Assignment 2

Of why is DevOps a major requirement in Today's

development & operations teams together to complete software development. It allows organizations to create & improve youther at a faster pace than they can with traditional software development approaches.

Reasons of Devops being a major sequirement in Today's

- 1) Storder Development Cycles, faster Innovation
- 1 Reduced Peploymond Failures, Roll backs & Time to Reconer.
- 3 Improved Communication & Collaboration
- 4 Increased Efficiencies.
- 3) Reduced Costs & IT Head Count

OZ Explain all the Devops tools in Details

Ans

1 Purpot

· It allows the delivery of release of bechnology changes quickly (Exequently.

· It has features of versoning, automated testing & continous delinery.

It enables to manage entroe infrastructure as code without

expanding the size of team.

· It is easy to defloy because it does not use any agents or custom security infrastructure on client side. I by pushing modules to clients.

· These modules are executed locally on the clial-side and the output is pushed back to Ansible server.

(3) Rocker

· It is a high-end Devops tools tools that allows building, ship & our distributed applications on multiple systems.

· It also helps to assemble the apps quickly from the Components & it is typically suitable for container managenet

· It allows boring secrets into swarm itself.

· It is one of the more useful Perops. It wan determine the errors & occhy them with the help of network, ploastouter, server le log mondoirez systems.

- This a open-source distributed version control system.

 That is brelly available for everyone. It is designed to handle minor to major projects with speed & efficiency.
 - . It is developed to co-ordinate the work among programmer
 - · The version control allows you to track & work together with your team member at same workspace.
 - · Jais used as a contral distributed version control
 for Devops tool.