

Aim: To understand Devops, principles, practices and Devope notes · Der Ops is the combination of two words, one is Development and other is operations. It is a cultime to promote the developementand operation process solvetlively. · Dev Ops helps to increase organisation speed to deliver applications and convice. It also allows organisation to serve Their customer better and complete more strongly in the market. · De vops con also be datined as a sequence sofdevelopment and IT operation with better Communications and collaboration. . Devops has become one of the most valuable business disciplines you enterprise or organization. With the help of Devops quality, and speed of the application delivery has improved to a great Build - Without DevOpe, the cost of the consumption of the resource was exacuated based on the predatinal individual usage with tired hardense allocation. And with perops, the usage of doud, Showing of nesources comes into the picture, and with is dependent. upto the user's need, which is a mechanism to control the usage of

Description of capacity.

Description of the code of the code to be used,

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which ensures writing the code for business, helps to truck changes

actual and the expected output.

3 Test - The application will be ready for foundation affer testing. It consumes more time in testing of the code to the putput. The testing can be automated moving the code to the nutput The testing can be automated which decreases the time for testing so that the time to deple the code to production can be reduced as automating the number of many monual steps. in Plan - Devope was Agile methodology to plan the development, with the operation and development teem in sync, it help in plan accordingly to increase productively Monitor: Continous monitoring is used to identify any risk of Joilune. And it helps in toracking the system accurately swither. the heatth of the application can be checked. The monitoring becomes more comfortable. with service where the log date. may get monitored through many third parity I Do't Buch 6) Deploy - Mony system can support the scheduler for automated capture accusate insights and view the optimization Scenoiso analytics on trends by the the deployment of dashboards. 7) Operate - Devops shange the traditional approach of developing and testing ceperately. Theteen, operate in a collaboration way when both the team actively participate throughout the service lifecycle. The operation team interact with developer, and they come up with a monitoring plan which somes the IT and Business neguvernents. But when the deployment is made to the production environment



it is done by monual triggering. Hony processes involved in necesses management commonly used to do the deployment in the production environment monually to leven the impact of the Principles Dale Based Decusion making. · Customer contrui decision making. · Constant Improvement. · Responsibility twog hout the likeyde. · Failure as a leavining opportunity. · Dev Ops is on excellent approach jor quick development and deployment. of application. · It responds juster to the marked changes to im prove business De vops escalate busines profit by decreasing softwar delivory turis
and temporation with. Devops clears the des ouption proces, which gives clarity on product development and delivery.

It improves customer repriens and satisfaction. · Developing with Dev Ops is so expensive:

· Adopting new Ops dechnology into the technology is hard to managin · Lack of Dev Ops knowledge con be a problem in the Continuous integration

Conclusion: Hence, we have known what suppose and its