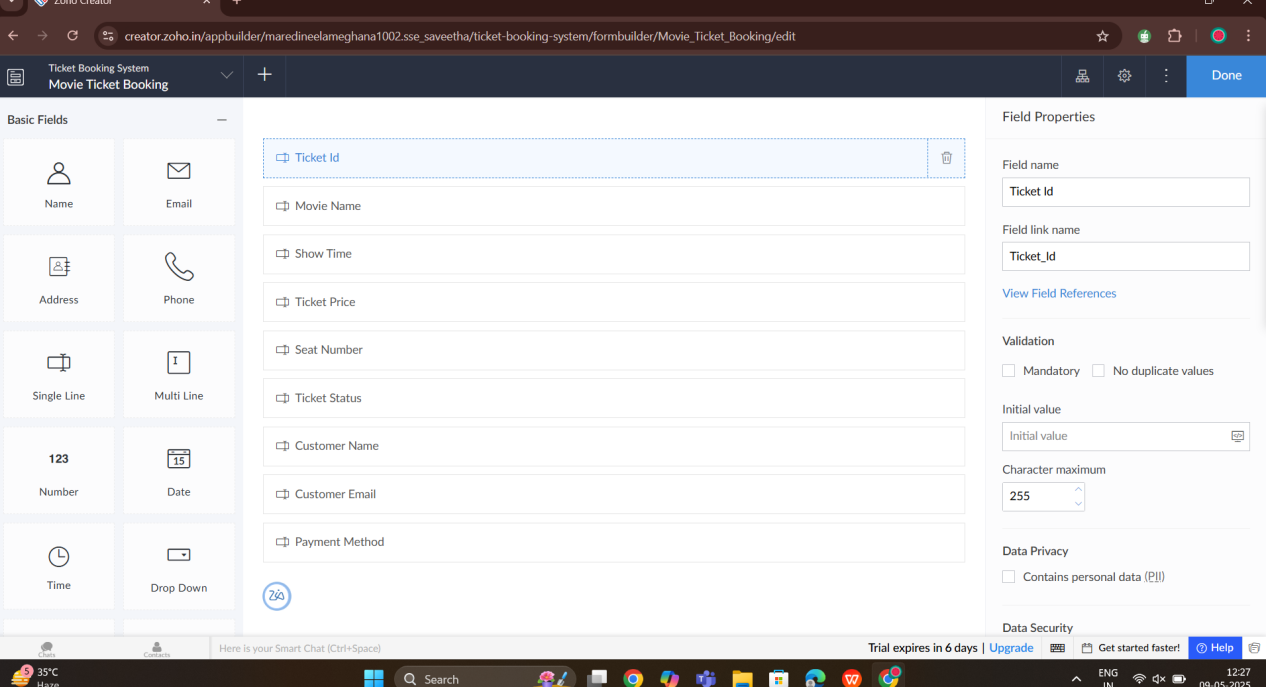
**CLOUD COMPUTING AND BIG DATA ANALYTICS EXPERIMENTS**

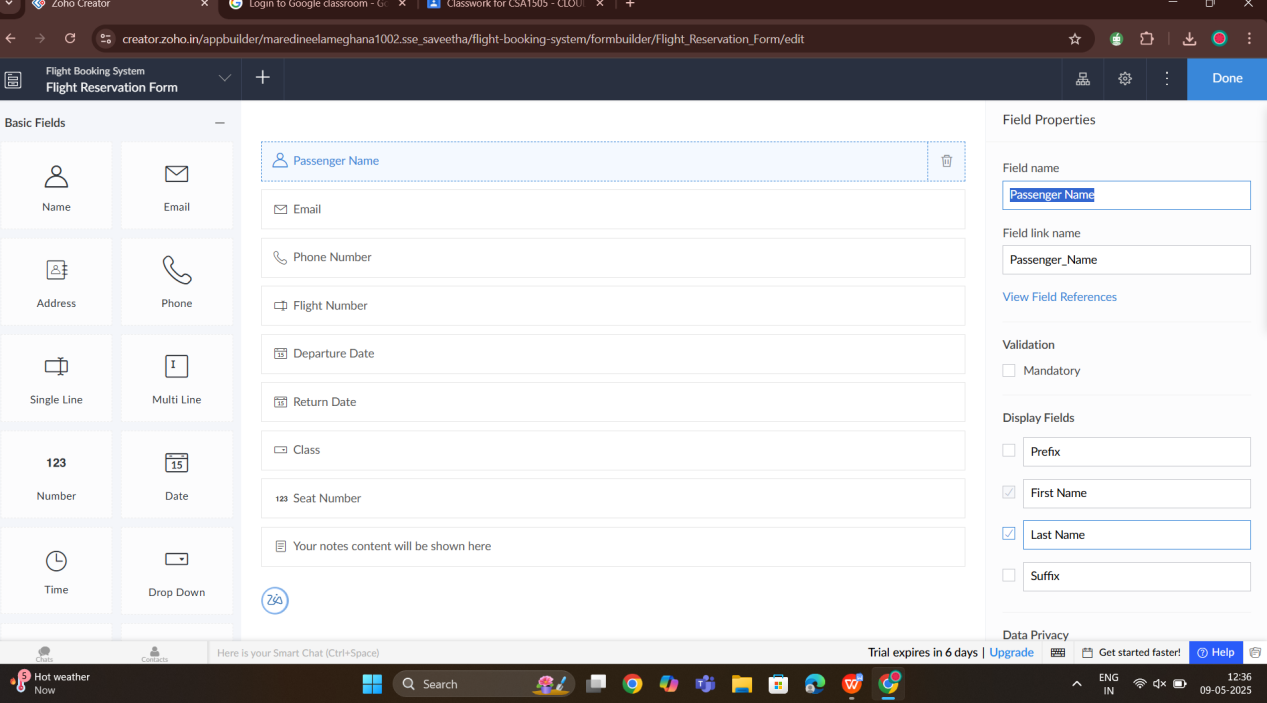
**EXP NO 1: CREATE A SIMPLE CLOUD SOFTWARE APPLICATION AND PROVIDE**

**IT AS A SERVICE USING ANY CLOUD SERVICE PROVIDER TODEMONSTRATE**

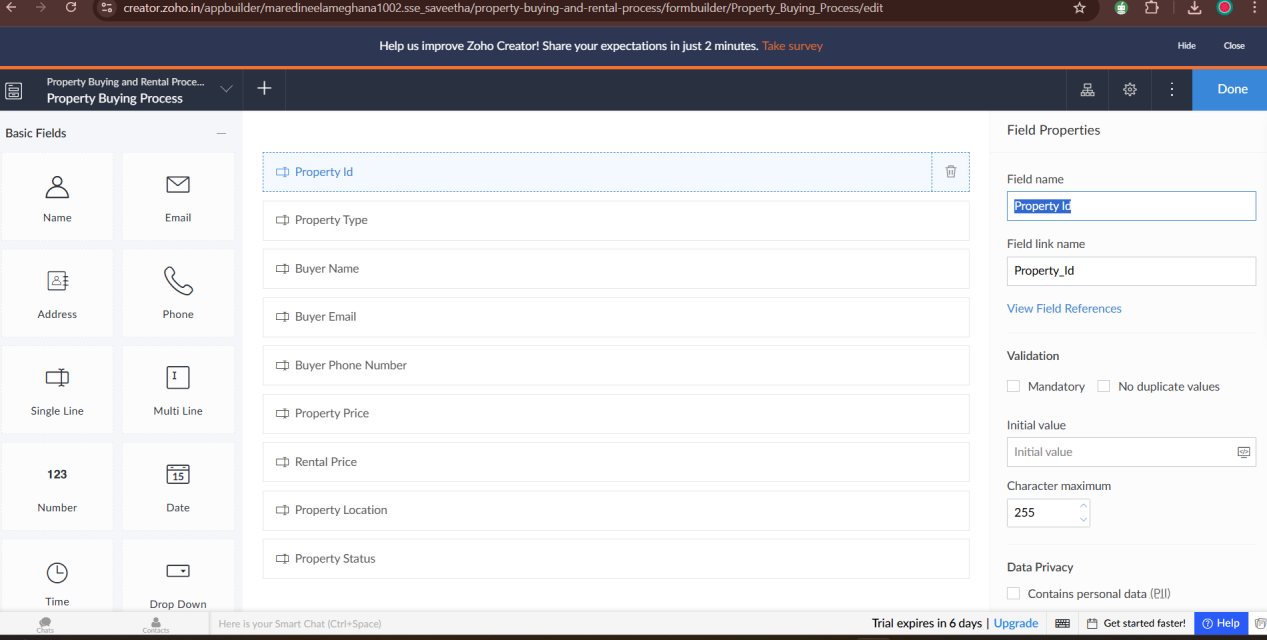
**SOFTWARE AS A SERVICE (SAAS).**

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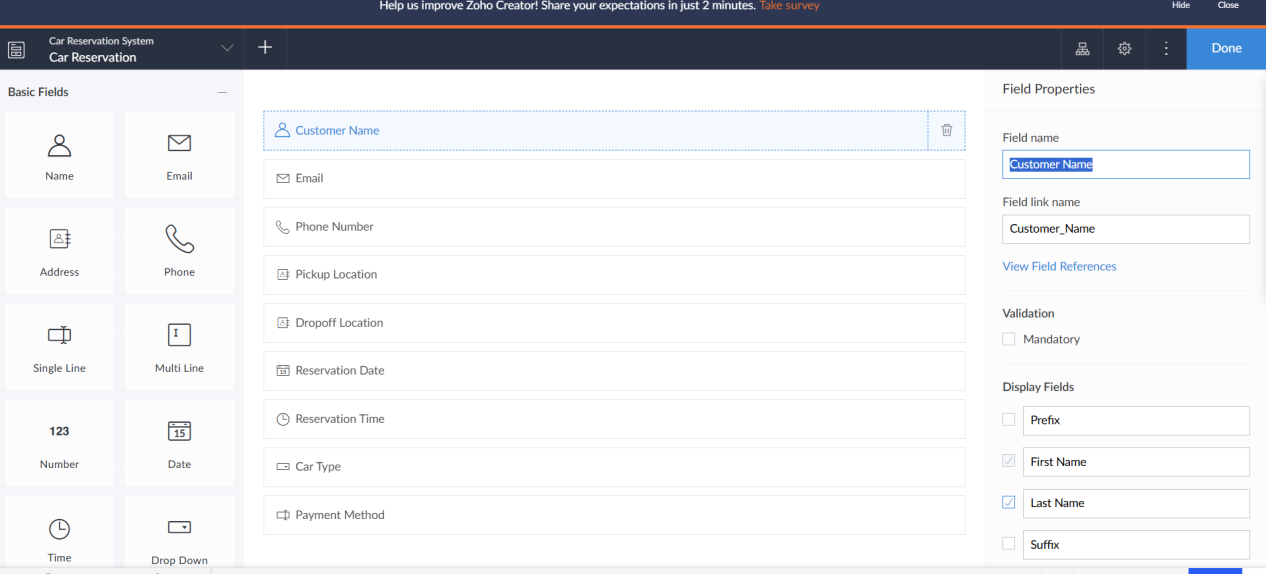
**EXP 2 : FLIGHT RESERVATION SYSTEM - SAAS**



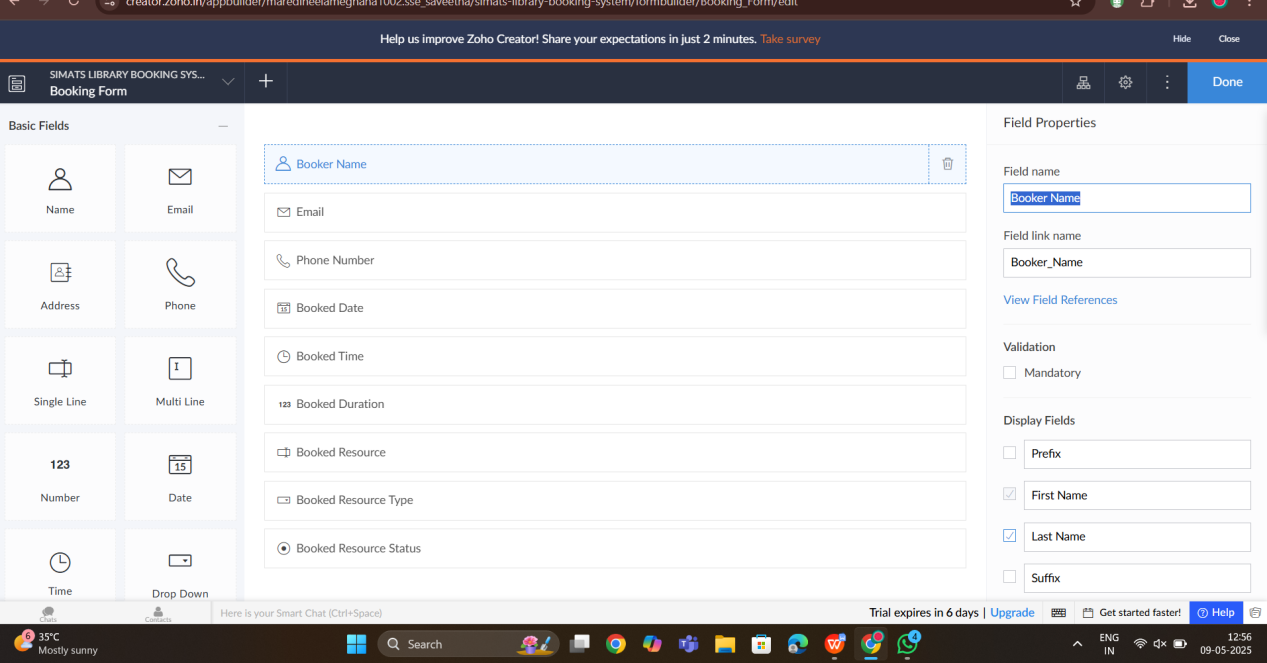
**EXP NO 3: CREATE A SIMPLE CLOUD SOFTWARE APPLICATION FOR PROPERTY BUYING & RENTAL PROCESS (IN CHENNAI CITY) USING ANY CLOUD SERVICE PROVIDER TO DEMONSTRATE SAAS.**



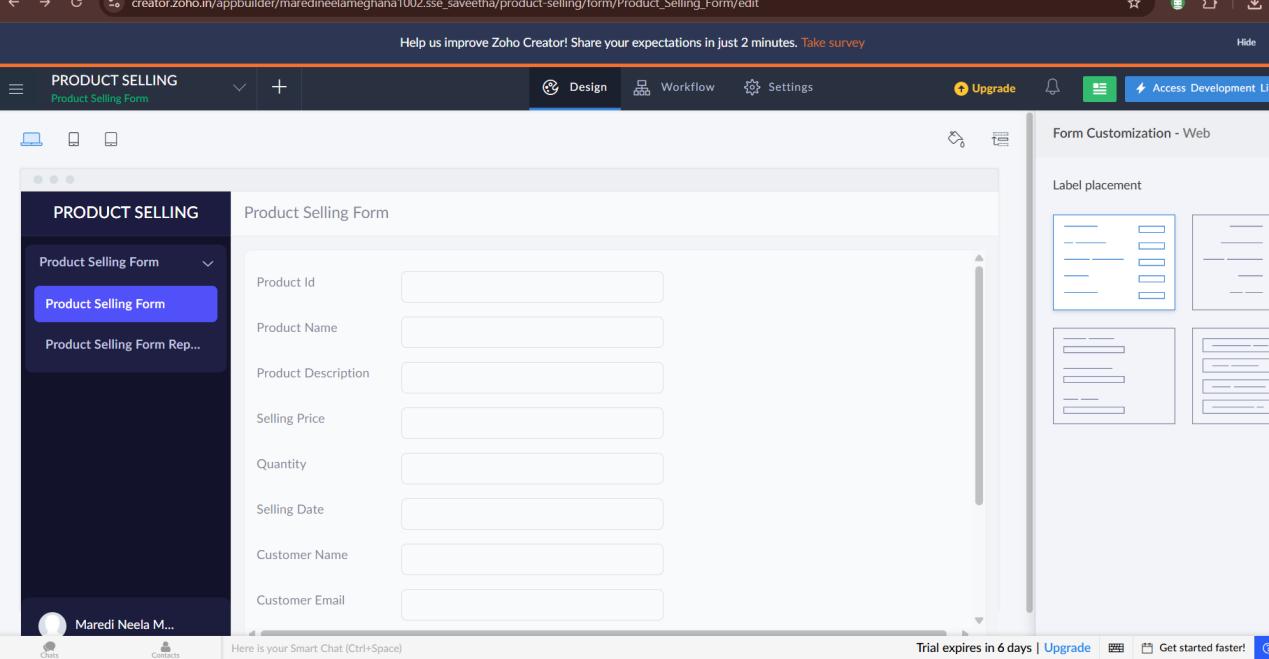
**EXP NO 4: CREATE A SIMPLE CLOUD SOFTWARE APPLICATION FOR CAR BOOKING RESERVATION SYSTEM USING ANY CLOUD SERVICE PROVIDER TO DEMONSTRATE SAAS.**



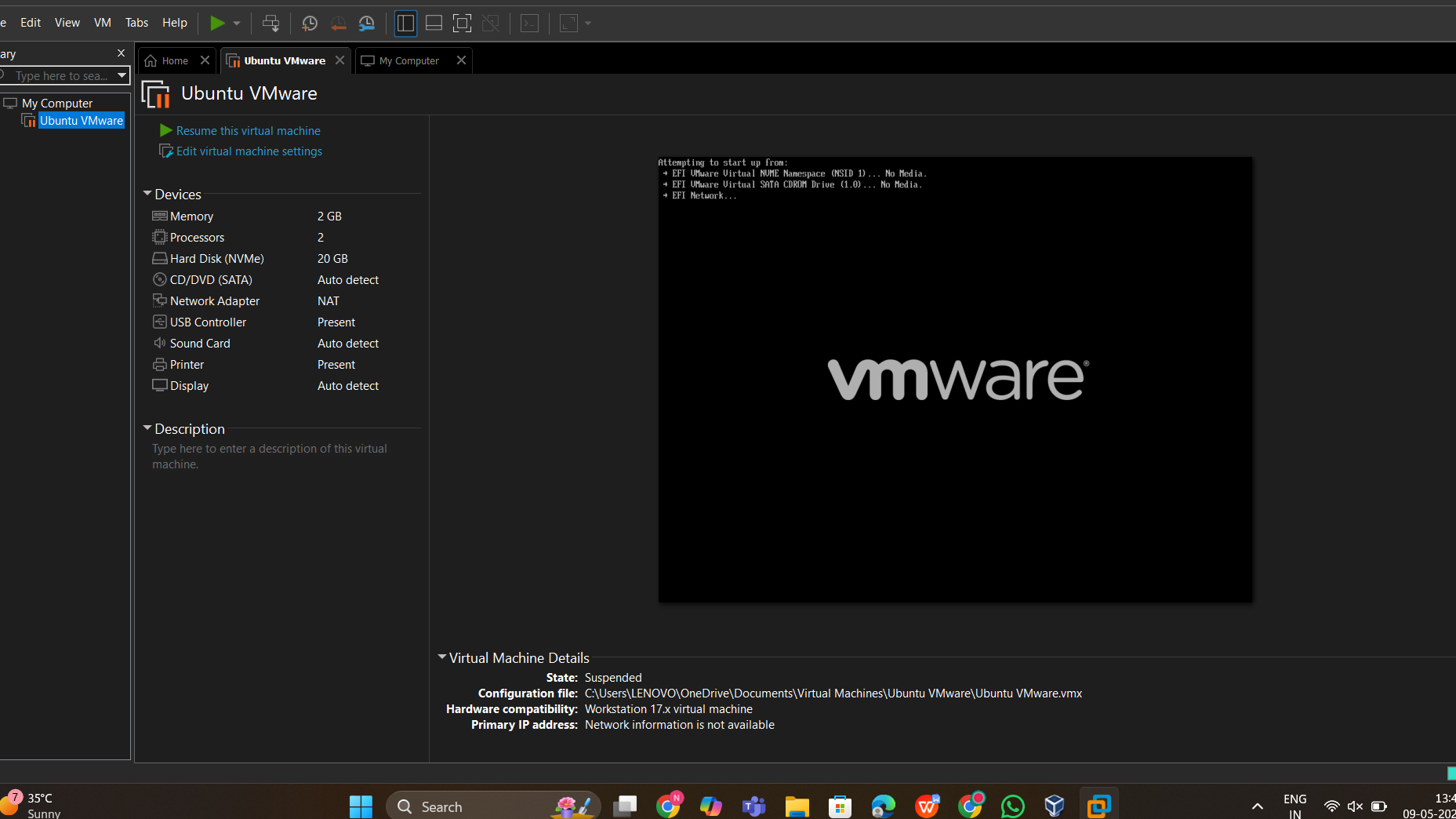
**EXP 5 : LIBRARY BOOK RESEVATION SYSTEM - SIMATS**



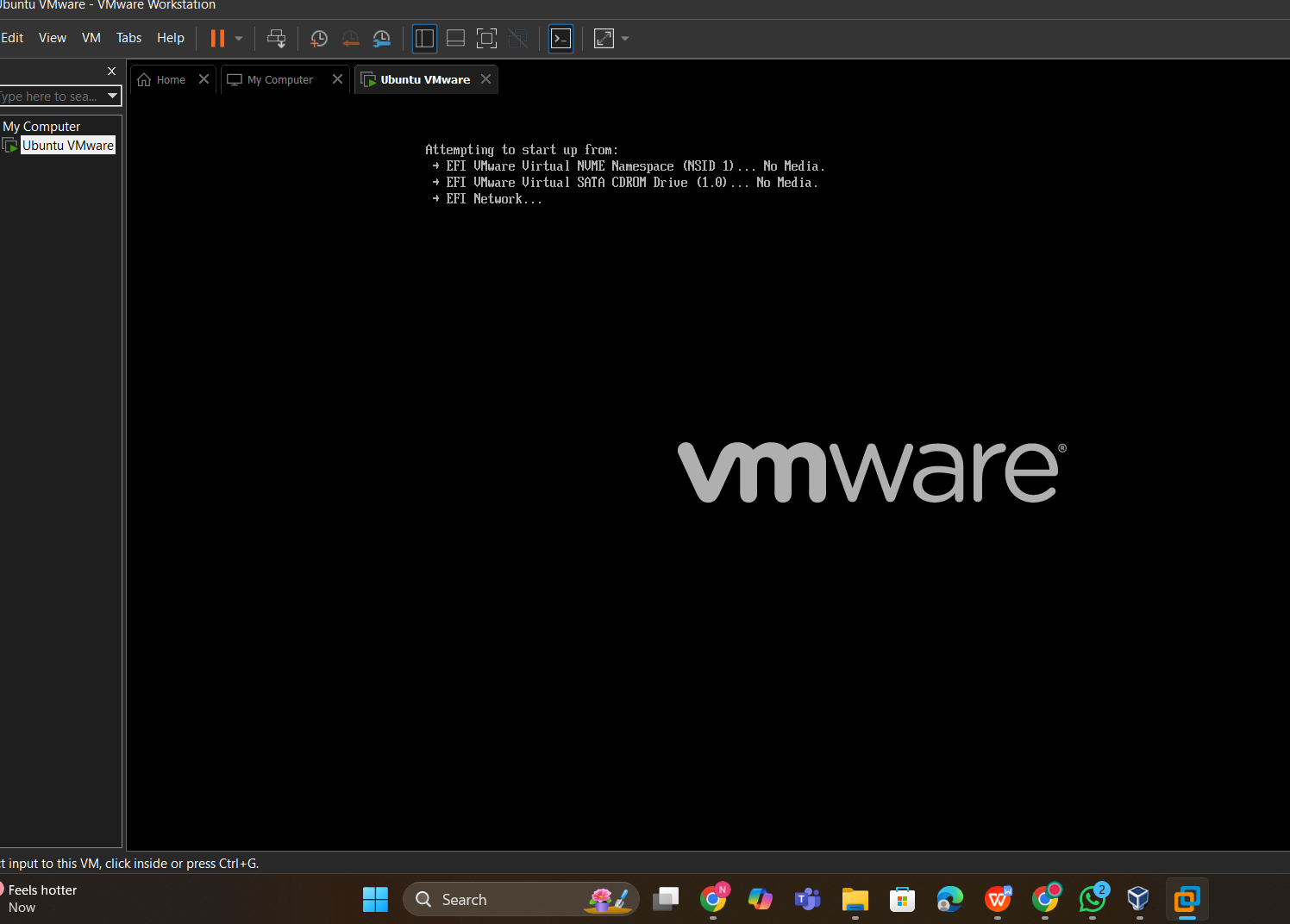
**EXP 6 : PRODUCT SELLING CLOUD SERVICE PLATFORM**



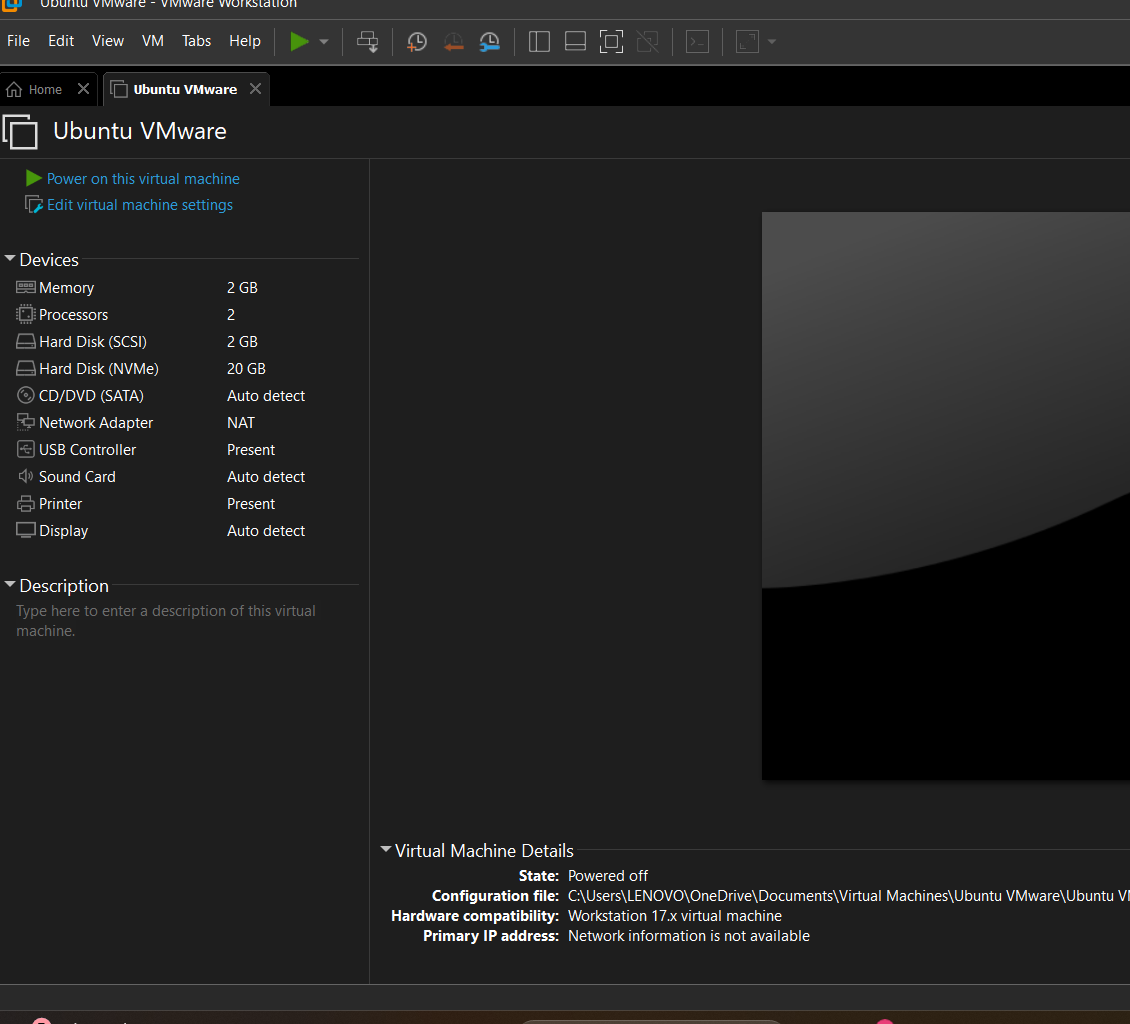
**EXP NO 7: DEMONSTRATE VIRTUALIZATION BY INSTALLING TYPE-2 HYPERVISOR IN YOUR DEVICE, CREATE AND CONFIGURE VM IMAGE WITH A HOST OPERATING SYSTEM (EITHER WINDOWS/LINUX).**



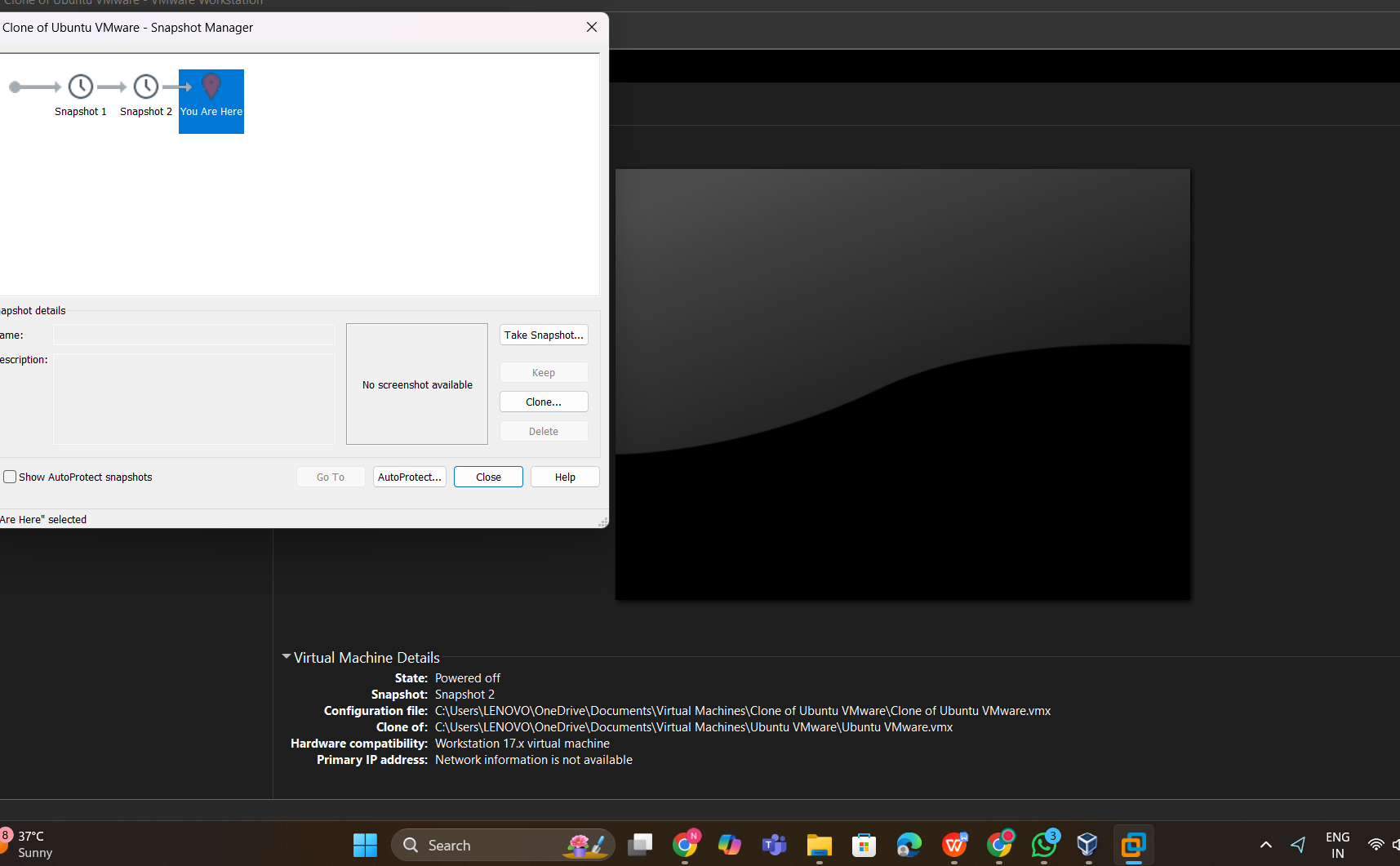
**EXPNO 8: CREATE A VIRTUAL MACHINE WITH 1 CPU, 2GB RAM AND 15GB STORAGE DISK USING A TYPE 2 VIRTUALIZATION SOFTWARE.**



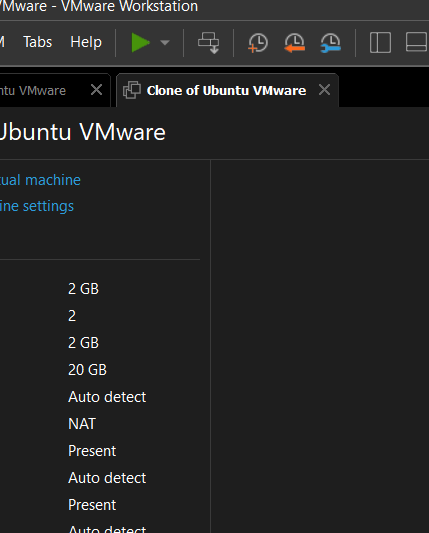
**EX 9 : CREATE A VIRTUAL HARD DISK AND ALLOCATE THE STORAGE USING VMware WORKSTATION**



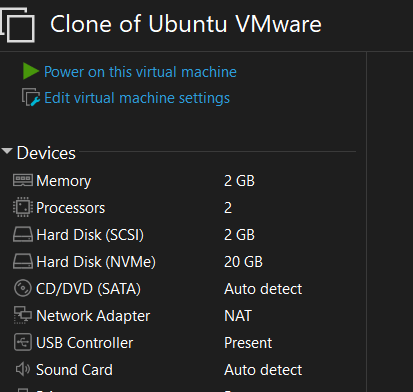
**Exp 10 : CREATE A SNAPSHOT OF VM AND TEST IT BY LOADING THE PREVIOUS VERSION/ CLONED VM**



**EXP 11 : CREATE A CLONING OF VM AND TEST IT BY LOADING THE PREVIOUS ONE**

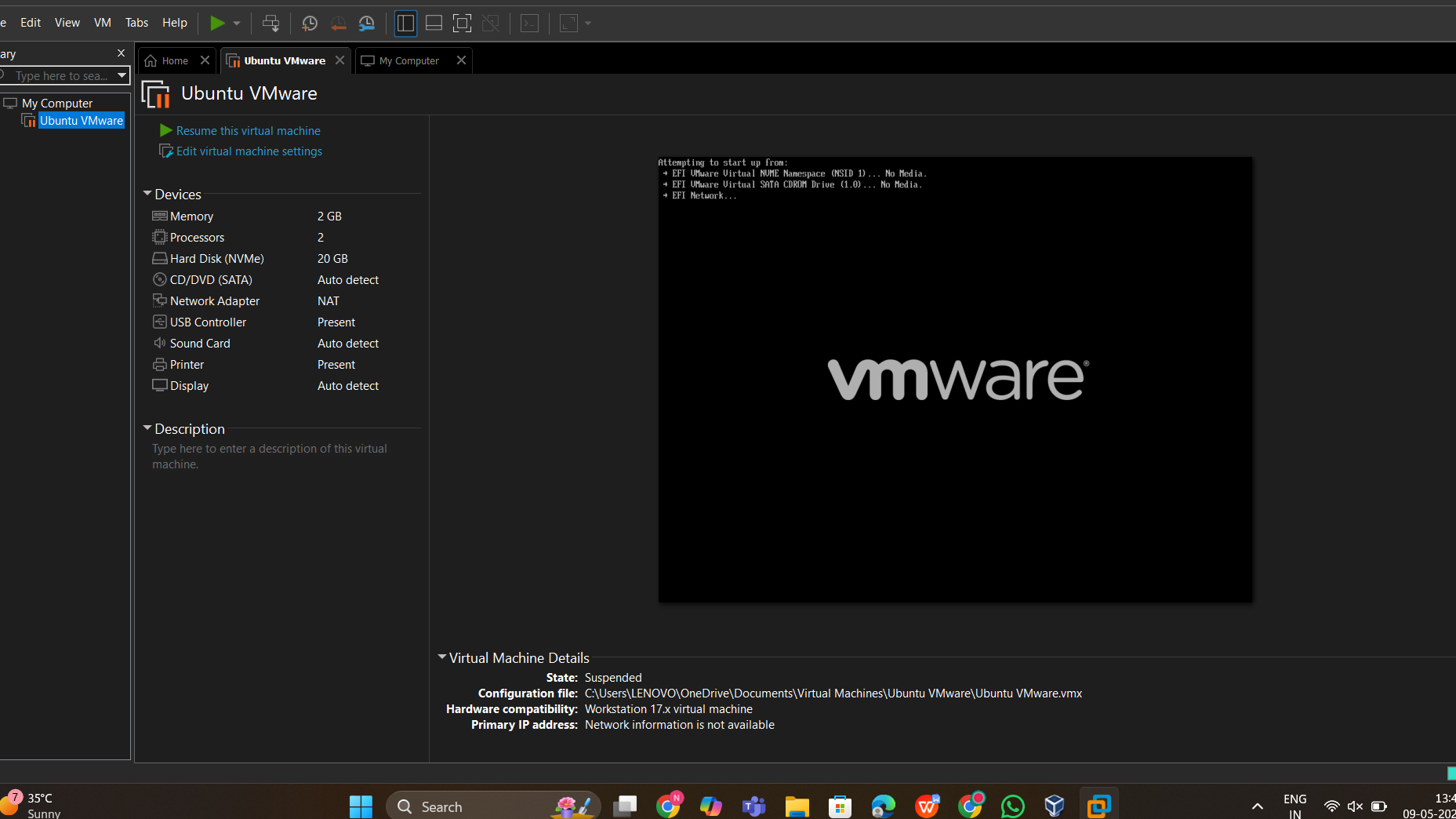


**EXP 12 : CHANGE THE HARDWARE COMPATIBILITY OF A VM WHICH IS ALREADY CONFIGURED**

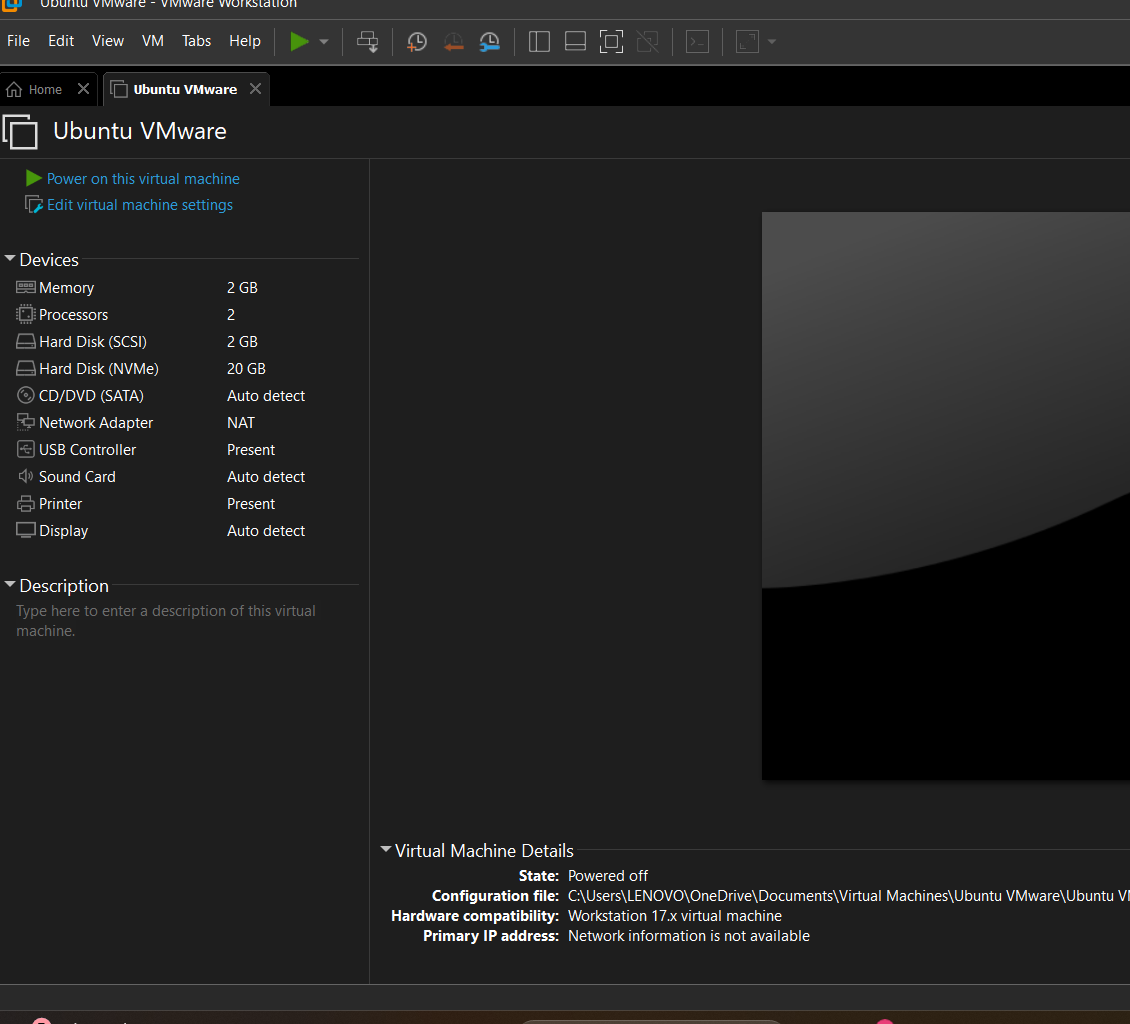


**13. Create a Virtual Machine with 1 CPU, 2GB RAM and 15GB storage disk using a Type 2**

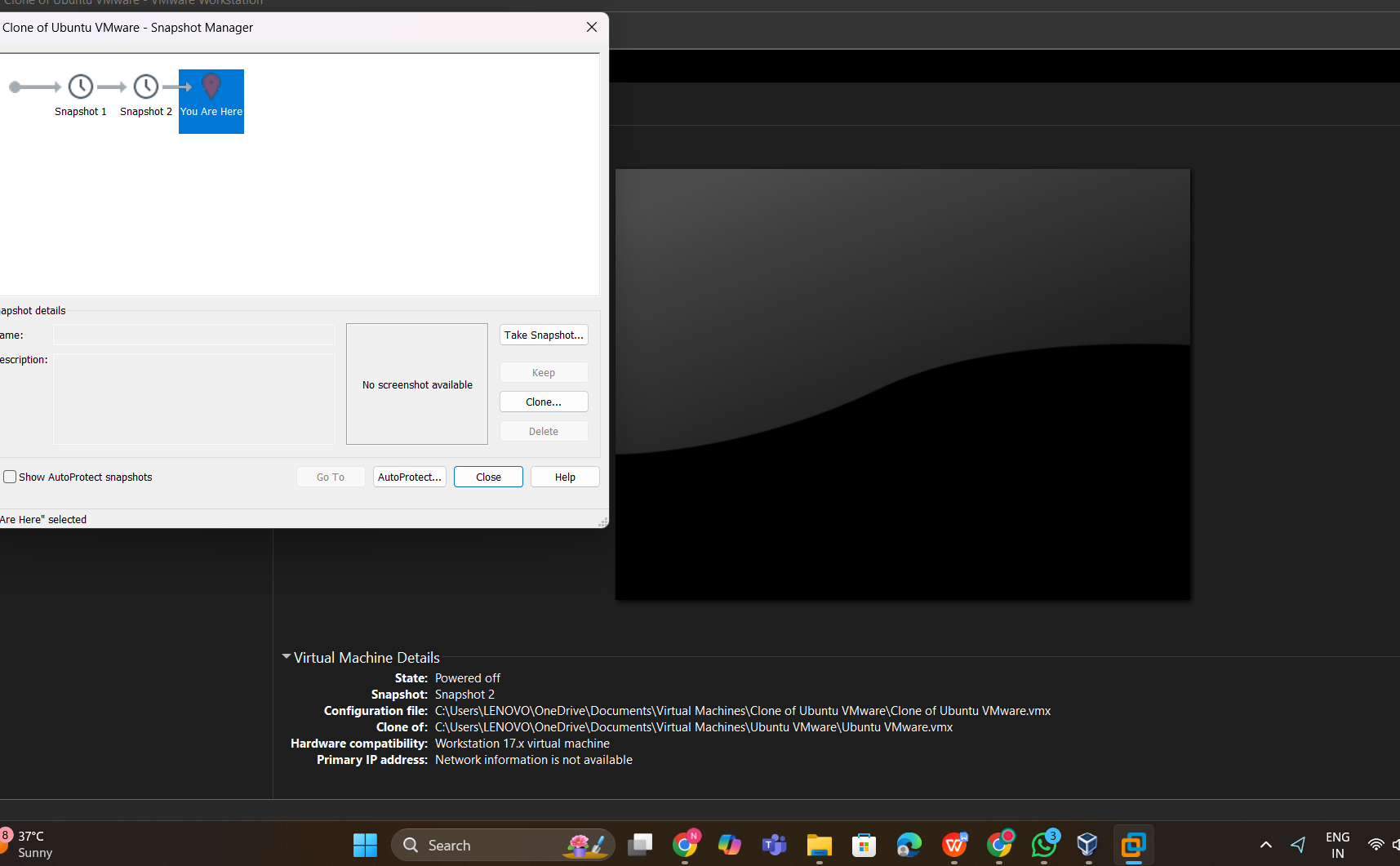
**Virtualization Software using Vmware workstation.**



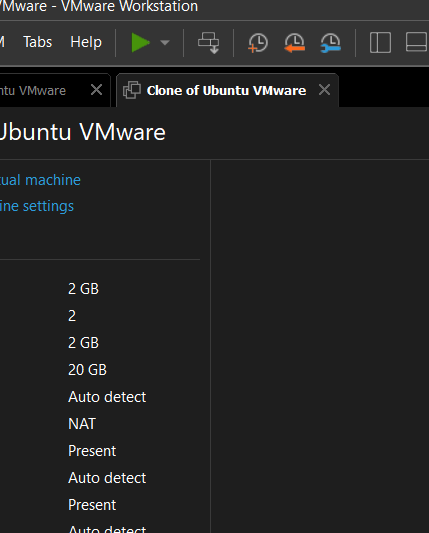
1. **Create a Virtual Hard Disk and allocate the storage using Vmware Workstation.**



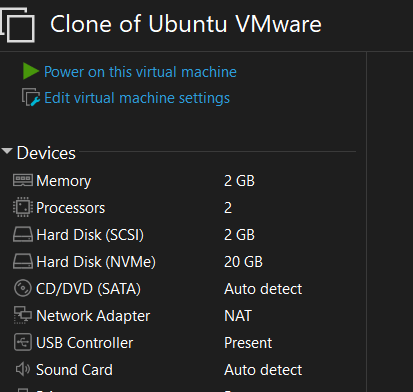
1. **Create a Snapshot of a VM and Test it by loading the Previous Version/Cloned VM using Vmware workstation.**



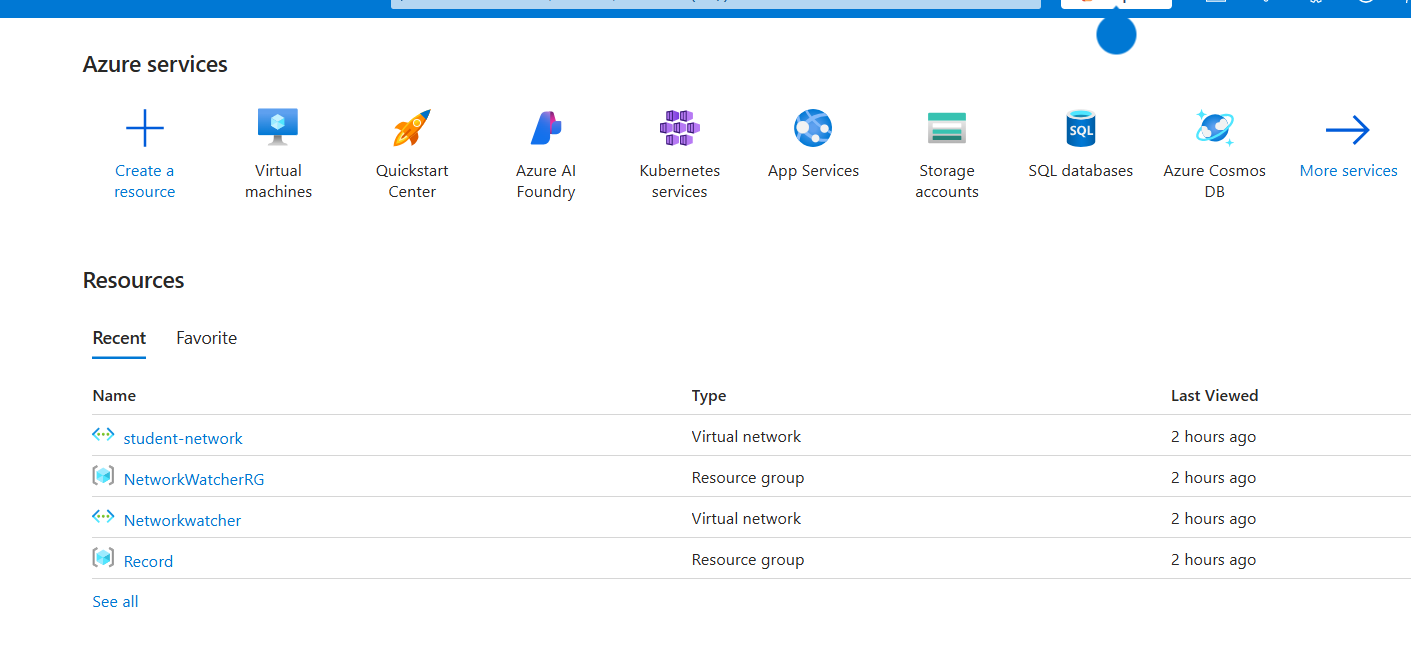
1. **Create a Cloning of a VM and Test it by loading the Previous Version/Cloned VM using vmware workstation.**



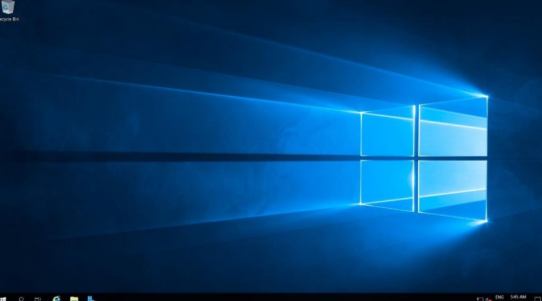
1. **Change Hardware compatibility of a VM (Either by clone/create new one) which is already created and configured using vmware workstation.**



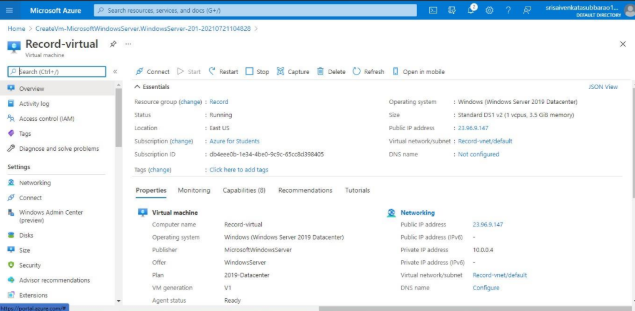
1. **Demonstrate Infrastructure as a Service (IaaS) by creating a resources group using a Public Cloud Service Provider (Azure), configure with minimum CPU, RAM, and Storage.**



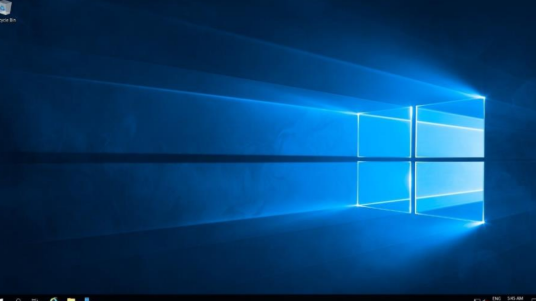
1. **Demonstrate Infrastructure as a Service (IaaS) by creating a Virtual Machine using a Public Cloud Service Provider (Azure), configure with required memory and CPU.**



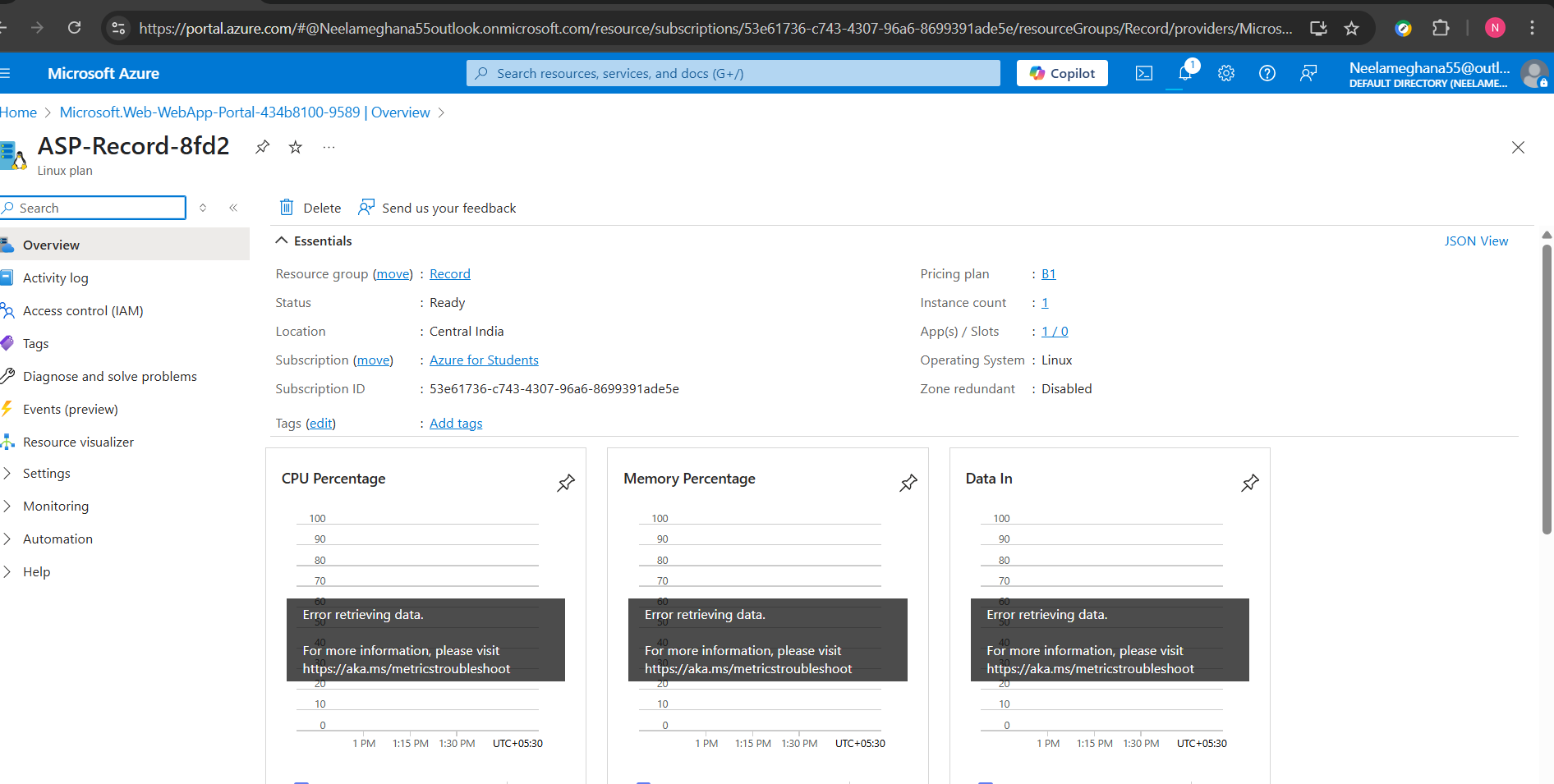
1. **Demonstrate Infrastructure as a Service (IaaS) by establishing the remote connection, launch the created VM image and run in your desktop using Azure.**



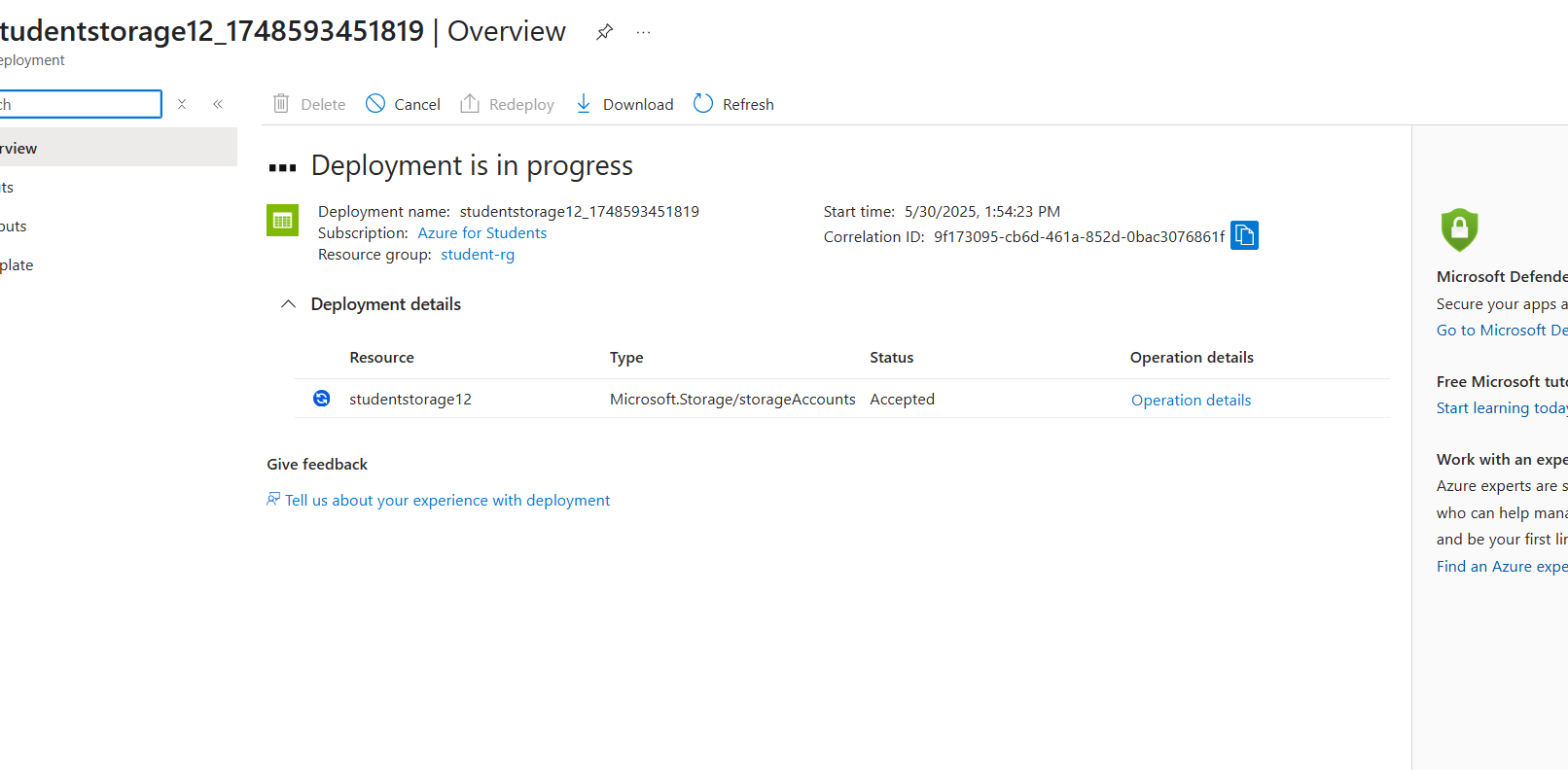
1. **Demonstrate Platform as a Service (PaaS) create and configure a new VM Image in any Public Cloud Service Provider using Azure.**



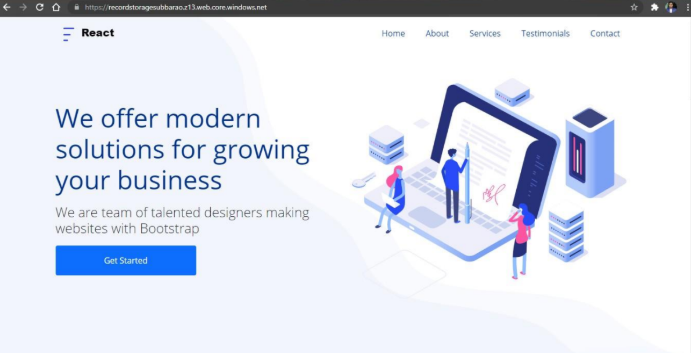
1. **Create a Simple Web Application using Java or Python and host it in any Public Cloud Service Provider (Azure/GCP/AWS) to demonstrate Platform as a Service (PaaS).**



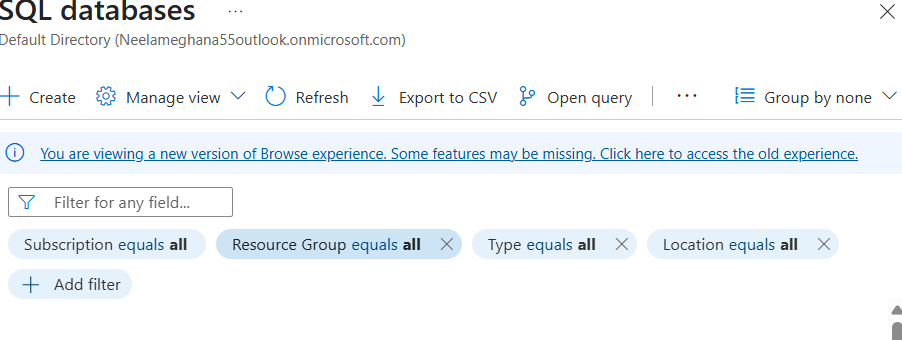
1. **Demonstrate Storage as a Service (SaaS) create and configure a new VM Image in any Public Cloud Service Provider using Azure.**



1. **Create a Storage service using any Public Cloud Service Provider (Azure/GCP/AWS) and check the public accessibility of the stored file to demonstrate Storage as a Service.**



1. **Database as a Service (DaaS) create and configure a new VM Image in any Public Cloud Service Provider using Azure.**



1. **Create a SQL storage service and perform a basic query using any Public Cloud Service Provider (Azure/GCP/AWS) to demonstrate Database as a Service (DaaS) using Azure.**

