

Solutions Architecting on Cloud

PRACTICAL – 1

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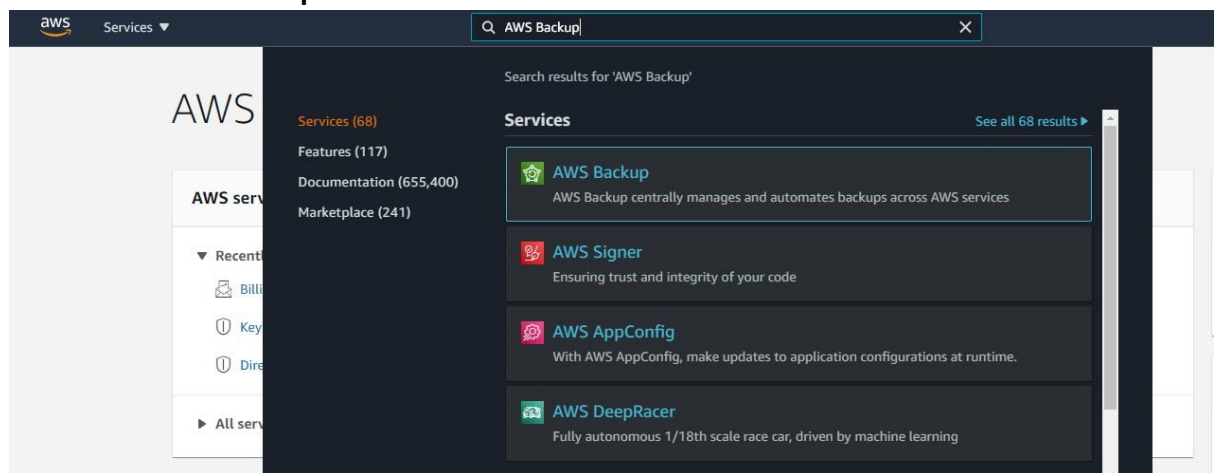
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Amazon EC2 Backup & Restore using AWS Backup

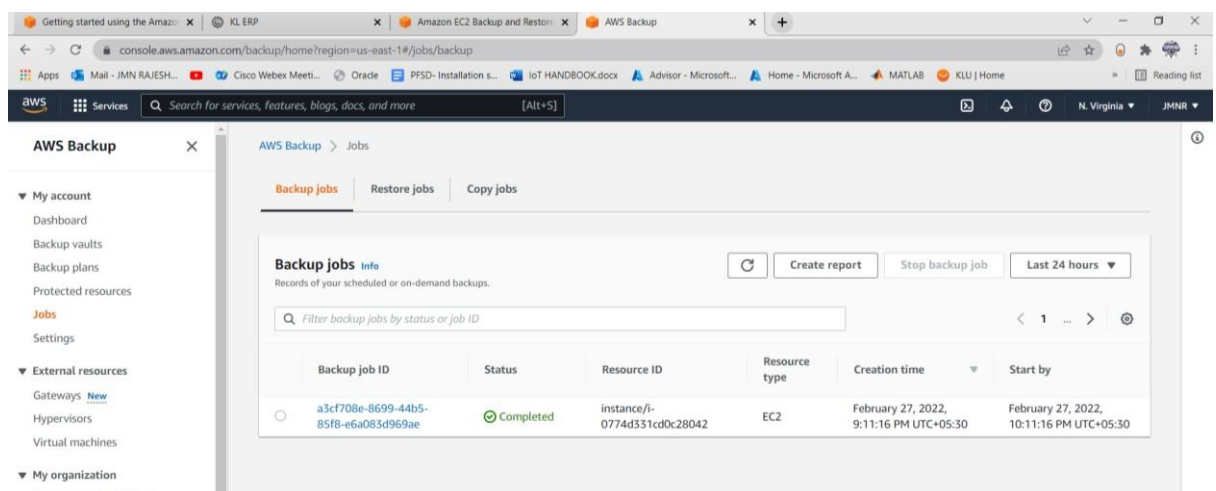
Ans-

Steps to do-

1. Go To The AWS Backup console.



2. Configure on an on-demand AWS Backup job of an Amazon EC2 instance.



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3. configure an automatic AWS Backup job of an amazon EC2 instance.

Creating backup plans, Creating Backup wallet, assigning resource configurations has been implemented

The screenshot displays the AWS Backup console interface. On the left, the navigation menu includes 'My account', 'External resources', 'My organization', and 'Backup Audit Manager'. The main content area shows the 'EC2-webapp' backup plan configuration. It includes a 'Summary' section with details like 'Backup plan name', 'Version ID', 'Last modified', and 'Last runtime'. Below this, the 'Backup rules (1)' section shows a single rule named 'EC2-Dailies' with a 'webappBackups' vault and a '-' destination. The 'Resource assignments (1)' section at the bottom shows a single assignment for 'EC2-resources' with an IAM role ARN and a creation time of February 27, 2022, 9:21:10 PM UTC+05:30.

Name	IAM role ARN	Creation time
EC2-resources	arn:aws:iam::580857476620:role/service-role/AWSBackupDefaultServiceRole	February 27, 2022, 9:21:10 PM UTC+05:30

4. Restoring your Amazon EC2 instance using AWS Backup

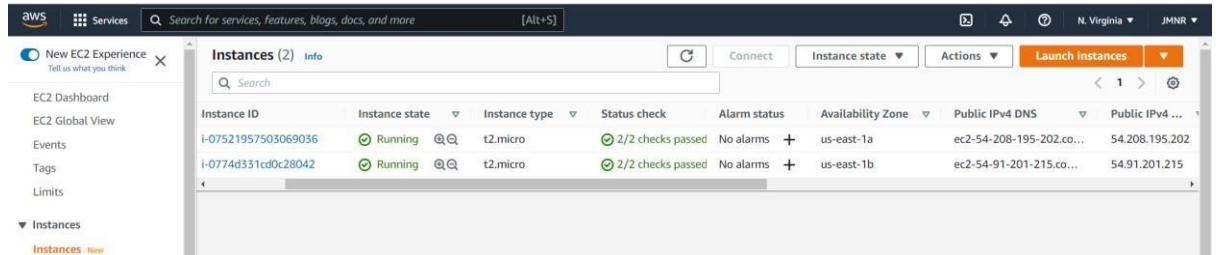
The screenshot displays the AWS Backup console interface, specifically the 'Restore jobs' section. The left navigation menu is visible. The main content area shows a table of restore jobs. The table has columns for 'Restore job ID', 'Status', 'Resource ID', 'Resource type', 'Creation time', and 'Recovery point ID'. A single job is listed with a status of 'Completed'.

Restore job ID	Status	Resource ID	Resource type	Creation time	Recovery point ID
9D8F9CB9-21B5-37F7-E5B8-467EFF52F3D8	Completed	instance/i-07521957503069036	EC2	February 27, 2022, 9:24:18 PM UTC+05:30	ami-00d18d3bf0561acb7

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5. — Checking for your restored Amazon EC2 instance



Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4 ...
i-07521957503069036	Running	t2.micro	2/2 checks passed	No alarms +	us-east-1a	ec2-54-208-195-202.co...	54.208.195.202
i-0774d331cd0c28042	Running	t2.micro	2/2 checks passed	No alarms +	us-east-1b	ec2-54-91-201-215.co...	54.91.201.215

6. Clean UP.