

SEPM Assignment-1.

Aim:	To	unde	rsta	ind Devi	ope, pri	naples,
10					roles	
233711	res	ponsibil	ities	0 0000	mu 2 1 1	1.5

Theory:

0

1

Definition: Devops is the Combination

of 2 words one is development

and other is operations. It is

a culture to promote the

development and operation process

Collectively.

Devops helps to increase organization

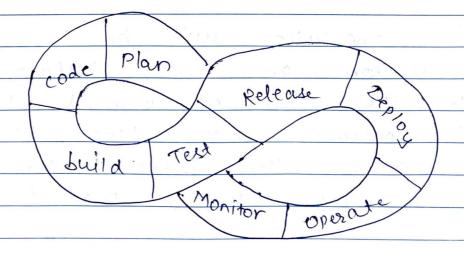
Speed to deliver applications &

Services. It also allows

Organizations to server their

Customers better and complete more

Strongly in the market.





1. Ruild:

without Devops, the west of
the cosumption of the resources
was evaluated based on the predefined hardware allocation and
with devops, the usage of cloud,
sharing of resources comes into the
picture, and the build is
depend upon the user's need.

2. Code:

Many good practices such as git enables the code to be used, which ensures writing the code for business, helps to track changes, getting notificated about the rousen behind the difference in actual & expected output.

3. Test:

The application will be ready for production on after testing.

In the case of manual testing it consumes more time in testing and moving the code to the output.

Will remove many manual steps.



	4. Plan:
	> Derope use Agile methodology
	to plan the development with
	the operations and development
	iteam no in a sync . Ite
1	no nouseware aditable and see the second
	songered congress of the
	5. Moniter:
	-> Continuous monitoring is used
	to identify any rick of failure.
	Also, it helps in tracking the
	system occurately so that the
	health of the application can be.
,	checked.
	a remarkable.
	6. Deployer man
	=> Many systems can suppost the
	schedules for automated deployment.
	Analytics on trends by the
	deployment of dashboards.
	divording the property of the sample.
	7. operate:
	=> Devops changes the traditional
	approach of developing and
	testing seperately. The operation.
	team interacts with developers.
	Se they come up to business.
	requirement.
	o cytu o o rico co.



	8:						
	Release:						
× 9	Deployment to an envisonment						
	can be done be automation,						
	But when the automation is						
	made to the production environment						
	it is done by manual triggering.						
	Principles:						
	· Collabosation						
	· Data based descicion making						
	· Customes Centric Decusion Making						
	· Constant improvement						
	· Responsibility throughout the life cycle						
	Automatic						
	· failur as a learning oppusturity.						
	Manager Court & Bure Walley Court & State Co						
×	Advantages:						
	ethenshing in the second						
	Devope is an excellent approach						
	for quick development & deployment						
	applications.						
	- Denotes clears the descriptive process						
	which gives clasity on paraduct						
	which gives clasity on product development & delivery.						



•	Dt	improves	customes	experience &
	3	atisfaction.		

Devops means collective responsibility
which leads to better team
engagement & productivity.

* Disadvantages:

developes are less available.

· Adopting new devops technology into the industries is hard to manage in a short time

Conclusion:

Hence, we have known what devops is and its advantages & disadvantages.