

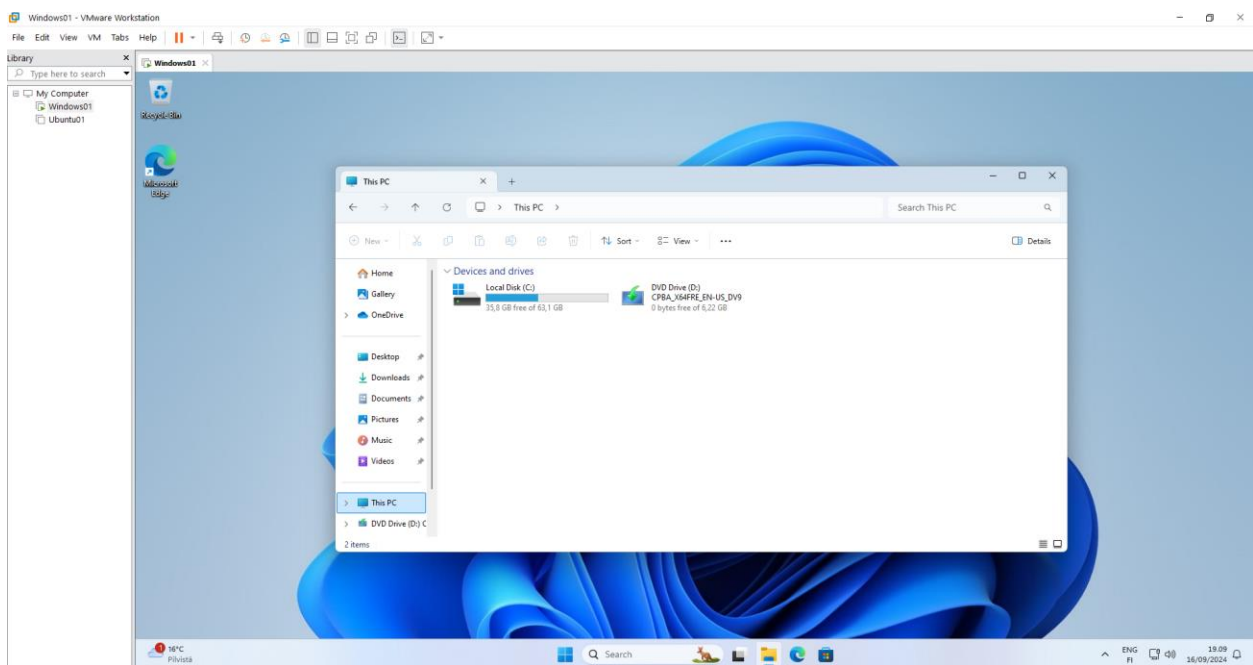
# Storage Virtualization

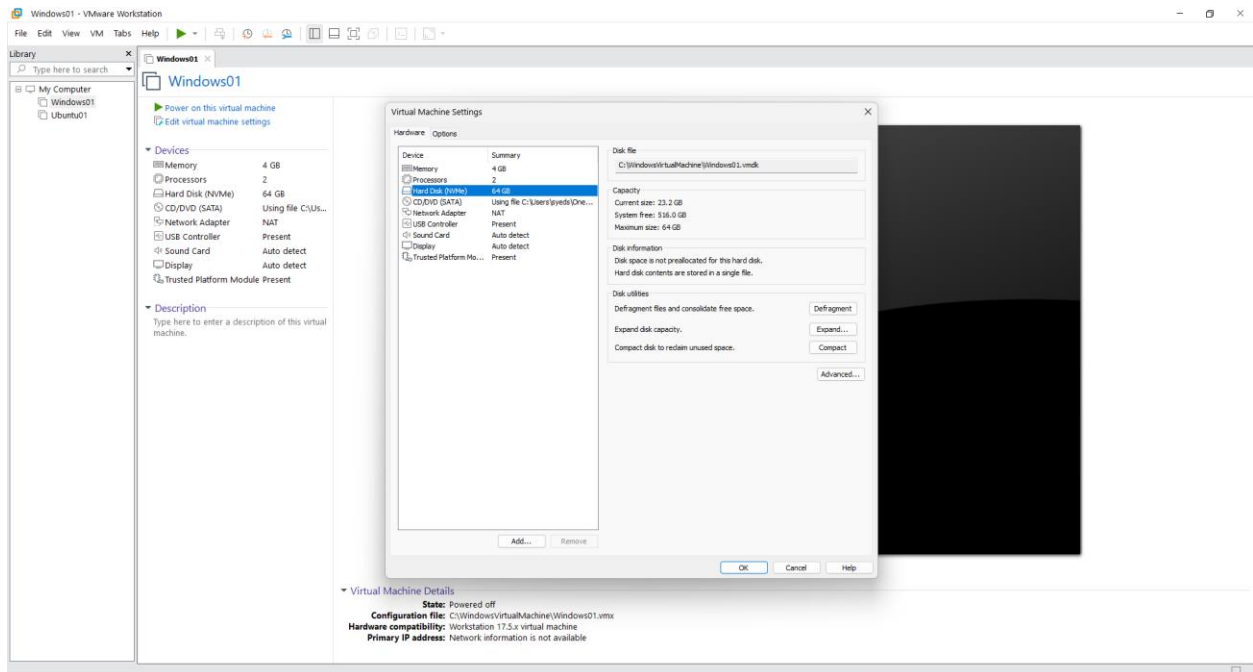
In this hands on lab, we will see how users can configure a Windows virtual machine to use storage virtualization. Use the Storage Spaces feature and configure storage with different properties. How does the user configure at least one virtual storage device with two-way mirror resiliency and one with parity resiliency.

We will verify the functionality of the resiliency by removing one of the drives associated to the storage pool.

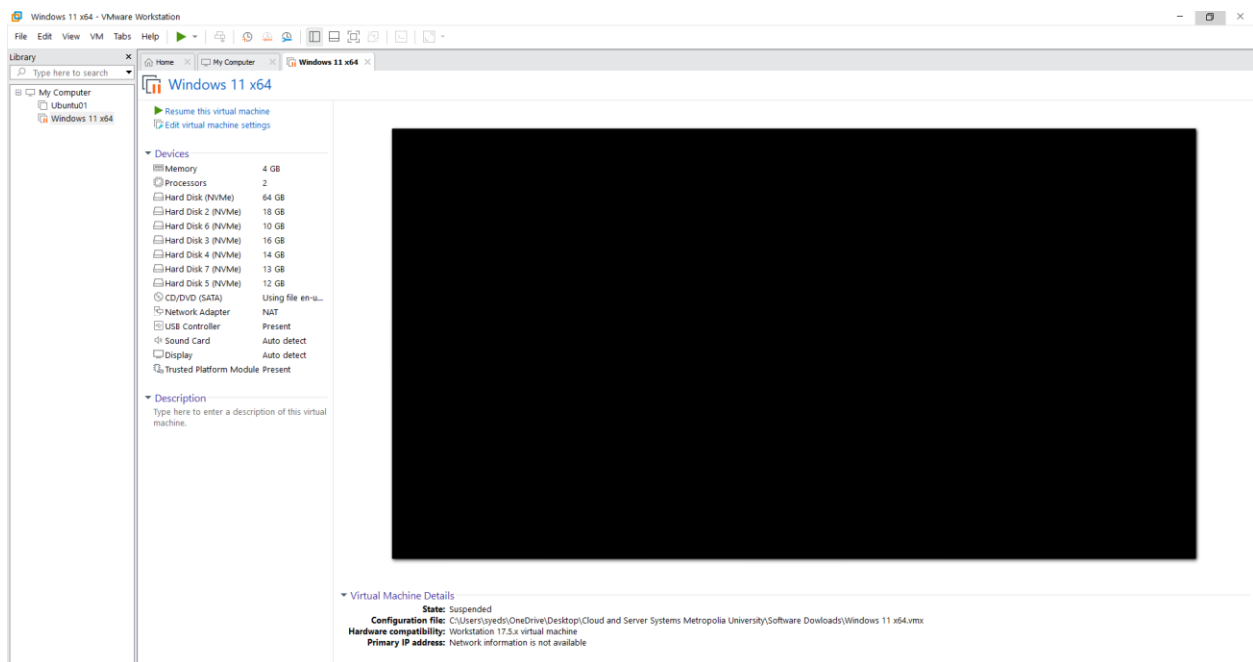
Task 1: How users can configure a Windows virtual machine to use storage virtualization. Use the Storage Spaces feature and configure storage with different properties. How does the user configure at least one virtual storage device with two-way mirror resiliency and one with parity resiliency.

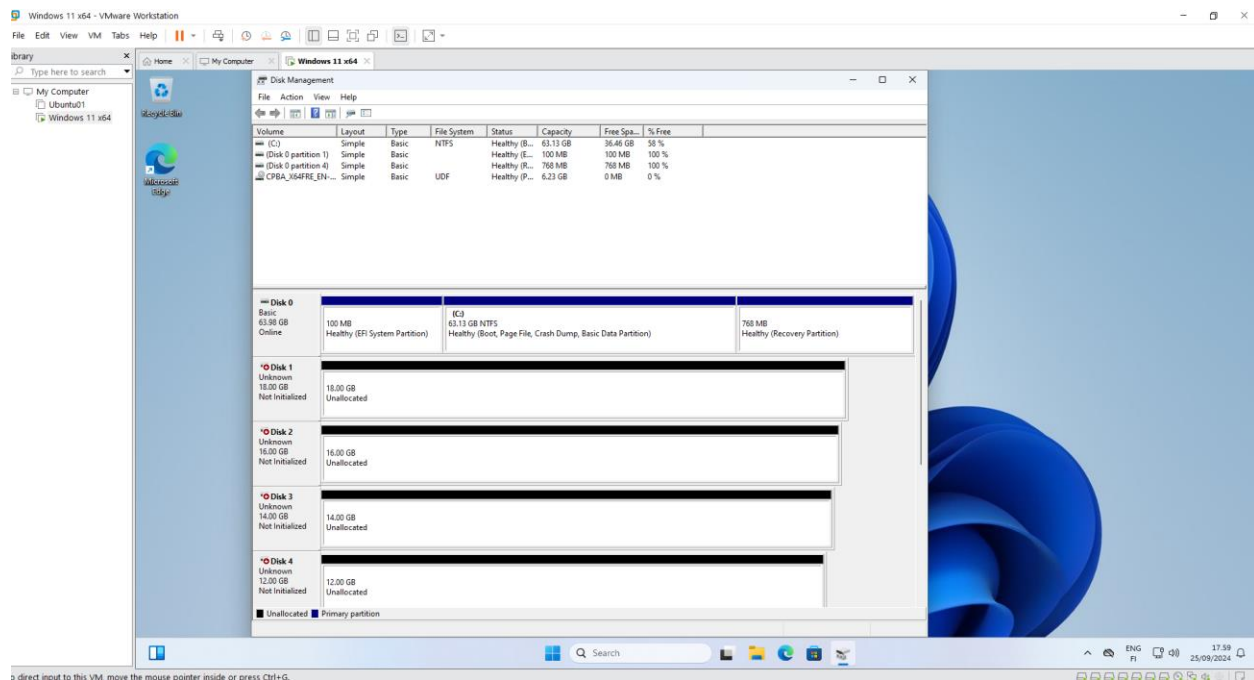
We can see in the below screen shot that it has just two disks which is LocalDisk and DVD. We need to add some more Disks to use the storage spaces feature and configure storage.



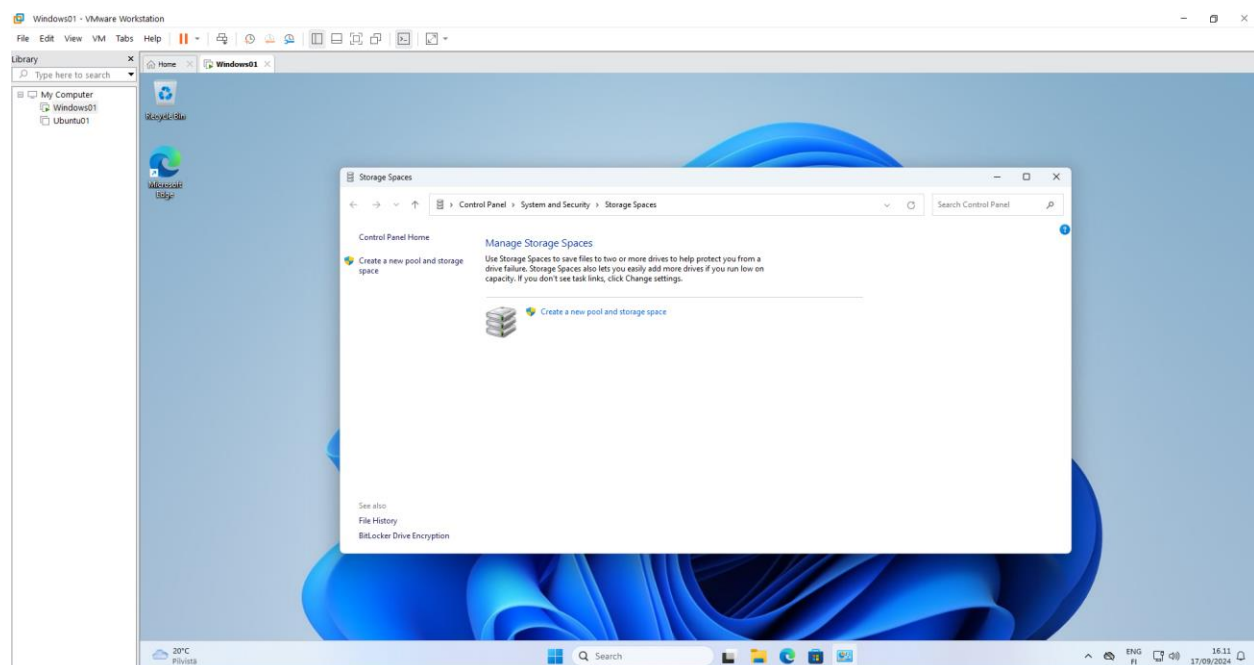


Added 6 new virtual hard disks

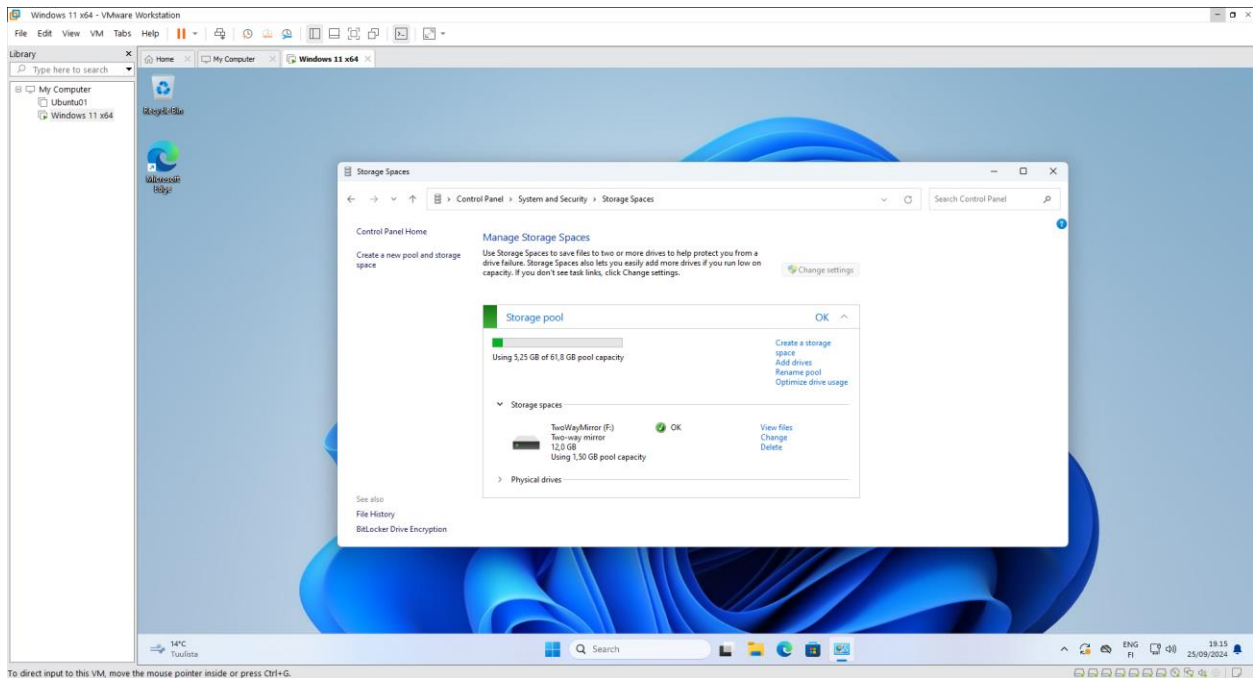




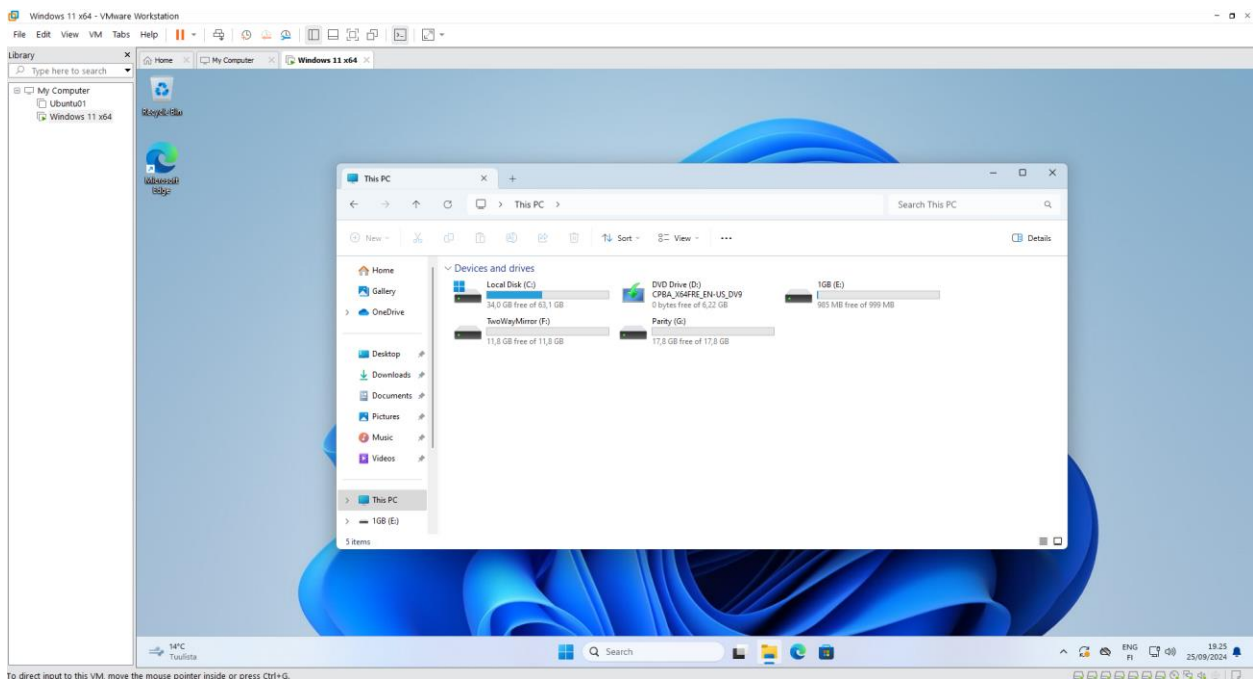
To use the Storage spaces, we need to create the pool. To create the pool, we need to use the Storage Spaces from Control panel



We created the Two Way Mirror resiliency hard disk by using the Pool feature

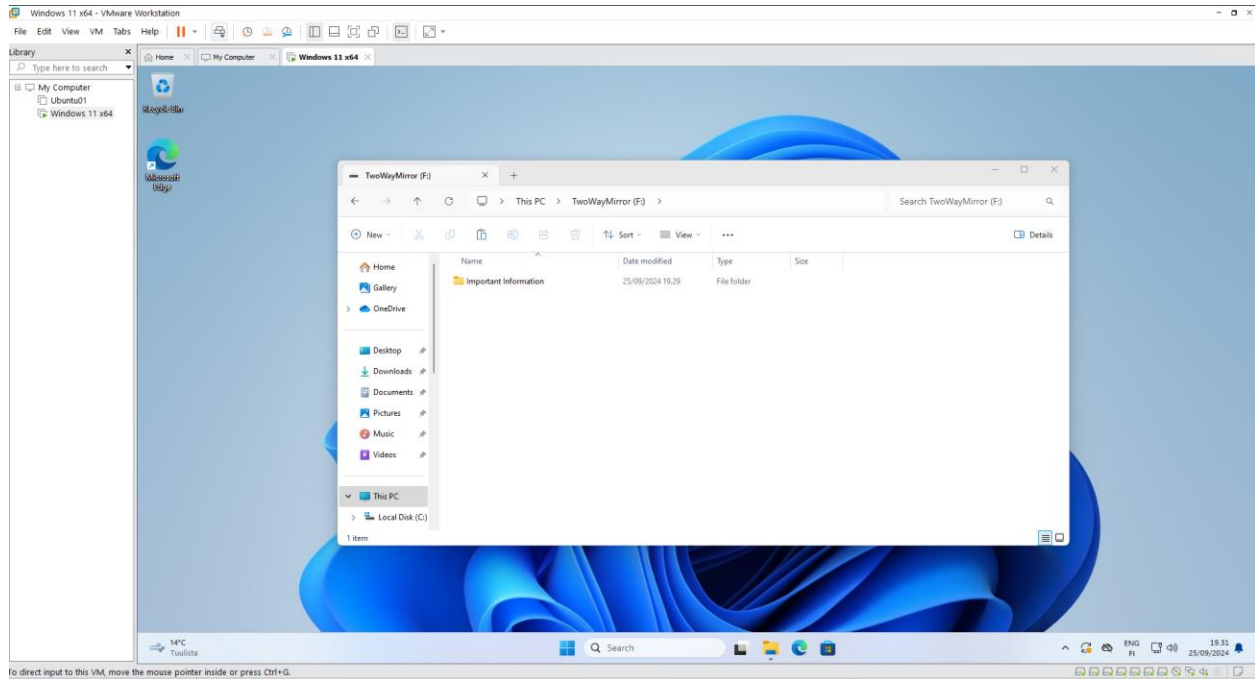


We Created the Parity resiliency hard disk by using the pool feature

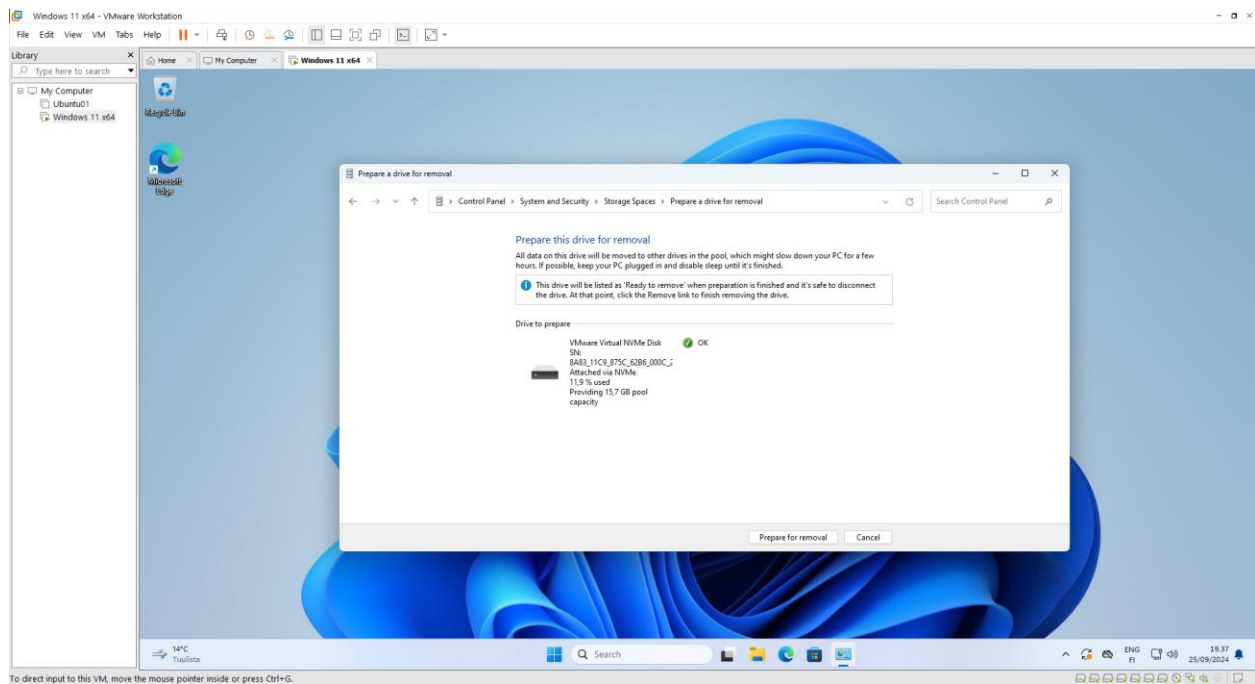


## Task 2:

We will verify the functionality of the resiliency by removing one of the drives associated to the storage pool.



One of the Storage drives has been removed or failed



We still have the important information folder safe because of the TwoWayMirroriency and Parity resiliency feature what we created in the storage pool

