**TS SDP4 (Cloud DevOps)**

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**Skilling-8**

Create second availability zone in VPC (another public and private subnets) followed by proper routing routing tables and use it to host another ec2 instance which is created as a resemblance of the first one which you had done. Now make elastic load balancer to control the traffic and ensure the hosted application is been delivered form both the instances in live.

Create launch templates and use those in auto scaling group to auto scale the instances. Connect the auto scaling with your ec2 and instances created and make that you application is auto scaled when the CPU utilization crosses the 70% mark. Set these in alarm to trigger the auto scale event and ensure that, additional instances are created for serving, when the load goes up.

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