	SURYA Gold Date Page
2 A	18 security Pillor:
78	The security filler includes the ability to protect
_	data systems and assets by the relp of cloud to
_	improve security
	To Automorphism
	Design principles:
	The second of th
	· Implement a strong Indentity
	· Enable traceability
	. po protect the data in transit and at rest
	· Automate best practices
	Variet Daniel Daniel Daniel
	Aws Services-
	1. IAM-Identity And Acess Management
	2 MFA-Tokon
	3. Aws Organizations
	4. Aws config
	s Aws closed watch
	6 AWS Cloud Trail
whi.	7 AWS UPC 8. AWS Shield
11/2	9 AWS WAF
	10 S ₃
	11. Km5
	ID. AWS ELB
	Blumin to bold of the
3.	Pallabilita Pillon -
	If it the ability of a workload to perform is
	intended functions o do contractly and confishency
	It is the ability to operate and test the
	workload.

	SURYA Gold Date Page
	Design Arimciples!
240	1 PM and Market
	- Stop guesting capacity
	-> Scalability
	Aws Services 1
	+ IAM
	2. VPC 3. Amazon cloudwatch
	4. Cloud Tercul
	6. Aws config
	7 · 53
	The state of the s
4-	Performance Efficiency:
	The performance Efficiency pillon includes the
171	to meet system requirements and to
	maintown the efficiency as demand change
	Design prénciples :
	- Go Gelobal in minutes
02	· Use Serverless orchitectures · Experiment more often
within	Advanced Technologies
	the design of plants of the second of the

	SURYA Gold DatePage
	Aws Services -
	p Aws Lambda
_	2. Aws Auto scaling
	3. Amazon RDS
	4 Aws cloudwatch
_	5 AWS ROS
10	6 Awmazom cloud+ront
	7. Amazon 53.
	89/4
5	Cost Optimization
	This pillar includes the ability to run systems
	to deliver bussimess value to the Cowest price point
	In the distribute therefore
	Design principles:
	· Implement cloud financial management
	- measure efficiency
	- Analyze expenditure
100	AWS Sources +
	1- Aus Budgets
	2. Aws cost explorer
	3. Aws cost usage and reports
TH.	4. Auto scaling
15	s Aws Lambola
	6. Spot Instances
	Complete
6.	Sustainability +
	The discipline of sustainability address the
(Ivs.)	the long-term environmental conomic and
	societal impact of your bussiness activities.

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	Design P	vinciples+	(1881.7)	
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	- maximire	Utilization	little serving	Smile of
	· Use man	aged service	253 de	
			eam impact	
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6	capacity Storage charge	Albertan Mary	30 days	128KB 30 days per 618
6	capacity Storage charge Retrieval fer Storage Type	23 - - - object	30 days - Object	128KB 30 days per 618 065cd
	capacity Storage charge Retrieval fer Storage Type	object	30 days	128KB 30 days per 618 065W
	capacity Storage charge Retrieval fee Storage Type	object	30 days - Object	128KB 30 days Per 618

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		DatePage
83	AWS EC2 shared Responsibility	model
Ans	1700 0 0 0	
	shored Responsibility model of EC	2.
	Siecute 1855 CA Siecute	
	Responsibility of Users:	
	- security of the data lat nest	
	- Security Goroup rules	
	- Sof tware updates & utilities	
	- Os patches a updates	
	- IAM iser management & IAM	Roles for H
	Instance	, ne
	Responsibility of Aux-	
	- Security of the physical hosts	
	- Compilance validation	
	- Intrastructure	
2 1 4	> fault-tolerance	
102000	ment much a breeze	1200-12
4.	what is well as	
US VERY	what is Aws market place?	88 BC
Aus	Aws market aloca	HP .
14	buy on sell the softwares.	ne we can
00/00	in softwares.	
13000	Aws marketplace is an online st	. 11 +
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A S	SURYA Gold DatePage
5	write a detailed Aws support plans
Ans	Different types of AWS support plans are
-	· Basic plan
	· Developer plan
_	· Enterprise On-Ramp
	- Enterprise
	· Bussiness plan
	Basic Support plan
	the state of the s
	-) Customer service & Communities
	24x7 access to customer service, documentation,
	white papers and support forums
	The second second second second second second second
	- Aus Trusted Advisort
	Acces to 7 core trusted Advisor checks and
	quidance to provison your resources
	2 and 2 that the state of the s
	- pws personal Health Dashboard
	Aus Developer Support plant
	All basic support plan +
	Business hours email access to cloud Support.
	- Sas Unlimited cases / 1 primary Contact
	Freneral guidance 224 business hours
	- System Impaired 412 business hours
-	Marine III and the Control of the Co
2	

S	URYA Gota
Date	0014
	138

	Page
1	
	write IAM (vser, group and policies) generation prom
6	write IAM (vser, group and)
R	n 11 11 1 1 Access Management
	1 AM - Identity And Access Management
	Frankon is a with souther than the souther
	control access to Aus resources
	Users: 1 Am you represents a person ex
	application that uses its credentials for making Aus resource request
119	Aws resource request
	Creating 1Am User !
	1 Sign in to the AWS management console
	and open the IAM console.
	8 () + + 16.51
	2 Navigate to Users
	3 click on Add User
	84. Enter the name of user (new). This will be
	the sign-in name for user.
	5. Select the type of access this user will have
	a Auto generated password
	b. 10 custom password
	Type the password that will be used
	11. CLT Access
	6. Chase next
	7. Set will go to set Permission
	and was have three and
	can be selected

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- · Add users to group choose the option if you want to add user to one or more groups that already have permission policies.
 - · Copy permission Can copy permission, boundaries of existing Users to new users
 - · Attach policies directly! We can attach list of Aws managed and so customer managed policies. Select the policies that are wanted to attack.
- 8 set permission boundaries (optional) 9 choose Next
- 10. Carr add meta data
- 11. Review and create page.

Also can download user's password in - CSV

what is Ausade Pipeline?

20

AWS code pipeline is a continous delivery service you can used to made visualize and automate the steps required to release your software You can quickly model and configure the different stages of a software nolease process It also automates software changes continously

	DatePage
q.	what is Aws outposts?
406	The splan if he want his
- Anje	Aws outposts is a fully managed that extend
	and attractive services infis and
	took to rustomer permises. By providing in
	weeks to ours.
arthu	Anis nuterals enables customer to bluid and
	applications on premises using the same program
	Interfaces as in AWS
	- I that pellete disable
10.	What is EFS and setup precedure
P.S	and the testing transpolarities
	Amazon EFS is a Blastic file storage service
	to store and create files for Aws and on-
	priemises resources
	TO THE WEST TO STATE OF THE STA
	Procedure + All All
	In Roman with which I may
	sign in to Aus management console and open
455- 1	the Amazon Efs Console
	2 choose create file system and open
	3. Enter a pame for your file system
	4 choose your upc (default or custom)
told is	s Select storage das
34	· Standard
-12	· onezone
	6. click on create
1	at the same of a supplication of the same
marke	mount EFS to instance using
	mount command

		DatePage
1		
1	11	What is AWS FSX Lusture Explain
1		Amazon ISA for lusture is an ISX solution that offers scalable storage for lusture system. (Parallel and high - performance file storage system
+		and hight performance competing.
		· Offers to choose between SPD and HOD for storage
Ì	13-	what is kinasis 1
İ	B	
Ì		Amazon kinesis is a managed, scalable, cloud-
		based service that allows real-time processing
		of streaming large amount of data per second
		makes it easy to collect, process and analyze
		streaming data in real-time
		- kinesis data streams
i		- Kinesis data finchouse
		- Kinesis data Analytics
		- Kinesis Video streams
_	-900	at explant
		AWS Gilue Explains!
	Ans	It is an serverles data integration service manage entract transform and load (ETL) service
		. Useful to prepare and transform data for analytics
	15.	AUS Shield)
	A	Aws shield is to protect from DDOS attack.
		· Aws Shield standard
		· Aws Skield Advanced

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10	1	DatePage				
	40	On prom, IAAS, PAAS and SAAS detailed				
1	5.	Shared Responsibility model diagram : Customer vs Aux				
1	2					
1		On prem IAAS CUSTOMET SAAS				
-	-	Application	Afflication	Application v	was Application	
8		pata	Data use	" Data J	Pata	
1		Runtime	Runtime	Runtime	Runtime	
-	iole	middlewax	middlevare	middlewase	middleware	
1	- 1	0/5	0/5	0/5	ds	
U	J. Pal	Visualization	Visualization	Visual jutions	Uts.	
-		Servers	servers	Servers	Servers	
		Storage	Storage	Storage	Storage	
		Networking		N/W	NW	
		managed	managed	managed	All managed	
	tool 1	by usery	by service	bey source	by sexurice.	
		customer	Provides	provider	provides	
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100	20-	those to do	one bill pro	orded for mul	tiple accounts	
4	9	Cost cart will	Who at a second	1: 1 1111 1	in t	
-		Inorder to	have contra	lized bill for	accounts	
-		we have A	ws Organization	Islanda a silve	NA.	
-		Aug muchalte	A Complete	11011 11/11 21	and ilite	
100	3550	thus corganiza	ations provides	1 a the	accounts.	
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By	2	Anstrance War	ross which	boundaries "		
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	TA .	region only	and can the	refore only be	remapped.	
1	22	Letreen Inst	ances within 7	that region.		
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