ADVANCED DEVOPS EXPERIMENT NO 5

*	Aim: To understand terraform lifecycle, core concepts/
	terminalogies and install it on a linux machine
· to	owor windows will last enjoy to yours of a
	2 Ega suoisos Atros
*	Theory: - for strisagram trisising & someway is
	· sychordrostal
lodl	Terratorm is a open source infrastructure as
G.	code (IAC) tool developed by Hashicorp. It allows
adom	user to define and provision infrastructure
	using a high level configuration language known
2/11/1	
	ox JSON. Textaform supports a wide range of
SAF	cloud providers, such as AWS, Azure, Google Good
	and on premises solutions, enabling users to
	manage infrastructure accross multiple environments
	consistently.
	* Conclusion
	Terraform Lifecycle:
23	antonismus bar edgenos seas set 11A
	O Write: - Write the configuration Bile.
"	2 Initialize - Initialize working directory.
1112	3 Plan: - Execution plan is created based on
*	conkiquation kiles.
	@ Apply: - Apply the desired changes.
-	@ Apply:- Apply the desired changes. 3 Destroy:- Destroy the infrastructure managed
	by terratorn.

290VIG DIMAVGA
SDS Page No.
Date | |

O Providex: - Plugins that allow it to interact with various APIs. @ Resources: Represent components of your infrastructure. 3 Modules: Containers for multiple resources that gradidentare used go together is (3/17) 350 @ State: A Kile that keeps back of infrastructure managed by texraform.

S Variables: Used to make configurations dynamic and of reusable of format MORT @ Outputs: Used to extract information from the Les pallainfrastrichisers estaring as but * Conclusion : All the core concepts and terminalogies of the terratorm were indestrood along with 9t's lifecycle. Also installation of terratorm was also done successfully. paparous seriostanting out hastand . hastand







