19/12/21 DATE PAGE 93 Day 16/100 AWS #ECS - ECS [clastic Container Service] - Launch Docker Container on RWS - You must provision & maintain the infrastructure (the 602 instance) - Aws take care of Sterting / Stopping Conking - Has integrations with ALB ECS Service New Docker Contaker GCZ BHG 602 Bulance Any time GCS have new Container It 18
Smortly enough on which the blace
of GCZ integra blace that the BIS

PAGE 94 # Fargate · Lounch Docker Containers on AWS · You don't provision the infrastructure Cno GC2 instances to manage - Simpler · AWS just suns Conkiners for you based on the CPU/RAM you need New Docker Conking Fargate ECR [ Existic Container Registry] · Private Docker Registry on Aws.
This is where images 80 they can be run by ECS or Forgate

19/12/21 DATE TO T PAGE 95 # Serverless Serverless is new foradigm in which the developers don't have to manage services anymore. They just deploy Code.
They just deploy functions. They sust deploy functions.

They serverless = Faas (Function as a Server )

Serverless was prontered by Aws Lambde |

Lut new also includes anything that's |

managed: destroyers, messaging storage etc.

Serverless class not mean there are no Servin -it means you just dan't manage / promos Isee than 6 · Vistual functions - no servers to manage.

· Limited by time - Short executions

· Run on -demand

· Scaling is automated. It Benefits of Avs. Lembon · Easy Poicing!

· Pay per request and Comparte time

· Free ther of 1000000 Ans Lombola

requests & 40,000 GBs of Comparte

Fine Zolne. BIS

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Integrated with the wa	
· Grent - Driven: Sunctions 9 · Integrated with many	et invoked by Aws
America Marinet 19 Mar	
· Gary monitoring though	The state of the s
· Cary to get more Y	6 8 cures per function
· Bucreasing Ram will	also Improve CPU
HAWS Lombola Language	
· Nado. 18 (JovaScript)	The second second
· Java C Jora & Compatible	- fizi-
· Oxlang	o lest feet dure
· Ruby Custom Runtime API	Community support, orashle
· Lambda Container Image	Ruf)
· The Confainer image	The state of the s
Lambda Runtime APD.  GCS/Forgete 18 pre	bred for running arbitron Docker mage

PAGE 97 DATE H Example: Serverless Thumbrail Creation Push Trigger New thomanus New Smageins3 Execte a Thymbroal Metadata in Dynamo DB Lambda Pricing · Pay per calls - Fixst 1000000 requists are from
- \$0.20 per 1 million requise thereafter

(\$0.0000002 per requisit · Payfer duration: (in increment of 1 ms)
- 400,000 GR-seconds of Combute time her - == 400,000 seconds of function 15 16B = = 3,200,000 Seconds of function is 12 mms - After that \$1.00 to boy 000 GB - secendo

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	· + Le con M.
	Lambda So it's very bobblen
120	1 population