



Continuous development. This is the phase that involves planning and coding versioning and managing build of the software applications functionally ex: git, github, moven etc. Continuous testing is a collaborative approach supprise transmitted Continuous testing is sovere cuting automated tests, Continuously and repeatedly again the code base and the various deployments environments. It is a isoftware testing methodology which focuses on acheryma continuous quality and improvement. Continuous integration: Continuous integration regers to the build and unit testing stages of the software redeases reporcess quiery roussion that is committed an automailed birild and test. ex: Jenkins, Travis (1, circle ci 2014 on 29 2000) Continuous delivery and deployment:

It originate from continuous delivery go a method to develop build and lest new code rapidity with automation is that only code that is known to be good becomes post of a software product. tout contest evolution)



equipolificastructure managementique buot stories box modern + IT systems i can be a resource of intensive undertaking one can lead to increased rusk due to manual method for computer software is a

known consistent state

Configurational management of the practise of describing all

software counting and notworking is things. in your version control systems (VCS) and reasoned sequest text files are called manifest and are used by Devops tooks to automationally provision and configure buit server testing and production environment Missosevice architecture Docker is a tool designed to make it easier to oreate, deploy and our applied by using containers It allows developers to package up an application with all of the things it needs, such as librarier and other dependencies and deploy it as one package. By doing so, thanks to the container the developer can rest, absured that the application will sun on any other linux that machine might have ex Nugus, etc. Cloud based Devops: Develop automation is becoming cloud contric most public

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and private cloud computing provide support. Devops

Systematically on their platform; including continuous integeration and continuous development tools. Devops Engineer voles & responsibilities and 1. Develop and manage CICD pipelino: 2. Monitor system performance and deployments.

4. Ensure application and infrastruture security. 5: Collaborate with development and operations teams 2000 6 Manage 1 cloud resources and scalability of 7. Responde to sistema incidents and acredices downtime. had answer whosheretus of elect equal poi configure but server testing and production continue Microsenvica architecture Docker is a tool designed to make it easier to execte deploy and sun apple by using containous to allows in developers to package up an application with all all the things it used such as library and other dependencies and deploy it as one package by don thanks to the contained the dividopen can rest about told senail rodo pap so ous lieu origosilago out tout madrine might have : 290v90 bosed buol) teoro sistem bluets pormased es mollomatus galavas