SEPM Assignment 2

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	and nevops Engineer pole and Perponsibility.
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	what is perops of a collaborative apporach where teams Devops is a collaborative apporach where teams
>	Devops Ps a collaborative appointed software in work together to build and declivers recure software in confirmed software development (dev)
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,	and operations cops) to decide now to accetuate
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Ý	fast feedback, and Pteratrie importanent sulld
	on agre Methodology perope aceates a culture of
	accountantally collaborations and mis-
	for business outcomes.
	Core Principles Line in the second of the se
ı	1) Devop and test proproduction like environments.
	, as bepory bulles frequently
	(3) continuously vaildate operational quality.
	e., Seet, et and the stant of
	Devops Practices
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	continuous Plan (Plan operate)
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	Contenuous test. continuous continuous
	Testing test. Continues continues wonting
	Jeving rand



Continuous Development This is the phase that involves planning and mangency build of the software application's er get, gethub, maven etc. continuous Testing.: continous testing is executing automated testis, continuously and repeatedly against the base of and the various depolyment environment It is a coftware testing methodology while focuses on achering continous quality and improvement ex -> Bamboo, applum. continuous Integration continuous integration refers to the build and only testing stages of the software releases process. Every revision that is committed religions an automated bulld and test By: Jenkins, Trans (), chicle. > Infrastruture management. without automation, maintaining large some modern's ystems can be resource - Protenspire undertak. Eng and can read to encreased rick and the manaul error configuration and resource, management is a automated method for.



Devops Engeneer Poles
A Devops engineer manages a company's IT mo infrastructure, bilding development and operation
ma infrastructure, bildging development and operation
key responsibility.
Proclude 0-
Technical Responsibility.
Tradement development a testing and autorist
a Let UP infractoreture and work
o code review and responsibilities.
a Plan Serial trousies ()
and mointein all interest
a Security implementation and morntoring.
Management Responsibilites
Understand customers requirements and repla. Structure and activities.
structure and activities.
Dan ram bolders
Manage stareholders
perpre development and operational processes.
coordinate team communication
Mointor customers experience.
Provide periodic progress reports
identor team members.



configuration management Infrastructure as when Ps the pratese of describing as software runtime enfirmment and networking settlings and parameters in simple textual Upormat , that can be stored in your version control system (vcs) and versioned on request there test file are called manifest aceld are used by scrops tools to automatically provision and configure valid servers. Meroservice Archecture pockers is a tool designed to make it earser to create, thept depoly and run application by using containers containers allows a developer to package up an application with all of the part it near, such as lebrares and others dependenties and depoly It as one package by dorng so, thanks to the containers the developers can rest assured. croud Based Devops perops automation is becoming loud centre most public ond private cloud computing provides support Devops Systematically on their part platform, including

continuous integration and continues development en: amazon web services, amazon lambda, google cloud etc.