Module 3: CHLOBAL INFRASTRUCTURE & RELIABILITY Selecting a Region is Dompliance with data governance and requirements : -7 Depending on your company and midar 2 location, you might need to run data specific oreas. Example: regimes all of its your company e within the bour of UK Chook 1 then londen

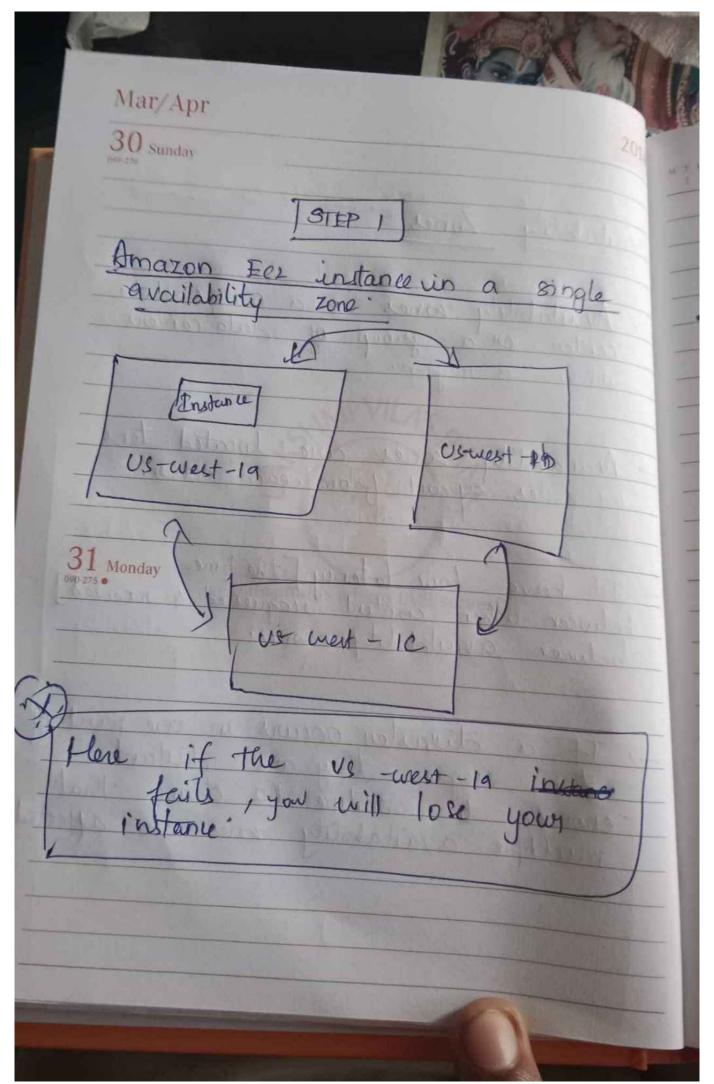
1

March 2014 22 Saturday De Proximity to your customore. Selecting a region close to your customer will help you to get content to them faster Your company is in Washington De and many of your customer live in Sunday Singapore . Enstead of running your infrastructure close to company headquaters of run the application from singapore region

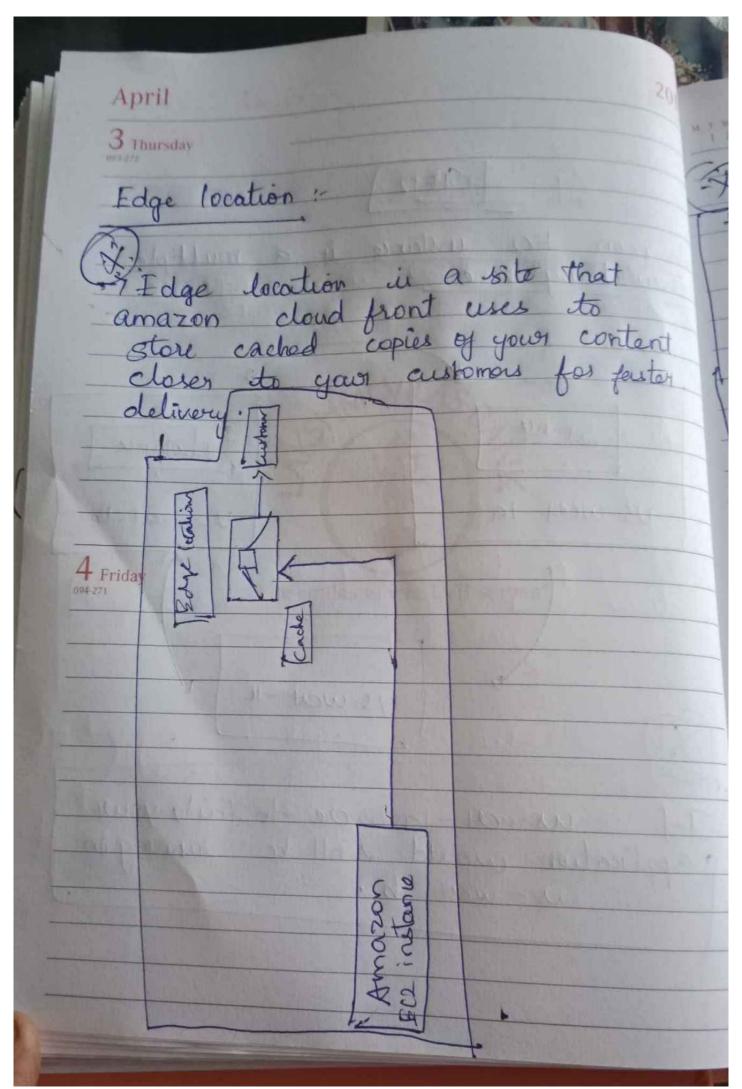
MINIFES MINIFES M T W T F S S M T W T F S S M I W T F S S 10 11 12 13 14 15 16 17 10 19 20 21 22 23 24 25 26 27 28 29 30 MTWFFSS MTWTFSS Monday Z 3 Available 3 equices within a tregion: of Some times the closet region might not have all the feature that you want to open to custom Suppose that your developer want to application that uses Amazon Braket. Amazon Braket is not available the developer sun it region one of the region that al

March 201
26 wednesday  Pricing s
Suppose that your are considering running application in both the United States and Brazil.
more to run same workload
T327 Thursday
The Cost of services
oregion to region. can vary from

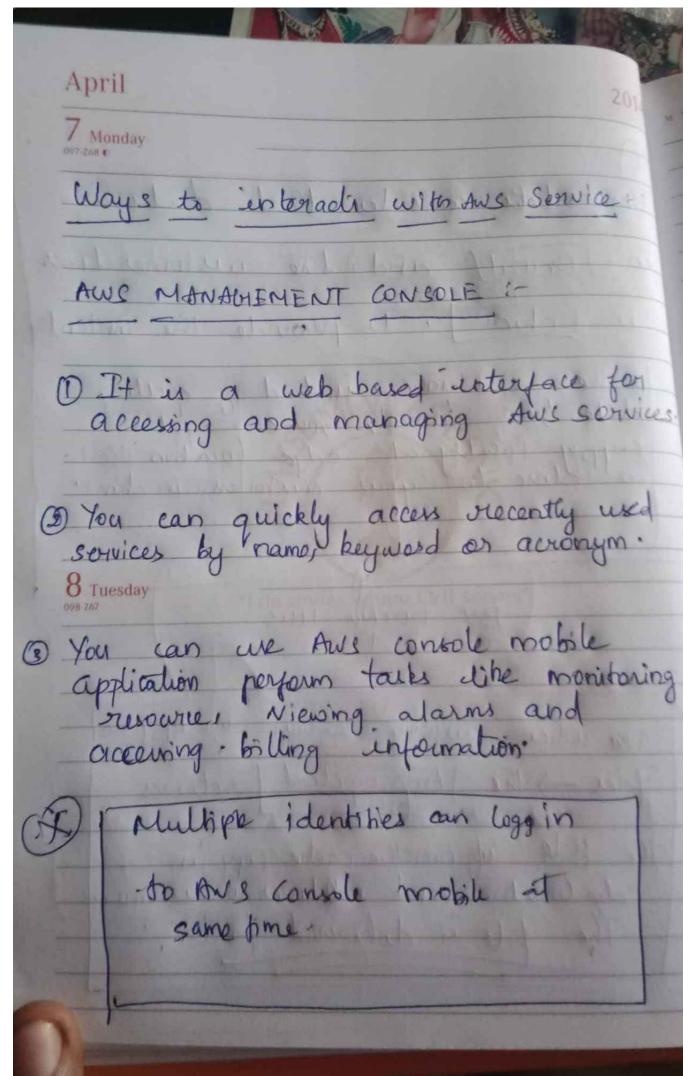
M T W T F S S M T W T F S S M T W T F S S 3 4 5 8 7 B 9 10 H 12 13 14 15 16 17 18 19 20 21 22 23 MEWTESS Friday 28 Availability Zones :+ 7 Availability zones in a songle data center or a group of within a region. - Availability zones are located of miles aport from each other. between when content requested & vaccived between availability roner disaster occurs in one part of o region, they are distant to to reduce the chance that availability some are affected



2014 MENTERS MINISTER STREETS WINDS STREETS Tuesday 1 STEPL Amazon Ecz instance in a multiple availability zone Instance Instance Us-west-16 US-West -19 Widnesday Z Us west - IL If us-vest-la were to feil, your application would still be running in cus - west - 16.



SI T W T F S S M F W T F S S M I W T F S S M I W T F S S M I W T F S S M I W T F S S M I W T F S S M I W T F S S Saturday 5 Here lets consider that data is Brazill and the wishomer lives 1 chim . To provide the content to the currency, instead of getting data from brazil, you can get a coppy locally at edge location that is close to your currences in china BY DOING THIS The when customer nequests one of your files -> The Tomason cloud retrives the file infrom the cache copy in edge location and deliver to customer. he file in delivered factor.



2014 MTWIFES MITHIFES SET WILLIAM STREET WILLIAM STREET AWS command line interface on windows, macos & your. directly from the command line within one bool, -> By using Aulell you can Thursday 10 are commands to launch April a2009 ECZ Instance.

April 11 Friday 3 of houre development bit 29 It is also used to access and manage Aws services. -7 SDK enables use to Awa service with your existing applications or create entirely new applications that will run on auc. 12 Saturday JOK Supports programming language Like (++, java, NET.

Sunday 13 AWS Flashe Beanstelle. - Woing EBS you can provide O code @ Configuration celtimi deploys resoprices to perform -OAdjust capacity @ Load balancing 3 Automatic scaling @ Application health monitoring

April 15 Tuesday Aws Cloud Formation -> Using Aws cloud formation, you can treat your terprastructure as Means build an Wedneyby can environment by willing lines Aus management conside to Individually provide resources.

MINTERS MEME M T W T F S S M T W T F S S M T W T F S S T B D 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 123456 Thursday perform and also roll back changes automatically if it detects evers.