	5) Edict the serverlys and free to induce provider:
	senvi's rest-capi
	providur:
	name: a ws
	tantime: nocle j's 14. v
	Stage : der
	region: us-east-1
	funchiony:
	obb.
	hand us: hundles app
	event-s:
	- http://
	path: 1
	method: any
3 15 34	This configuration specificy the service no
	provider settings and defines the Lambde
	with HTIP event trigger.
	6] east hundles; s to add the express app:
100	const express = require l'expression
1	const Serverius: require ('expres,'):
	compt server
2 2 20 1	constappi. expreescs:
	app-get ('I helloworld: (reg. reg) => re
	musage: "Hello world'3));
lans.	module exporte app: Serverles (app):
	This creates a simple Express app u
	Single route thelloworld and exports it
	lamban - compatible format.
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depley the service:	
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The above command removes all Aws	
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there are no changes for onused services	
my interprite a different management of the form	
Case Study for sonarquhe:	
create your profice in sonarquibe for testing	
project quality.	
use sanarchord to analyse your github code.	
Install Sonustint in your Java Intelly I of on	
Explise IDE and analyse your Juva Code.	
Analyse Dython project with Sonargube.	
analyce mode; s project with sonarqube.	
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	create your own profile in sonaroube from
	1) Download and the 6'le 2 Start the server off
	running: , 1 bin 1 windows - x86-64/ Stewsone.
	Twis launches Sonarquibe locally and country
	acused at http:// local host: 9006.
	access using the departs
	(user - name: admin : password: admin). After (og)
	in change the password.
	2) Amigte to projecte tals, click on creat
	assign a project key and name and generate a
	project token.
A who	The same of the sa
	use Sonur Cloud for analyse your githus
	it sign up for sonarcloud from the official a
	using your githlub account.
A	27 In Songer Cloud under Projects > Create Project
B 254	Choose your gittlub repository and great s
	Cloud acers to it
	3) Add a sonour-project properties file intre
	of your repository with the following court
	sonour project ky = 2400r project-ky
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	4) Use some scan me to analyse the code by
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soncer times in your Java Intellis or fulful sonartion by going tour install sonartion by going onto Intellit or Ediples going to pluging Marketplace and sources for Sonarline In the 106, configure Somewhint by linking it good Sonurbube or sonurcional project to syne spend Juva Project and View Sonances Line to apolly se it. It will display issue directly in the Sometime provide feel him tadback or code quality bused on Sonarchube rule Analyse python project with sonuroube: 1set up a Python code in a project & ensure that Sonandule in running locally. a) lours loud and configure som kannes from it Official website and in the sonar-project property files edit to include the tollowing: Somer project key = Python project Soon language : py sonus, soury. 31 pur the analysis of the Project by executing the following from the projet diretory Shour. Scanny. The results will be pushed to your local bonordy surus and the analysis is visible on the day h be a lar. FOR EDUCATIONAL USE

Analyse woodey's project with Sonawowbe. 1) set opa Node j's projet. 2) in sonarosule, ensure that au Jel 7/92 plugins have been installed. Pluging can be from the number place tab in Sonardrube. project soneur root en inchen Sonces project ky : node project Sonay - language . J'S Somey govers. 4) Run the analysis at the project by execus he sonus-scanny 1 cons num Orobe will analyse the Node is proje show results on the dashboard, highlighting ca quality, bugs by volumobilities. 03) At a large organisation your centralises inhustrature requisis Jow can see Transforce a self self-server intrasmoture and that lets product teams manage i'r own infrastructur, i'ndependenty. You can a use Terraform modules that codify the stand for deploying and managing serving in your organization, allowing trame to elibriciantly deploy serving in your serving to organization FOR EDUCATIONAL USE

generale new in trabboucher a customate generale new in trastructure roqueste. wating a set -service infrastructure model wing water for a large braunisation involves the office in trastructure standards intrastructure diplogramment including bons, resource types, tacquing naming be verticed, resource types tagging policing and jonistening across the organisation 402: creat Tevraporm module: perelet reusable Terrahorm moduly based on sporte and configurations, allowing teams to deploy module define to the constitution. photospectore efficiently and consistently. ups: set of Terragarm Cloud en Enterprise: Tournation Cloud or Inturprise for centralist management of con figurations and state file, enabline, collaboration and access control for infrastructore Changes. spai configure rension control: integrate Terralger m moduly with version control (eg- gittlub). The's tracks changes facilities belaboration and ensures proper versioning for population of compatibility - FOR EDUCATIONAL USE

Step 5: Integralt with service now or other lokering systems:Integrals with systems live service - Now other bickelsing systems. Supo: Provide Documentation 3 Training: create downertation & training for using Toros moduly 3 submitting requests. helping teams understand & follow best practing Step): Monitor & Support Monitor the usage of the self-searcies made 24 provide orgaine support- to user gathe fullback helps relightly Pain point 3 any for improvement, ensuring that the intrastruct remaine complaint and efficient. Styp &. Ityat & Improve: Regularly review and update Terraform Model docupled - mentation 30 policies based on fudbeck & chargines organisational rudy continoncy ; toustion enhance effectioner, securit compliance. By following above steps, organisations caner product fearus to manage their own intr through a standardised terraform approach Epitacol)

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