru (CodeGuru), 21
\AArtifact (Artifact), 19	\ACodePipeline (CodePipeline), 21
\AAthena (Athena), 19	\ACodestar (Codestar), 21
\AAugmentedAIATwoI (Augmented AI A2I), 19	\ACognito (Cognito), 21
\AAur (Aurora), 19	\AComprehend (Comprehend), 21
\AAutoScaling (Auto Scaling), 19	\AConfig (Config), 21
\ABackintAgent (Backint Agent), 19	\AConnect (Connect), 21
\ABackup (Backup), 19	\AConsoleMobileApp (Console Mobile
\ABatch (Batch), 20	Application), 21
\ABottlerocket (Bottlerocket), 20	\AControlTower (Control Tower), 21
\ABraket (Braket), 20	\ACostExplorer (Cost Explorer), 21
\ABudgets (Budgets), 20	\ACostUseRep (Cost and Usage Report), 21
\ACLI (Command Line Interface), 21	\ADBMigrat (Database Migration), 21
\ACertMan (Certificate Manager), 20	\ADDB (DynamoDB), 22
\AChatbot (Chatbot), 20	\ADataExchange (Data Exchange), 21
AChime (Chime), 20	\ADataPipeline (Data Pipeline), 21
\ACloudDevKit (Cloud Development Kit), 20	\ADataSync (Data Sync), 21
\ACloudDir (Cloud Directory), 20	\ADeepComposer (Deep Composer), 22
\ACloudEndureDisasterRecov (CloudEndure	\ADeepLearningAMIs (Deep Learning AMIs), 22
Disaster Recovery), 20	\ADeepLearningContainers (Deep Learning
\ACloudEndureMigrat (CloudEndure Migration),	Containers), 22
20	\ADeepLense (Deep Lense), 22
\ACloudForm (CloudFormation), 20	\ADeepracer (Deepracer), 22
\ACloudFront (CloudFront), 20	\ADetective (Detective), 22
\ACloudHSM (CloudHSM), 20	\ADevFarm (Device Farm), 22

\ADirSvc (Directory Service), 22	\AFirewallMngr (Firewall Manager), 24
\ADirectConnect (Direct Connect), 22	\AForecast (Forecast), 24
\ADocumentDB (DocumentDB), 22	\AFraudDetector (Fraud Detector), 24
\AEB (Elastic Beanstalk), 22	\AFreeRTOS (FreeRTOS), 24
\AEBS (Elastic Block Store), 22	\AGameLift (GameLift), 24
\AECK (Elastic Container Kubernetes), 23	\AGlacier (Glacier), 24
\AECR (Elastic Container Registry), 23	AGlblAccelerator (Global Accelerator), 24
\AECS (Elastic Container Service), 23	AGlue (Glue), 24
\AECTwo (EC2), 22	AGroundStation (Ground Station), 24
\AECTwoAutoScaling (EC2 Auto Scaling), 22	\AGuardDuty (GuardDuty), 24
\AECTwoImgBuilder (EC2 Image Builder), 22	\AIAM (Identity and Access Management), 24
\AECTwoMFiven (EC2 M5n), 22	\AIQ (IQ), 24
\AECTwoRFiven (EC2 R5n), 22	\AInfrequentAccessStorageClass (Infrequent
\AEFS (Elastic File System), 23	Access Storage Class), 24
\AELB (Elastic Load Balancing), 23	\AInspector (Inspector), 24
\AEMR (EMR), 22	\AInteractive Video (Interactive Video), 24
\AElastiCache (ElastiCache), 22	\AIoTAnalytics (IoT Analytics), 24
\AElasticInference (Elastic Inference), 23	\AIoTButton (IoT Button), 24
\AElasticTranscoder (Elastic Transcoder), 23	\AIoTCore (IoT Core), 25
\AElasticsearchSvc (Elasticsearch Service), 23	\AIoTDevDefender (IoT Device Defender), 25
\AElemAppliancesAndSoftware (Elemental	\AIoTDevManagement (IoT Device
Appliances And Software), 23	Management), 25
\AElemLink (Elemental Link), 23	\AIoTEvents (IoT Events), 25
\AElemMediaConnect (Elemental MediaConnect),	\AIoTGreengrassCore (IoT Greengrass Core), 25
23	\AIoTOneClick (IoT 1 Click), 24
\AElemMediaConvert (Elemental MediaConvert),	\AIoTSiteWise (IoT SiteWise), 25
23	\AIoTThngsGraph (IoT Things Graph), 25
\AElemMediaLive (Elemental MediaLive), 23	\AKMS (Key Management Services), 25
\AElemMediaPackage (Elemental MediaPackage),	\AKendra (Kendra), 25
23	\AKeyspaces (Keyspaces), 25
\AElemMediaStore (Elemental MediaStore), 23	\AKin (Kinesis), 25
\AElemMediaTailor (Elemental MediaTailor), 23	\AKinDataAnalytics (Kinesis Data Analytics), 25
\AEvBr (EventBridge), 23	\AKinDataStreams (Kinesis Data Streams), 25
\AExpressWorkflow (Express Workflow), 23	\AKinFirehose (Kinesis Firehose), 25
AFSx (FSx), 23	\AKinVideoStreams (Kinesis Video Streams), 25
\AFSxForWFS (FSx For WFS), 23	\ALakeFormation (Lake Formation), 25
\AFSxforLustre (FSx for Lustre), 24	\ALambda (Lambda), 25
\AFargate (Fargate), 24	$\ALex\ (Lex),\ 25$

\ALicnsMngr (License Manager), 25	\ARoboMaker (RoboMaker), 27
\ALightsail (Lightsail), 25	\ARouteFiveThree (Route 53), 27
\ALocalZones (Local Zones), 26	\ASQS (Simple Queue Service), 28
\ALumberyard (Lumberyard), 26	\ASThreeStandard (S3 Standard), 27
\AMQ (MQ), 26	\ASageMaker (SageMaker), 27
\AMacie (Macie), 26	\ASageMakerGroundTruth (SageMaker Ground
\AManagementConsole (Management Console), 26	Truth), 27
\AMigratHub (Migration Hub), 26	\ASavingsPlans (Savings Plans), 27
\AMngdBlockchain (Managed Blockchain), 26	\ASecHub (Security Hub), 27
\AMngdStreamingforKafka (Managed Streaming	\ASecretsMngr (Secrets Manager), 27
for Kafka), 26	\AServerMigratSvc (Server Migration Service), 28
\AMngdSvcs (Managed Services), 26	\AShield (Shield), 28
\ANeptune (Neptune), 26	\ASimpleEmailSvc (Simple Email Service), 28
\ANeuronMLSDK (Neuron ML SDK), 26	\ASimpleNotifSvc (Simple Notification Service),
\ANitroEnclaves (Nitro Enclaves), 26	28
\AOpWk (OpsWorks), 26	\ASingleSignOn (Single Sign On), 28
\AOrganizations (Organizations), 26	\ASitetoSiteVPN (Site to Site VPN), 28
\AOutposts (Outposts), 26	\ASnowball (Snowball), 28
\AParallelCluster (Parallel Cluster), 26	\ASnowballEdge (Snowball Edge), 28
\APersHlthDbrd (Personal Health Dashboard), 26	\ASnowcone (Snowcone), 28
\APersonalize (Personalize), 26	\ASnowmobile (Snowmobile), 28
\APinpoint (Pinpoint), 26	\AStandardStorageClass (Standard Storage
\APinpointJourney (Pinpoint Journey), 26	Class), 28
\APolly (Polly), 27	\AStepFuncs (Step Functions), 28
\APrivateLink (PrivateLink), 27	\AStorGat (Storage Gateway), 28
\AProfessionalSvcs (Professional Services), 27	\ASumerian (Sumerian), 28
\AQuantumLedgerDB (Quantum Ledger	\ASupport (Support), 28
Database), 27	\ASvcCatalog (Service Catalog), 28
\AQuickSight (QuickSight), 27	\ASvlsAppRepo (Serverless Application
\ARDS (RDS), 27	Repository), 28
\ARDSforVMware (RDS for VMware), 27	\ASystemsMngr (Systems Manager), 28
\ARedshift (Redshift), 27	\ATBDeadline (ThinkBox Deadline), 29
\ARedshiftet (Redshiftet), 27	\ATBFrost (ThinkBox Frost), 29
\ARekognition (Rekognition), 27	\ATBKrakatoa (ThinkBox Krakatoa), 29
\AReservedInstReporting (Reserved Instance	\ATBSequoia (ThinkBox Sequoia), 29
Reporting), 27	\ATBStoke (ThinkBox Stoke), 29
\ARessAccessMngr (Resources Access Manager),	\ATBXMesh (ThinkBox XMesh), 29
27	\ATensorFlowon (TensorFlow on AWS), 28

\ATextract (Textract), 29	Instance Alternate), 4
\ATimestream (Timestream), 29	\RAurOracleInst (Aurora: Oracle Instance), 4
\AToolsandSDK (Tools and SDK), 29	\RAurOracleInstAltern (Aurora: Oracle Instance
\ATorchServe (TorchServe), 29	Alternate), 4
\ATrainCert (Training Certification), 29	\RAurPIOPS (Aurora: PIOPS), 4
\ATranFam (Transfer Family), 29	\RAurPostgreSQLInst (Aurora: PostgreSQL
\ATranscribe (Transcribe), 29	Instance), 5
\ATransitGateway (Transit Gateway), 29	\RAurPostgreSQLInstAltern (Aurora:
\ATranslate (Translate), 29	PostgreSQL Instance Alternate), 5
\ATrusTAdv (Trusted Advisor), 29	\RAurRDSInst (Aurora: Amazon RDS Instance),
\AVMwareCloudon (VMware Cloud on AWS), 29	4
\AVPN (VPN), 29	\RAurRDSInstAltern (Aurora: Amazon RDS
\AWAF (WAF), 29	Instance Alternate), 4
\AWavelength (Wavelength), 29	\RAurSQLServerInst (Aurora: SQL Server
\AWellArchitectTool (Well Architect Tool), 30	Instance), 5
\AWorkDocs (WorkDocs), 30	\RAurSQLServerInstAltern (Aurora: SQL Server
\AWorkLink (WorkLink), 30	Instance Alternate), 5
\AWorkMail (WorkMail), 30	\RCertManCertAuth (Certificate Manager:
\AWorkSpaces (WorkSpaces), 30	Certificate Authority), 5
\AXRay (X Ray), 30	\RCloudFormChangeSet (CloudFormation:
\RAPIGatewayEndpoint (API Gateway:	Change Set), 5
Endpoint), 4	\RCloudFormStack (CloudFormation: Stack), 5
\RAppMeshMesh (App Mesh Mesh), 4	\RCloudFormTemplate (CloudFormation:
\RAppMeshVirtGateway (App Mesh: Virtual	Template), 5
Gateway), 4	$\RCloudFrontDownloadDistr$ (CloudFront:
\RAppMeshVirtNode (App Mesh Virtual Node), 4	Download Distribution), 5
\RAppMeshVirtRouter (App Mesh Virtual	\RCloudFrontEdgeLocation (CloudFront: Edge
Router), 4	Location), 5
\RAppMeshVirtSvc (App Mesh Virtual Service), 4	$\label{lem:cont} \verb \ RC loudFrontStreamingDistr (CloudFront:$
\RAurAurInstalternate (Aurora: Amazon Aurora	Streaming Distribution), 5
Instance alternate), 4	\RCloudMapNamespace (Cloud Map Namespace)
\RAurInst (Aurora: Instance), 4	5
\RAurMariaDBInst (Aurora: MariaDB Instance),	\RCloudMapRes (Cloud Map Resource), 5
4	\RCloudMapSvc (Cloud Map: Service), 5
\RAurMariaDBInstAltern (Aurora: MariaDB	\RCloudNineCloudNine (Cloud9: Cloud9), 5
Instance Alternate), 4	$\label{lem:cloudSearch} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$
\RAurMySQLInst (Aurora: MySQL Instance), 4	Search Documents), 5
\RAurMySQLInstAltern (Aurora: MySQL	\RCloudwatchAlarm (Cloudwatch: Alarm), 5

\RCloudwatchEventBased (Cloudwatch: Event Based), 5	\RECSContainerOne (Elastic Container Service: Container 1), 9
\RCloudwatchEventTimeBased (Cloudwatch: Event Time Based), 6	\RECSContainerThree (Elastic Container Service: Container 3), 9
\RCloudwatchLogs (Cloudwatch: Logs), 6	\RECSContainerTwo (Elastic Container Service:
\RCloudwatchRule (Cloudwatch: Rule), 6	Container 2), 9
\RDBMigratSvcDBmigrationworkflowjob	\RECSSvc (Elastic Container Service: Service), 9
(Database Migration Service: Database	\RECSTask (Elastic Container Service: Task), 10
migration workflow job), 6	\RECTwoAMIRes (EC2: AMI: Resource), 6
\RDDBAtt (DynamoDB: Attribute), 6	\RECTwoAOneInst (EC2: A1 Instance), 6
\RDDBAtts (DynamoDB: Attributes), 6	\RECTwoAutoScaling (EC2: Auto Scaling), 7
\RDDBDDBAccelerator (DynamoDB: Amazon	\RECTwoCFiveInst (EC2: C5 Instance), 7
DynamoDB Accelerator), 6	\RECTwoCFivenInst (EC2: C5n Instance), 7
\RDDBGlblsecondaryindex (DynamoDB: Global	\RECTwoCFourInst (EC2: C4 Instance), 7
secondary index), 6	\RECTwoCSixgInst (EC2: C6g Instance), 7
\RDDBItem (DynamoDB: Item), 6	\RECTwoDBInst (EC2: DB Instance), 7
\RDDBItems (DynamoDB: Items), 6	\RECTwoDTwoInst (EC2: D2 Instance), 7
\RDDBTable (DynamoDB: Table), 6	\RECTwoElasticIPAddress (EC2: Elastic IP
\RDatasyncAgent (Datasync: Agent), 6	Address), 7
\RDirSvcADConnector (Directory Service: AD	\RECTwoFOneInst (EC2: F1 Instance), 7
Connector), 6	\RECTwoGThreeInst (EC2: G3 Instance), 7
\RDirSvcMngdMSAD (Directory Service: AWS	\RECTwoHMIInst (EC2: HMI Instance), 7
Managed Microsoft AD), 6	\RECTwoHOneInst (EC2: H1 Instance), 7
\RDirSvcSimpleAD (Directory Service: Simple	\RECTwoIThreeInst (EC2: I3 Instance), 7
AD), 6	\RECTwoInferentia (EC2: AWS Inferentia), 7
\RDirectConnectGateway (Direct Connect	\RECTwoInst (EC2: Instance), 7
Gateway), 6	\RECTwoInsts (EC2: Instances), 7
\REBApp (Elastic Beanstalk: Application), 9	\RECTwoInstwithCloudWatch (EC2: Instance
\REBDeployment (Elastic Beanstalk:	with CloudWatch), 7
Deployment), 9	\RECTwoMFiveInst (EC2: M5 Instance), 7
\REBSMultVols (Elastic Block Store: Multiple	\RECTwoMFiveaInst (EC2: M5a Instance), 7
Volumes), 9	\RECTwoMFivenInst (EC2: M5n Instance), 8
\REBSSnapshot (Elastic Block Store: Snapshot),	\RECTwoMFourInst (EC2: M4 Instance), 7
9	\RECTwoMSixgInst (EC2: M6g Instance), 8
\REBSVol (Elastic Block Store: Volume), 9	\RECTwoPThreeInst (EC2: P3 Instance), 8
\RECRImg (Elastic Container Registry: Image), 9	\RECTwoPTwoInst (EC2: P2 Instance), 8
\RECRReg (Elastic Container Registry:	\RECTwoRFiveInst (EC2: R5 Instance), 8
Registry), 9	\RECTwoRFiveaInst (EC2: R5a Instance), 8

\RECTwoRFivenInst (EC2: R5n Instance), 8	Event Bus), 10
\RECTwoRFourInst (EC2: R4 Instance), 8	\REvBrEvent (EventBridge Event), 10
\RECTwoRSixgInst (EC2: R6g Instance), 8	\REvBrRule (EventBridge Rule), 10
\RECTwoRescue (EC2: Rescue), 8	\REvBrSaasPartnerEvent (EventBridge Saas
\RECTwoSpotInst (EC2: Spot Instance), 8	Partner Event), 10
\RECTwoTThreeInst (EC2: T3 Instance), 8	\RFirewall (Firewall), 10
\RECTwoTTwoInst (EC2: T2 Instance), 8	\RGlueCrawler (Glue: Crawler), 10
\RECTwoXOneInst (EC2: X1 Instance), 8	\RGlueDataCatalog (Glue: Data Catalog), 10
\RECTwoXOneeInst (EC2: X1e Instance), 8	\RIAMAddon (Identity Access Management: Add
\RECTwozOnedInst (EC2: z1d Instance), 8	on), 11
\REFSFileSystem (Elastic File System: File	\RIAMDataEncrKey (Identity Access
System), 10	Management: Data Encryption Key), 11
\RELBAppLB (Elastic Load Balancing:	\RIAMEncrdData (Identity Access Management:
Application Load Balancer), 10	Encrypted Data), 11
\RELBClassicLB (Elastic Load Balancing: Classic	\RIAMIAMAccessAnalyzer (Identity Access
Load Balancer), 10	Management: AWS IAM Access
\RELBNetworkLB (Elastic Load Balancing:	Analyzer), 10
Network Load Balancer), 10	\RIAMLongTermSecCred (Identity Access
\REMRCluster (EMR: Cluster), 8	Management: Long Term Security
\REMREMREngine (EMR: EMR Engine), 8	Credential), 11
\REMREMREngineMapRMFive (EMR: EMR	\RIAMMFAToken (Identity Access Management:
Engine MapR M5), 9	MFA Token), 11
\REMREMREngineMapRMSeven (EMR: EMR	\RIAMPermissions (Identity Access Management:
Engine MapR M7), 9	Permissions), 11
\REMREMREngineMapRMThree (EMR: EMR	\RIAMRole (Identity Access Management: Role),
Engine MapR M3), 8	11
\REMRHDFSCluster (EMR: HDFS Cluster), 9	\RIAMSTS (Identity Access Management: AWS
\RElastiCacheCacheNode (ElastiCache: Cache	STS), 10
Node), 9	\RIAMSTSAltern (Identity Access Management:
$\verb \RE lasti Cache Elasti Cache for Memcached $	AWS STS Alternate), 10
(ElastiCache: ElastiCache for	\RIAMTemporarySecCred (Identity Access
Memcached), 9	Management: Temporary Security
\RElastiCacheElastiCacheforRedis (ElastiCache:	Credential), 11
ElastiCache for Redis), 9	\RInspectorAgent (Inspector: Agent), 11
\REmail (Email), 10	\RIoTAction (IoT: Action), 12
\REvBrCustomEventBus (EventBridge: Custom	\RIoTActuator (IoT: Actuator), 13
Event Bus), 10	\RIoTAlexaEnabledDev (IoT: Alexa: Enabled
\REvBrDfltEventBus (EventBridge: Default	Device), 13

\RIoTAlexaSkill (IoT: Alexa: Skill), 13	\RIoTThngBicycle (IoT Thing: Bicycle), 12
\RIoTAlexaVoiceSvc (IoT: Alexa: Voice Service),	\RIoTThngCamera (IoT Thing: Camera), 12
13	\RIoTThngCar (IoT Thing: Car), 12
\RIoTAnalyticsChannel (IoT Analytics: Channel),	\RIoTThngCart (IoT Thing: Cart), 12
11	\RIoTThngCoffeePot (IoT Thing: Coffee Pot), 12
\RIoTAnalyticsDataSet (IoT Analytics: Data	\RIoTThngDoorLock (IoT Thing: Door Lock), 12
Set), 11	\RIoTThngFactory (IoT Thing: Factory), 12
\RIoTAnalyticsDataStore (IoT Analytics: Data	\RIoTThngGeneric (IoT Thing: Generic), 12
Store), 11	\RIoTThngHouse (IoT Thing: House), 12
\RIoTAnalyticsNotebook (IoT Analytics:	\RIoTThngLightbulb (IoT Thing: Lightbulb), 12
Notebook), 11	\RIoTThngMedEmerg (IoT Thing: Medical
\RIoTAnalyticsPipeline (IoT Analytics: Pipeline),	Emergency), 12
11	\RIoTThngPoliceEmerg (IoT Thing: Police
\RIoTCert (IoT: Certificate), 13	Emergency), 12
\RIoTDesiredState (IoT: Desired State), 13	\RIoTThngThermostat (IoT Thing: Thermostat),
\RIoTDevDefenderIoTDevJobs (IoT Device	12
Defender: IoT Device Jobs), 11	\RIoTThngTravel (IoT Thing: Travel), 12
\RIoTDevGateway (IoT: Device Gateway), 13	\RIoTThngUtility (IoT Thing: Utility), 12
\RIoTEcho (IoT: Echo), 13	\RIoTThngWindfarm (IoT Thing: Windfarm), 12
\RIoTFireTV (IoT: Fire: TV), 13	\RIoTTopic (IoT: Topic), 13
\RIoTFireTVStick (IoT: Fire TV: Stick), 13	\RLakeFormationDataLake (Lake Formation:
\RIoTGreengrassConnector (IoT Greengrass:	Data Lake), 14
Connector), 11	\RLambdaLambdaFunc (Lambda: Lambda
\RIoTHTTPProtocol (IoT HTTP: Protocol), 11	Function), 14
\RIoTHTTPTwoProtocol (IoT: HTTP2	\RMngdBlockchainBlockchain (Managed
Protocol), 13	Blockchain: Blockchain), 14
\RIoTHardwareBoard (IoT Hardware Board), 11	\ROpWkApps (OpsWorks: Apps), 14
\RIoTLambdaFunc (IoT: Lambda: Function), 13	\ROpWkDeployments (OpsWorks: Deployments),
\RIoTMQTTProtocol (IoT MQTT: Protocol), 12	14
\RIoTOverAirUpdate (IoT: Over Air Update), 13	\ROpWkInsts (OpsWorks: Instances), 14
\RIoTPolicy (IoT: Policy), 13	\ROpWkLayers (OpsWorks: Layers), 14
\RIoTReportedState (IoT: Reported State), 13	\ROpWkMonitoring (OpsWorks: Monitoring), 14
\RIoTRule (IoT Rule), 12	\ROpWkPermissions (OpsWorks: Permissions), 14
\RIoTSensor (IoT: Sensor), 13	\ROpWkRess (OpsWorks: Resources), 14
\RIoTServo (IoT: Servo), 13	\ROpWkStackTwo (OpsWorks: Stack2), 14
\RIoTShadow (IoT: Shadow), 13	\ROrganizationsAccount (Organizations:
\RIoTSimulator (IoT: Simulator), 13	Account), 14
\RIoTThngBank (IoT Thing: Bank), 12	\ROrganizationsOrgUnit (Organizations:

Organizational Unit), 14	Tiering), 16
\RRDSProxy (RDS Proxy), 14	\RSThreeSvcOneZoneIA (S3: Service One Zone
\RRDSProxyAltern (RDS Proxy Alternate), 14	IA), 16
\RRedshiftDenseCmputNode (Redshift: Dense	\RSThreeSvcStandard (S3: Service Standard), 16
Compute Node), 14	\RSThreeSvcStandardIA (S3: Service Standard
\RRedshiftDenseStorageNode (Redshift: Dense	IA), 16
Storage Node), 14	\RSThreeVPCAccessPts (S3: VPC Access
\RRekognitionImg (Rekognition: Image), 14	Points), 16
\RRekognitionVideo (Rekognition: Video), 15	\RSagemakerModel (Sagemaker: Model), 16
\RRoboMakerCloudExtensionsROS (RoboMaker:	\RSagemakerNotebook (Sagemaker: Notebook),
Cloud Extensions ROS), 15	16
\RRoboMakerDevEnvironment (RoboMaker:	\RSagemakerTrain (Sagemaker: Train), 16
Development Environment), 15	\RSecHubFinding (Security Hub: Finding), 16
\RRoboMakerFleetManagement (RoboMaker:	\RShieldShieldAdvanced (Shield: AWS Shield
Fleet Management), 15	Advanced), 16
\RRoboMakerSimul (RoboMaker: Simulation), 15	\RSimpleEmailSvcEmail (Simple Email Service:
\RRouteFiveThreeHostedZone (Route 53 Hosted	Email), 16
Zone), 15	\RSimpleNotifSvcEmailNotif (Simple Notification
\RRouteFiveThreeRouteTable (Route 53: Route	Service: Email Notification), 16
Table), 15	\RSimpleNotifSvcHTTPNotif (Simple Notification
\RSQSMessage (Simple Queue Service: Message),	Service: HTTP Notification), 16
16	\RSimpleNotifSvcTopic (Simple Notification
\RSQSQueue (Simple Queue Service: Queue), 16	Service: Topic), 16
\RSThreeBkt (S3: Bucket), 15	\RSnowballImportExport (Snowball: Snowball
\RSThreeBktWithObjs (S3: Bucket With	Import Export), 16
Objects), 15	\RStorGatCachedVol (Storage Gateway: Cached
\RSThreeGenAccessPts (S3: General Access	Volume), 17
Points), 15	\RStorGatFileGateway (Storage Gateway: File
\RSThreeGlacierArchv (S3 Glacier: Archive), 15	Gateway), 17
\RSThreeGlacierVlt (S3 Glacier: Vault), 15	\RStorGatNonCachedVol (Storage Gateway: Non
\RSThreeObj (S3: Object), 15	Cached Volume), 17
\RSThreeRepli (S3: S3 Replication), 15	\RStorGatTapeGateway (Storage Gateway: Tape
\RSThreeRepliTimeControl (S3: S3 Replication	Gateway), 17
Time Control), 15	\RStorGatVirtTapeLibrary (Storage Gateway:
\RSThreeSvcGlacier (S3: Service Glacier), 15	Virtual Tape Library), 17
\RSThreeSvcGlacierDeepArchv (S3: Service	\RStorGatVolGateway (Storage Gateway: Volume
Glacier Deep Archive), 15	Gateway), 17
\RSThreeSvcIntellTiering (S3: Service Intelligent	\RSystemMngrAutomation (System Manager:

Automation), 17
\RSystemMngrDocuments (System Manager:
Documents), 17
\RSystemMngrInventory (System Manager:
Inventory), 17
\RSystemMngrMaintenanceWindows (System
Manager: Maintenance Windows), 17
\RSystemMngrOpsCenter (System Manager:
OpsCenter), 17
\RSystemMngrParameterStore (System Manager:
Parameter Store), 17
\RSystemMngrPatchMngr (System Manager:
Patch Manager), 17
\RSystemMngrRunCommand (System Manager:
Run Command), 17
\RSystemMngrStateMngr (System Manager:
State Manager), 17
\RTranFamFTP (Transfer Family: AWS FTP), 17
\RTranFamFTPS (Transfer Family: AWS FTPS),
17
\RTranFamSFTP (Transfer Family: AWS SFTP),
17
\RTrusTAdvChecklist (Trusted Advisor:
Checklist), 18
\RTrusTAdvChecklistCost (Trusted Advisor:
Checklist Cost), 18

```
\RTrusTAdvChecklistFaultTolerant (Trusted
       Advisor: Checklist Fault Tolerant), 18
\RTrusTAdvChecklistPerformance (Trusted
      Advisor: Checklist Performance), 18
\RTrusTAdvChecklistSec (Trusted Advisor:
       Checklist Security), 18
\RVPCCustomerGateway (VPC: Customer
      Gateway), 18
\RVPCENA (VPC: Elastic Network Adapter), 18
\RVPCENI (VPC: Elastic Network Interface), 18
\RVPCEndpoints (VPC: Endpoints), 18
\RVPCFlowLogs (VPC: Flow Logs), 18
\RVPCInternetGateway (VPC: Internet
       Gateway), 18
\RVPCNATGateway (VPC: NAT Gateway), 18
\RVPCNetworkAccessControlList (VPC: Network
       Access Control List), 18
\RVPCPeeringConnection (VPC: Peering
      Connection), 18
\RVPCRouter (VPC: Router), 18
\RVPCTrafficMirroring (VPC: Traffic Mirroring),
\RVPCVPNConnection (VPC: VPN Connection),
\RVPCVPNGateway (VPC: VPN Gateway), 18
\RWAFFilteringRule (WAF: Filtering Rule), 18
```