29/12/2021 PAGE / 30 DATE Day 22/100 # Aws Cloud Trail :> · Provides governance, Compliance and audit for your AWS account · Claud Trail is enabled by defaul? · Get on history of events / APT calls made Within your Aws Account by: -AWS Services · Can put loys from Claud Trail into Claud Wordet · A trail can be applied to All Regions (defalt) or a single Region a resource is delated in Aws, investigate => Cloud Trail Diagram -> Consale IAM VELIS

PAGE [3 1 #Claydrail Events >> · Management Gyden's: -deations that are ferformed on resources in your Aws account - Example: - Configuring Sourity [IAM Addach Role Policy]
- Configuring rules for routing data
(Amozon BC2 (xxxxtes Rolened) - Setting up logging CANS Cloud Trul Corcle Ball - By default, smils are Configured to log, management of Con Separate Read Events (That don't Can Separate Read Events Chet don't mothy rescurces) from write Events (that may maly resources) · Data Guents1 - By defoult, data events are not logged a Chaque Righ volume operations? - Amozon S3 object - level actify Cou! Get Object, DeleteObject , PutObject) -6-PWS Lambda function execution activity (the invoke API). es

29/11/21 PAGE / 32 · Cloudfruil Insights 6 vents -> Enable Cloud Trail Insight to Letect unusual octivity in your account: - ingavote rescurce provisioning. - Litting Service limits. - Bursts of AWS IAM actions Gabs in beriadic maintance activity -> Cleut trail Insight analyzes normal management events to create abusine -> And then Continuously onalyzes writes exemple detect unusual pattern. - Homolies appear in he Claudtrail Gosole Event is sent to Ameron S3. - An EventBridge event is generated (for outementer Continuous Coudtrail IF Claydisail Events Retention --> 6 vents are stored for 90 des cleud trail.

-> 10 kep exents begind this hence leg

Them to S3 and use Athena

29/2/21 PAGE 133 DATE Management Guns. Claytrail A thener Data Evins. 90 days S3-Burket Brsish Gun. Long tom rate retention # HWS Y-Ray Debugying in Production, the Good Old way!

- Text locally

- Add lay 84 tements everywhere

- Re-deploy in bridge hor · Ley formate differ across applications & leg analysis is hard.

· Debugging: One by monolish "easy" distributed. 5 6 Common view of your entire orchidative · Ender _ AWS V-Ry! >X-Ray Advantages - Trousblishering performance (bottlenechs)
- Understand debendencing in a microsomay

Orchitecture eks

29/1/21 PAGE / 3 4 DATE - Understand dependencies in a microservice origin - Pinfaint Service Issuer - Review regulat believour - Find errors & exception - Are we meeting time SIA? - where I am Knottled - Thentify we that are impaded # Amazon Colowru-· Hm Ml - howered service for outomated code veriew and application performance recommends · Provides two Sunctionalikes - Cadesuru Reviewer! Outemated Cade rever kr Stylic Cede analysis (development) - Code Guru Profiler! Visibility/ recommondersion about application performance during runting (production) CodeGine Profiler CodeGure Reviewar Dected & chimine

the enginesia lines

of cade Bre-Brd and Cost impresance Bull-in Cade Tim with ocherable recommendation 7. Deplay -> Measure Build 7651

29/12/21 DATE PAGE [1 3 5 # Aws Status - Services Health Dashboard · Show all regions, all service Realth.

· Show Ristorical information for auch day.

· Has on RSS Leed you can subscribe to Roths: 1/8tatus. aws. amazon. Com. # AWS Personal Hooft Dashboard [AWS PND] · Aws Personal Health Dashboard knowler alis and remediation guidance when Dus
is experiencing events that may impact while the Service Health Dashboard Services , Personal Health Dashboard, gares you a presonalized view into the performance and availability of the Aws services Underlying your Aus resources · The dashboard display relevant and timely information to bell you manage 0000 events in progress and privales bygochie politication to help you plan for scheduly achy no.

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