Windows Server Security

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Student Name: Ayush Shah
Student ID: 101545670

Term: Fall 2024.

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Case Project

Scenario

Contoso Pharmaceuticals is a medical research company with about 5,000 employees worldwide. They have specific needs for ensuring that medical records and data remain private. The company has a headquarters location and multiple worldwide sites. Contoso has recently deployed a Windows Server and Windows client infrastructure. You have been asked to Complete tasks below

Objectives

1) Install a domain called yourname.local on Server core
2) Configure Group Policy and enforce password change to 30 days
3) Install DHCP server,
   a) Create 4 scopes named yourname-TorontoLab, Yourname-TorontoOffice, Yourname-MontrealLab, yourname-montrealOffice (use any Ip range you like)
   b) Create 1 Superscope for Montreal (yourname-Superscope)
   c) Create 1 Multicast scope (yourname Multicast scope)
   d) Create a reservation
   e) Configure options
4) On your domain DNS Server, create forwarder and forward all requests to 8.8.8.8
5) Create a storage pool and a virtual disk
6) Create an iSCSI disk on server 2 and attach it to Server 3
7) Install Hyper-V Role on server 2 and create a virtual machine
8) Install Hyper-V role on server 3 and configure Hyper-V Replica
9) Install and Configure WDS
   a) Enforce WDS settings to clients using group policy and remove pause option.

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Paste your screenshots here

I have attached all screenshots step by step and covered all the topics
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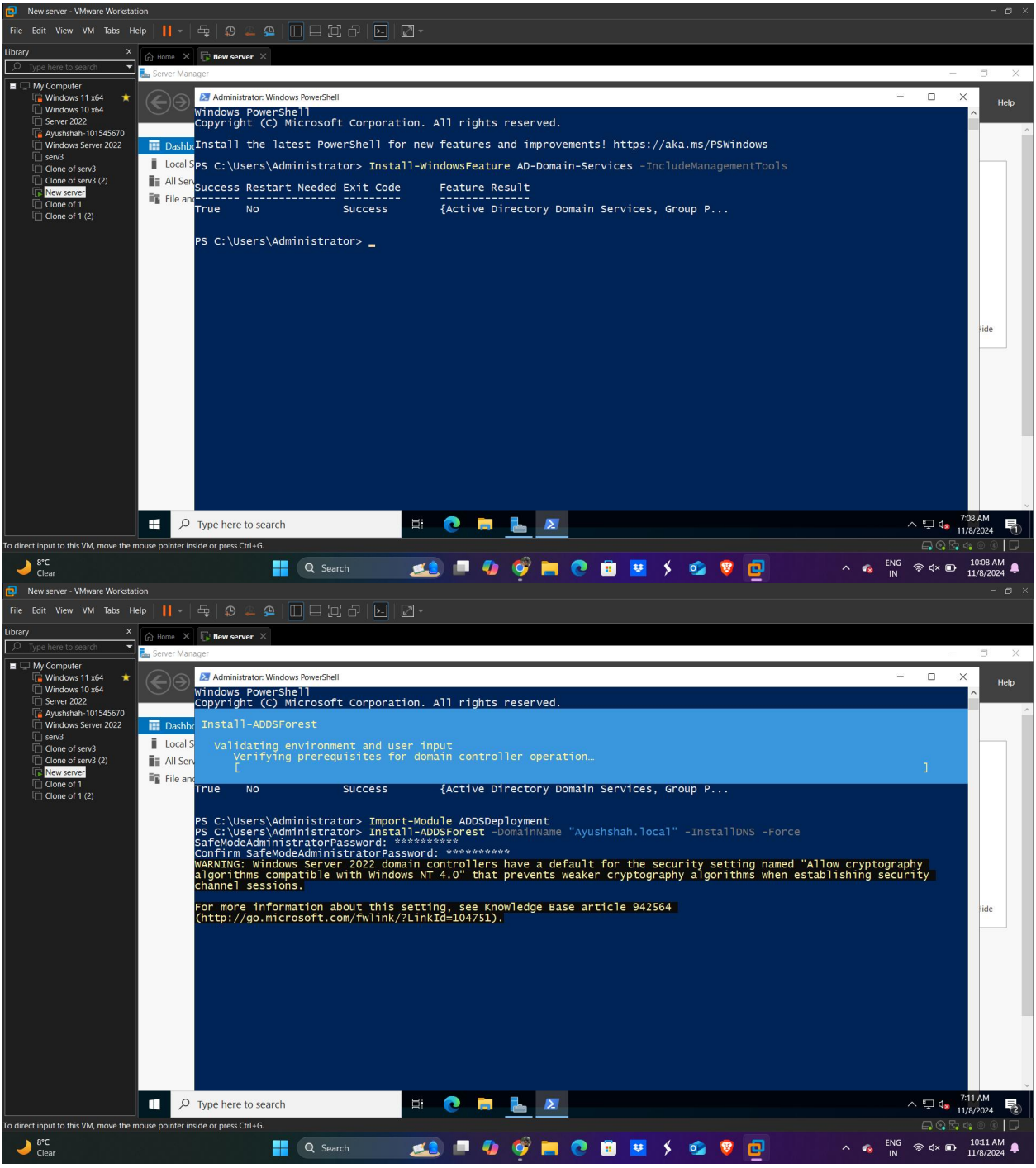

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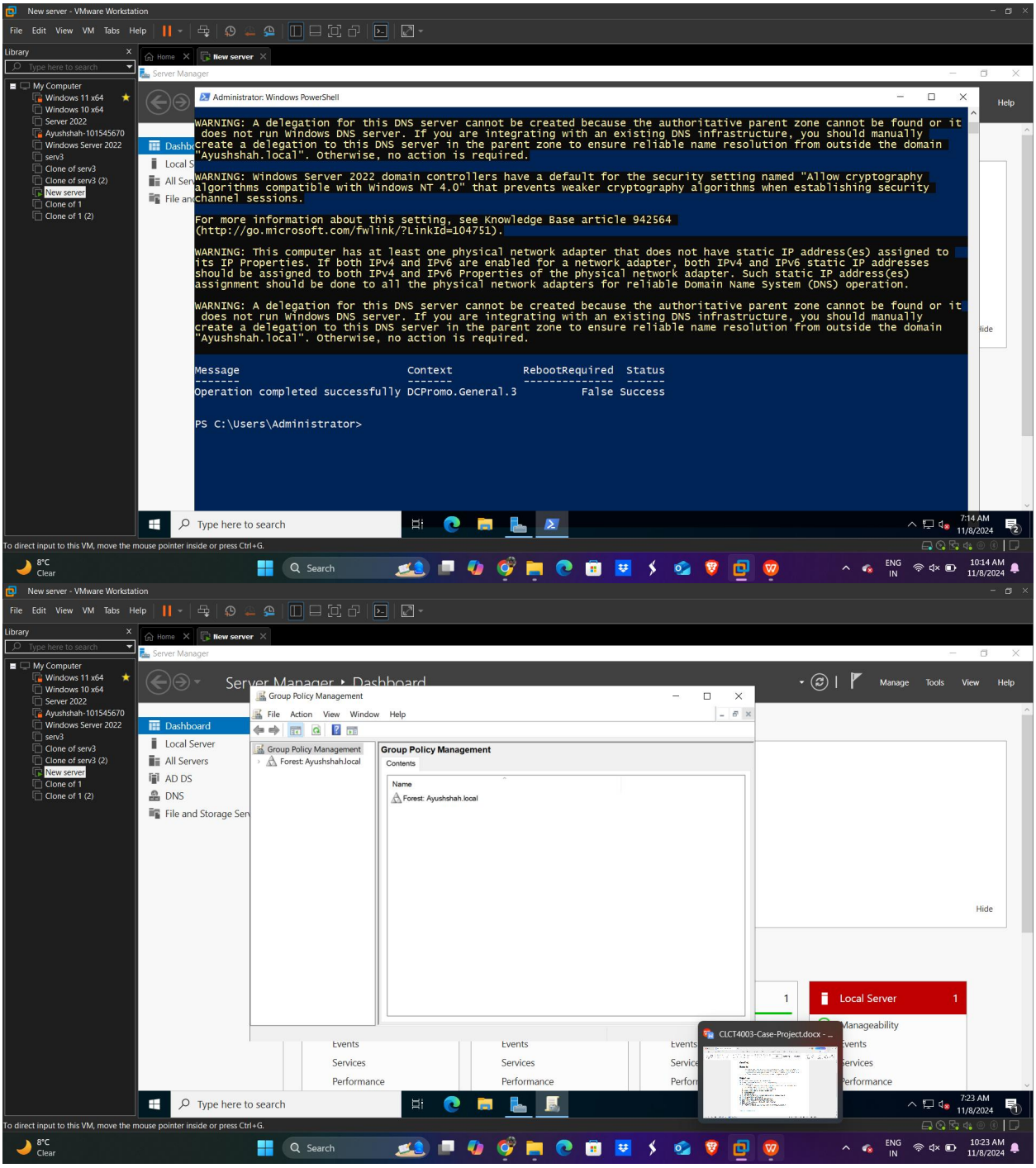

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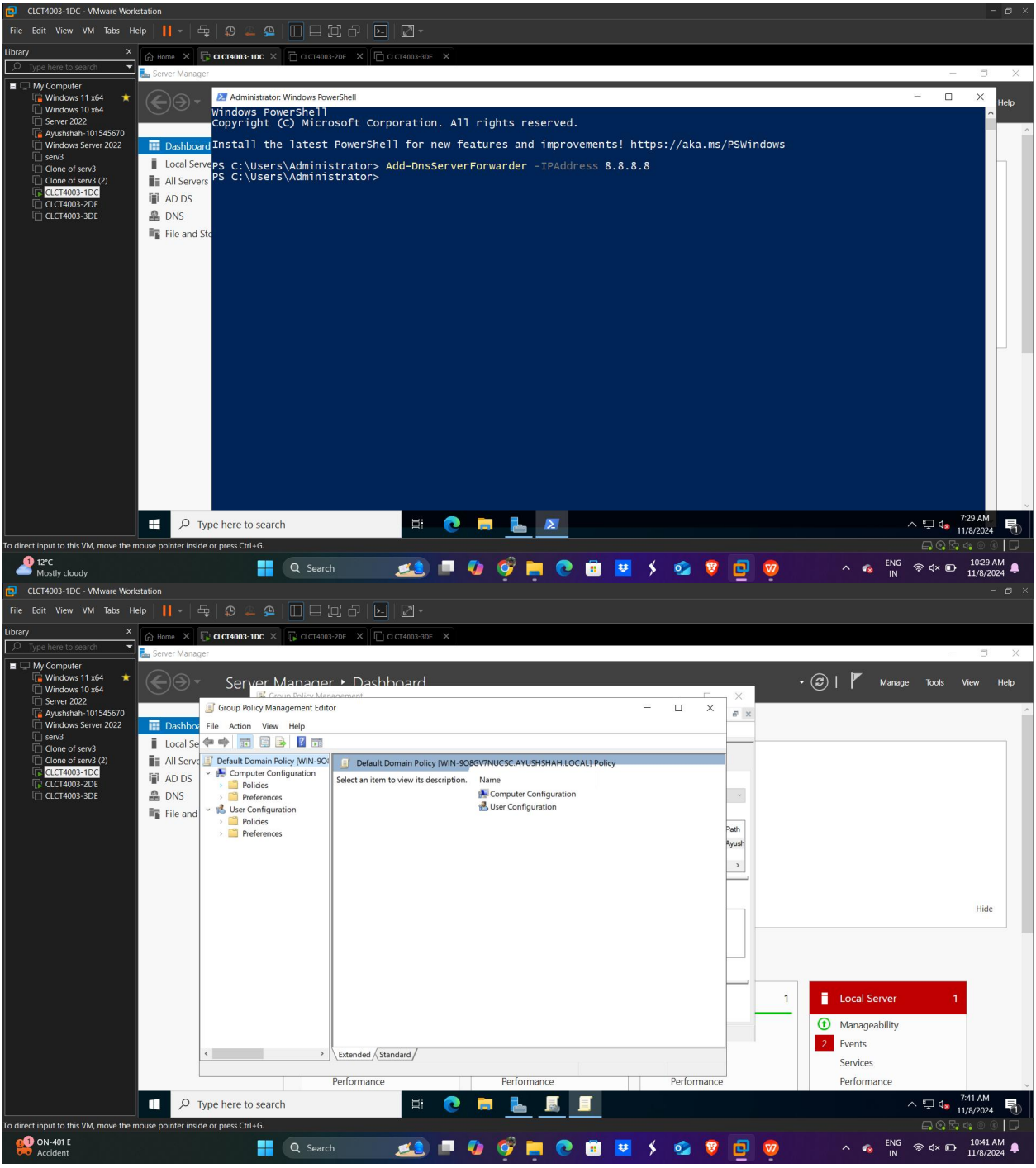

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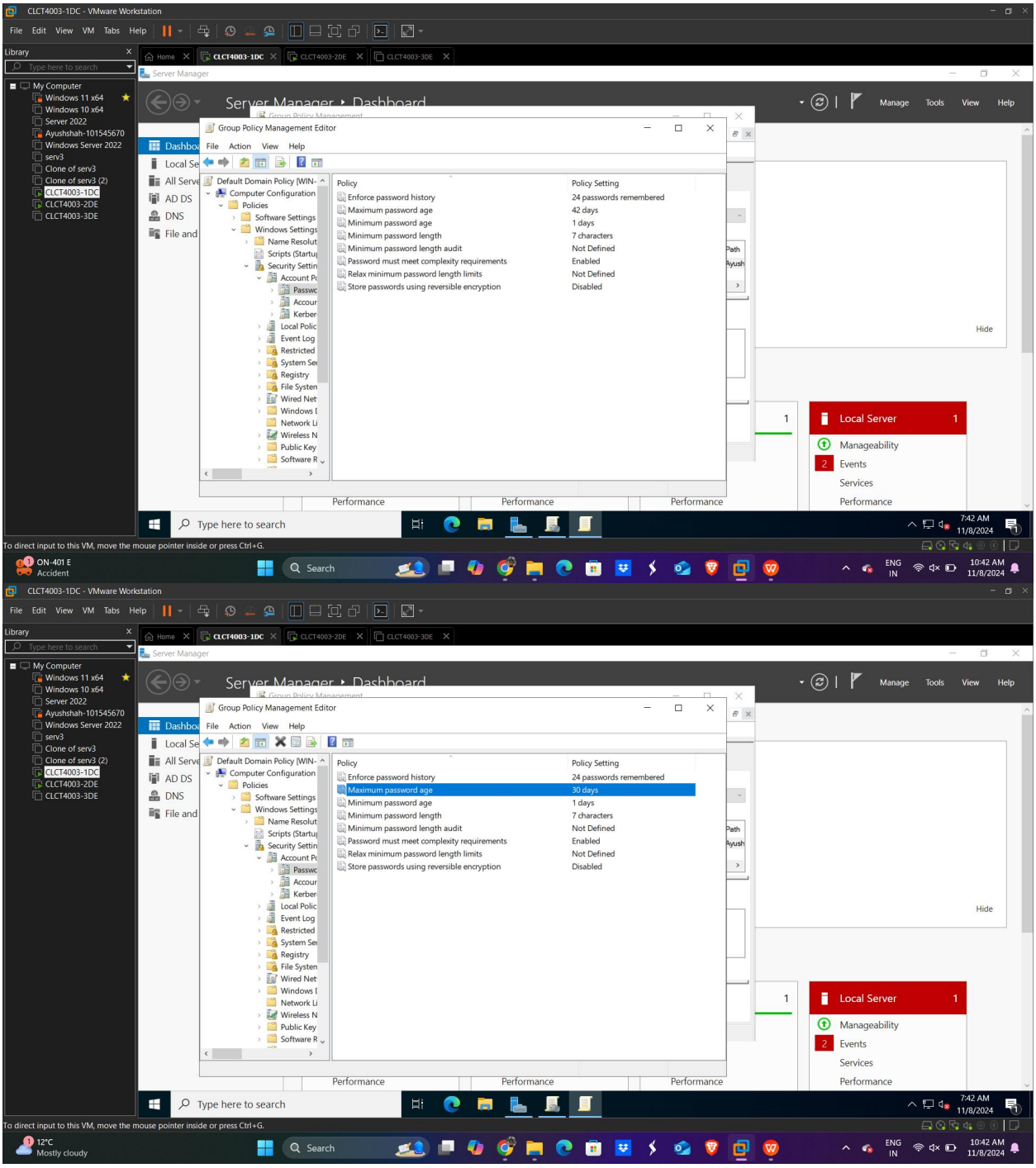

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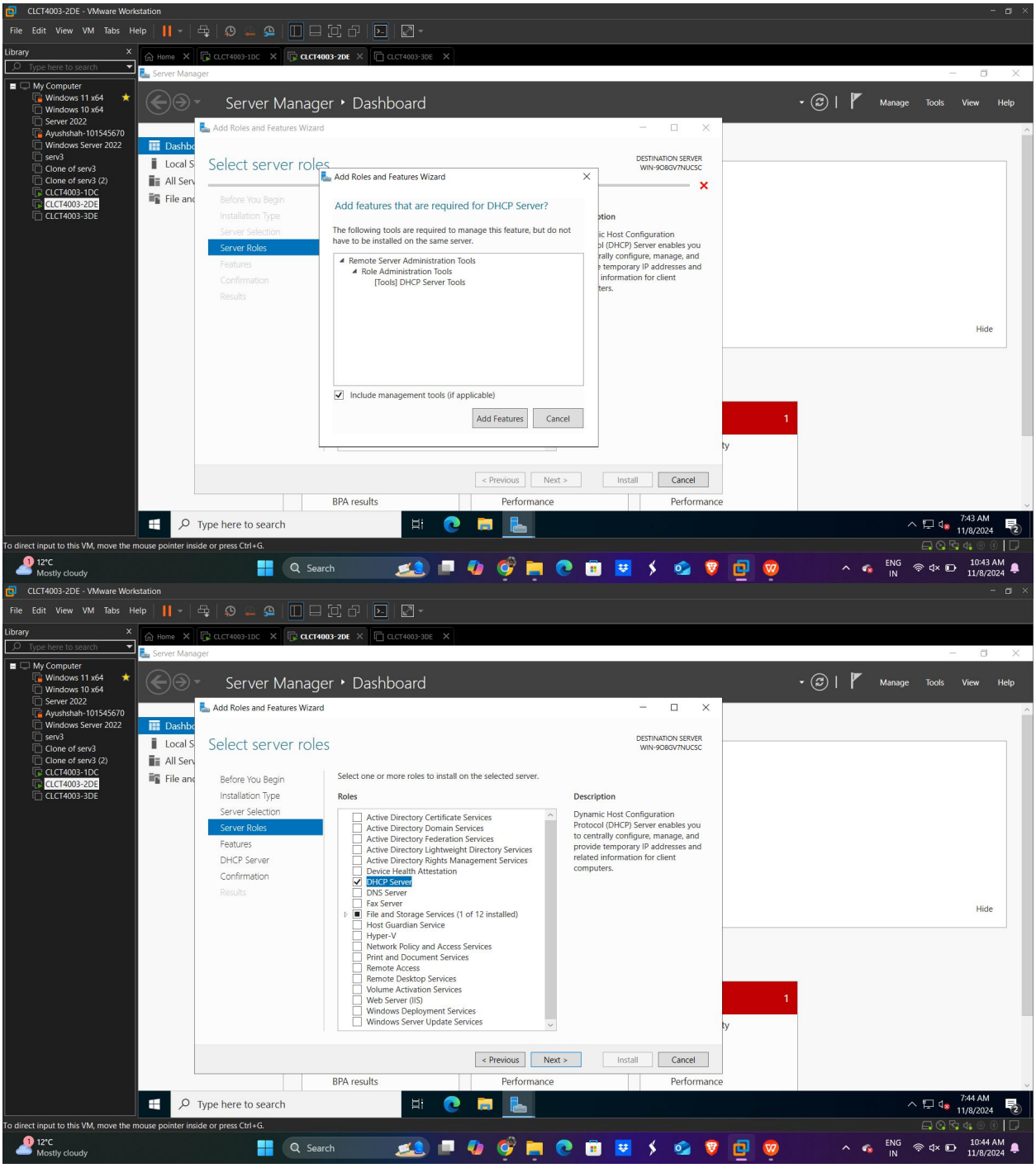

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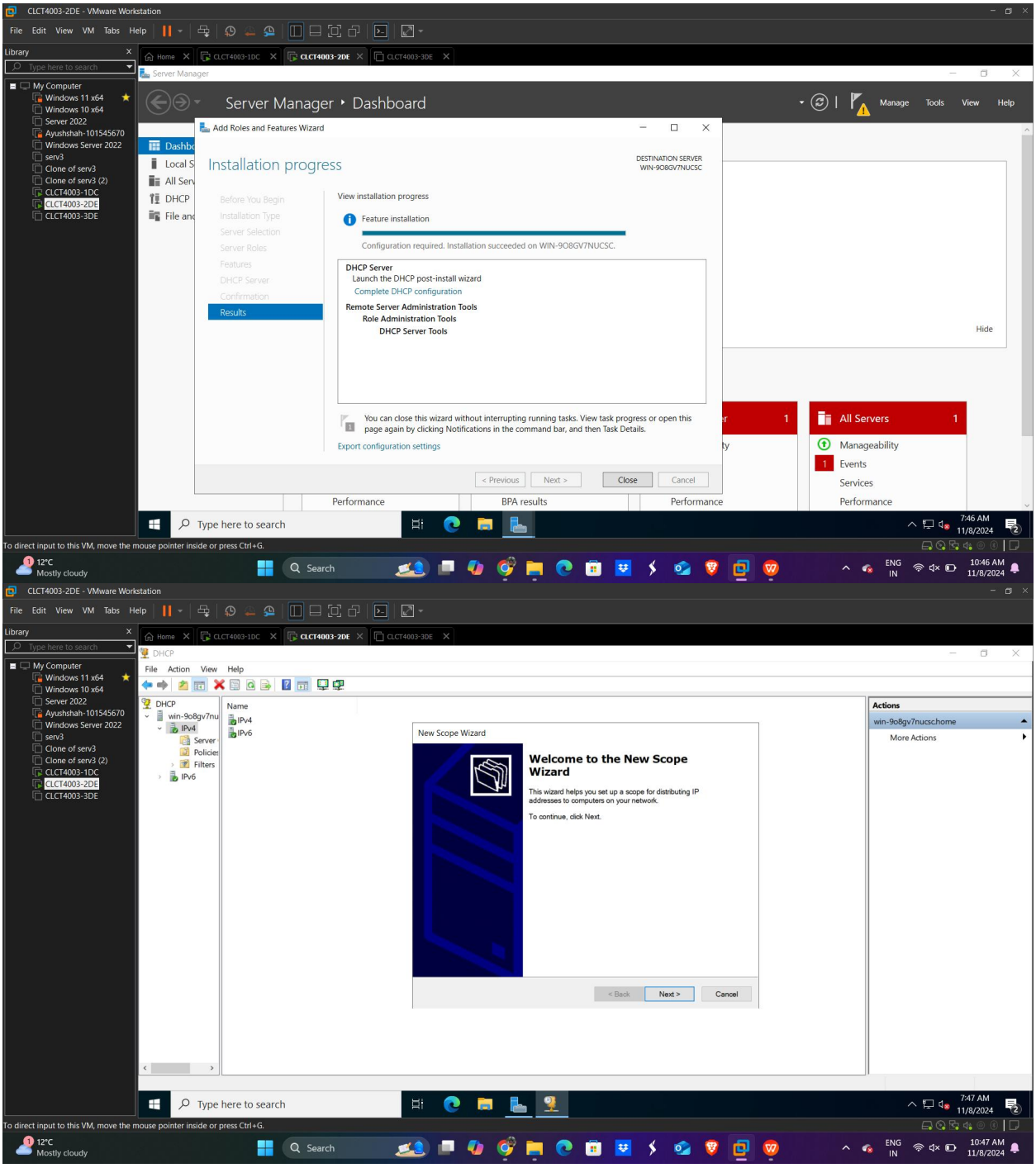

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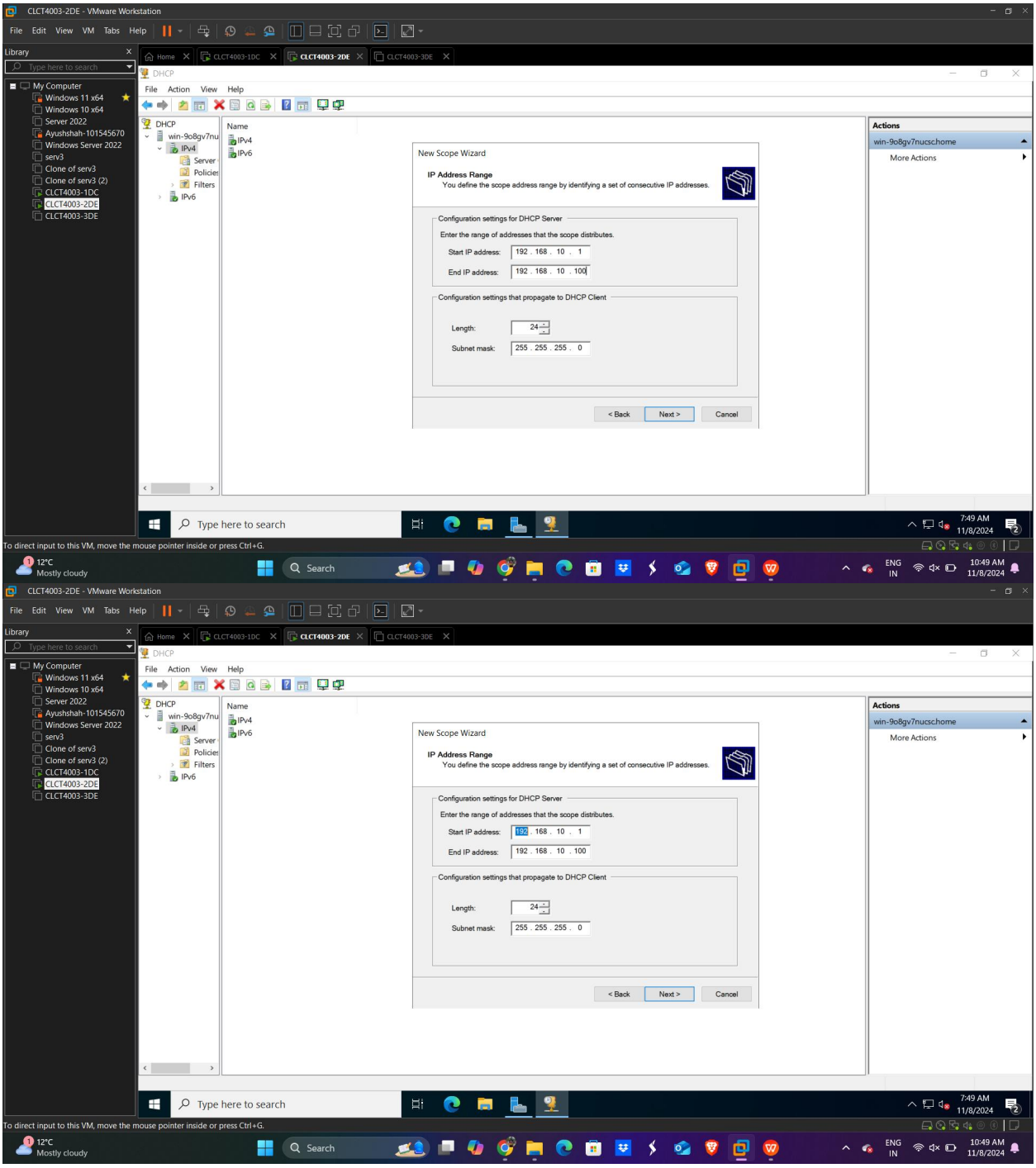

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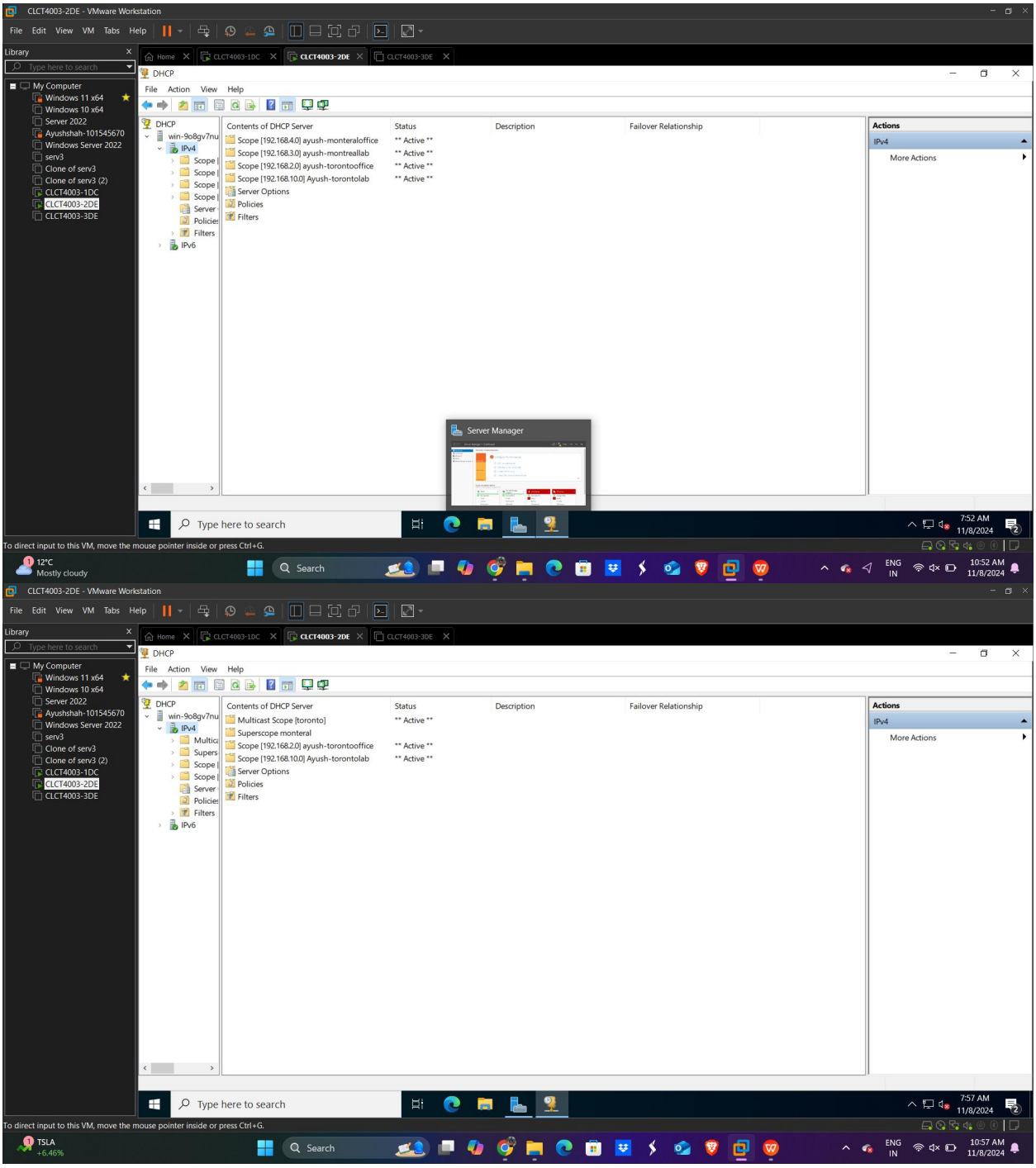

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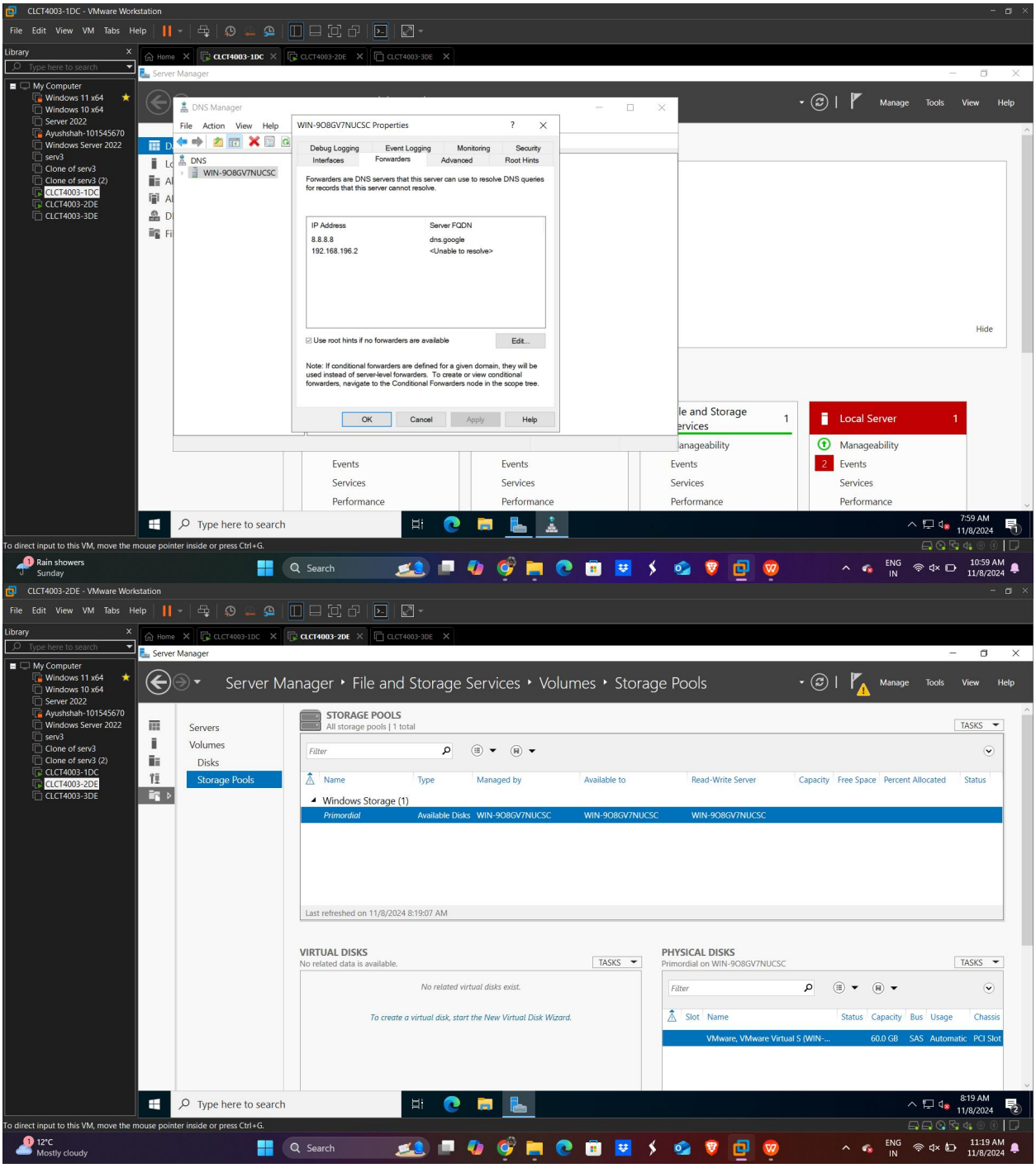

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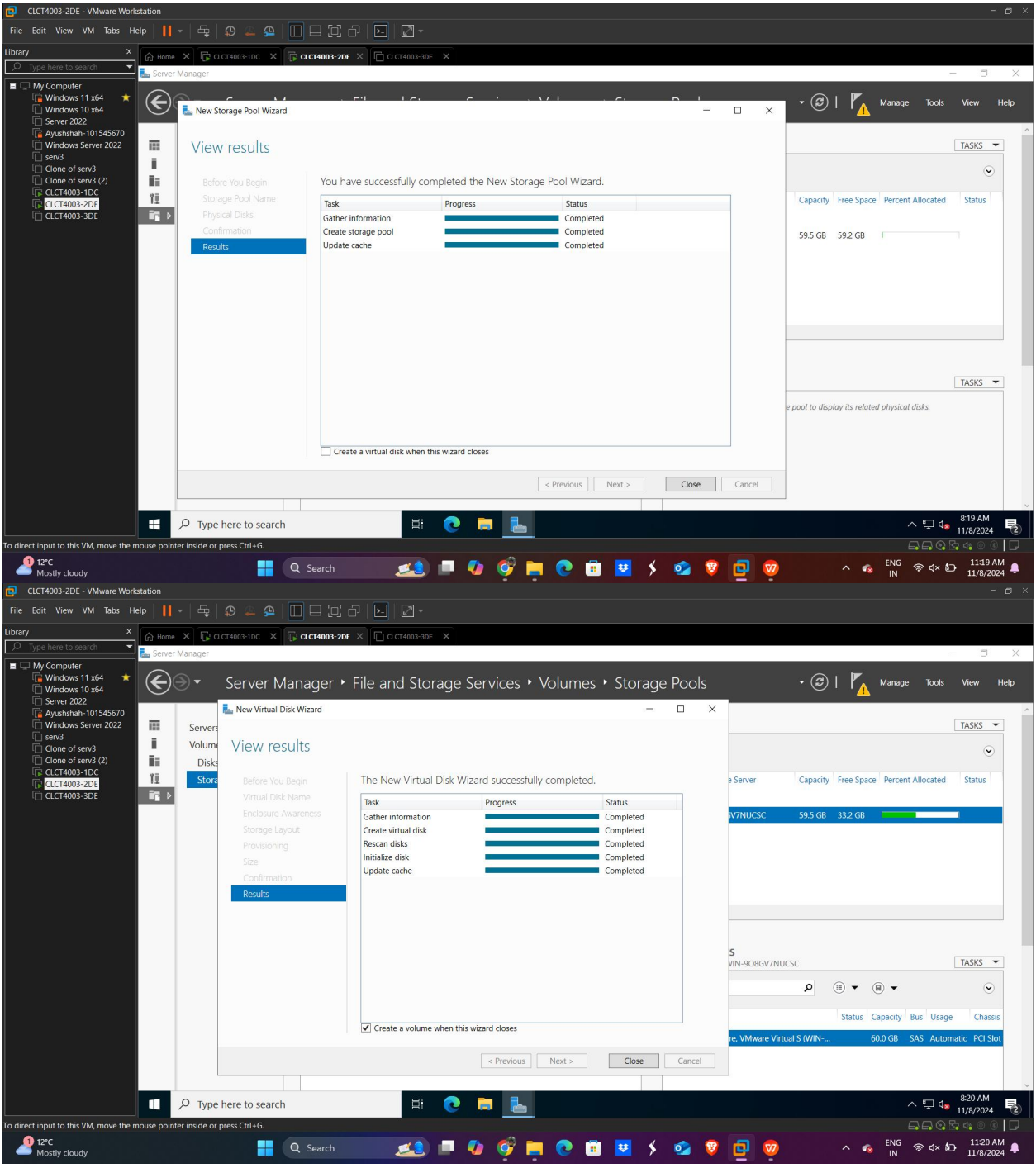

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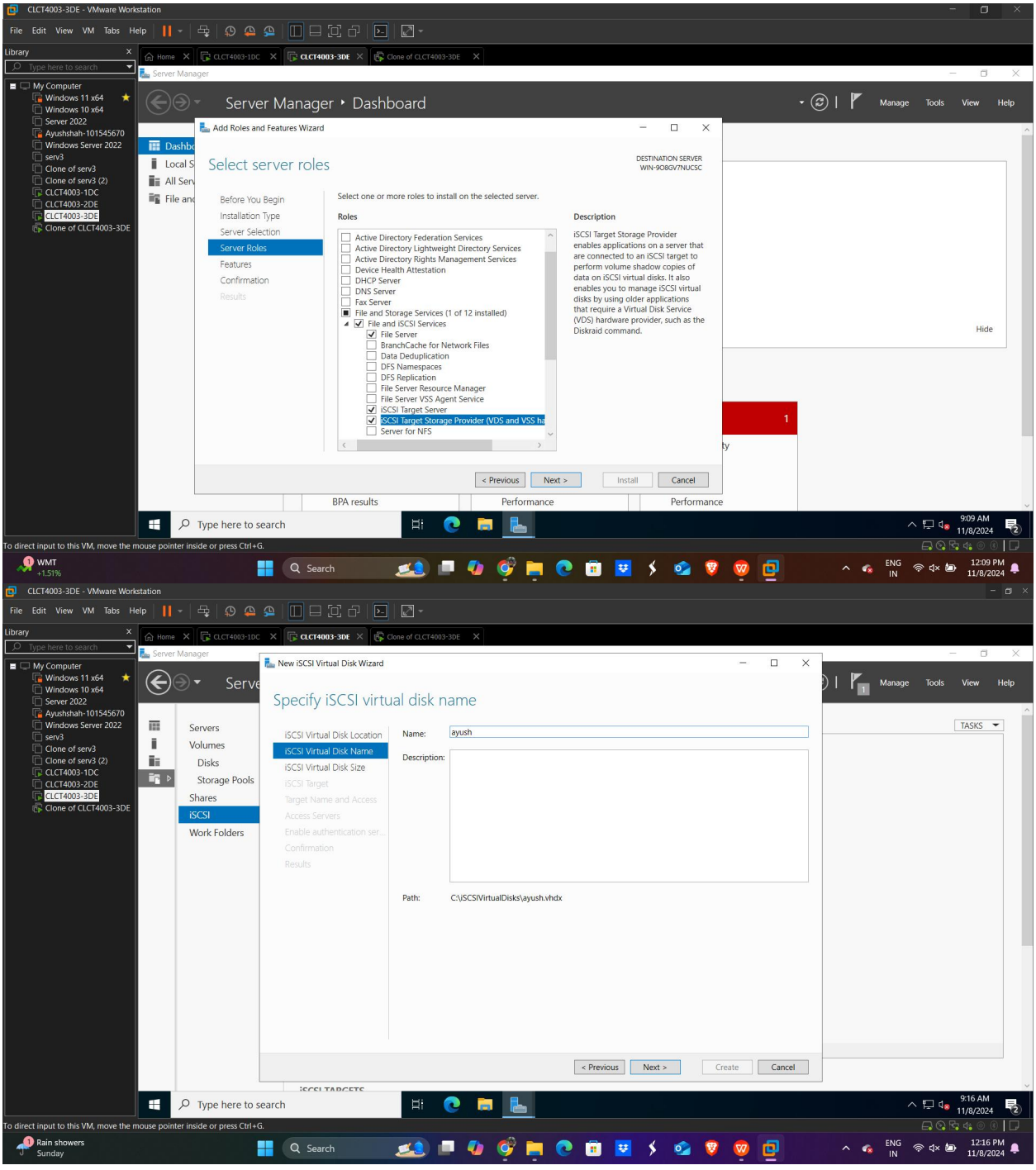

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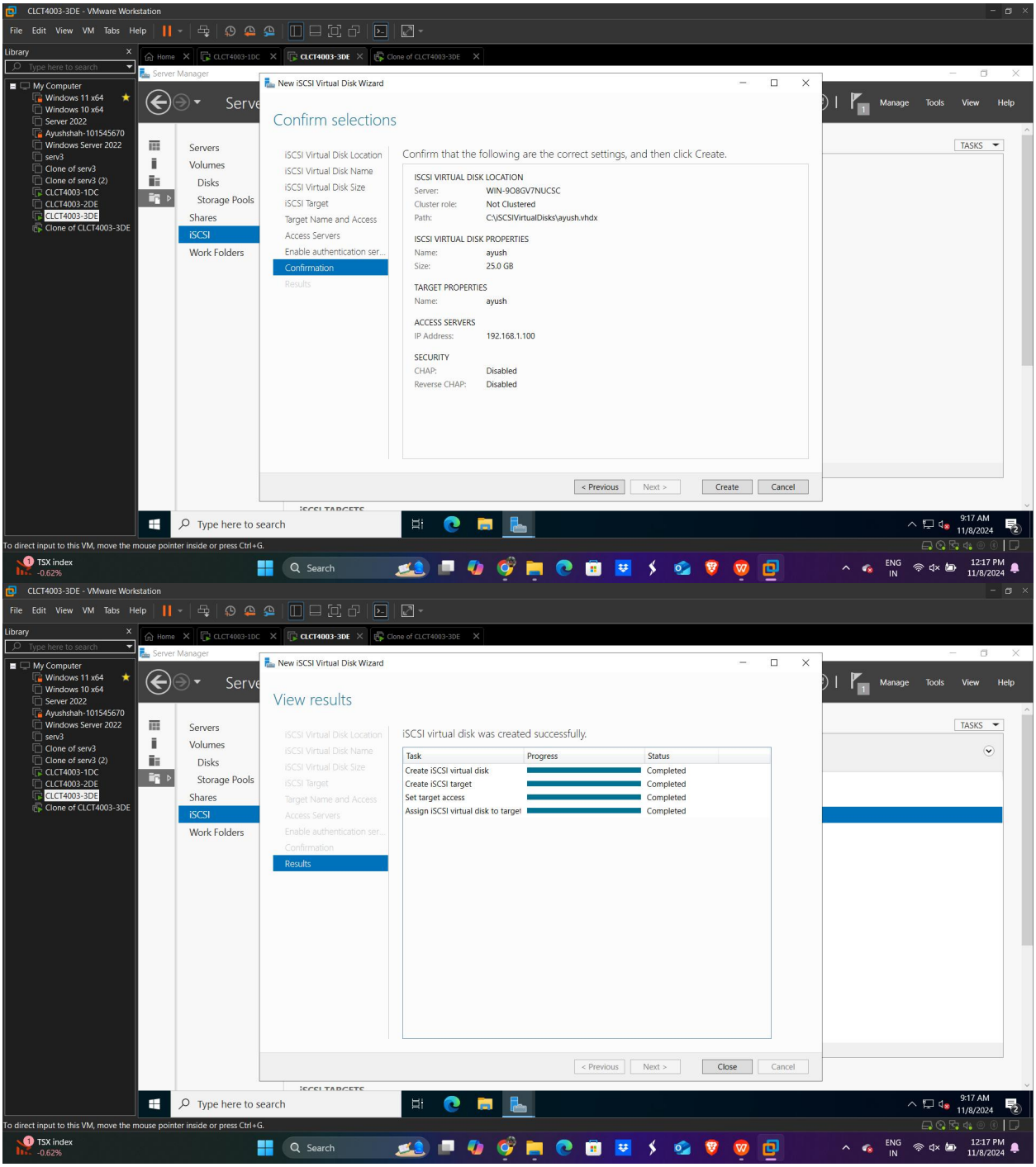

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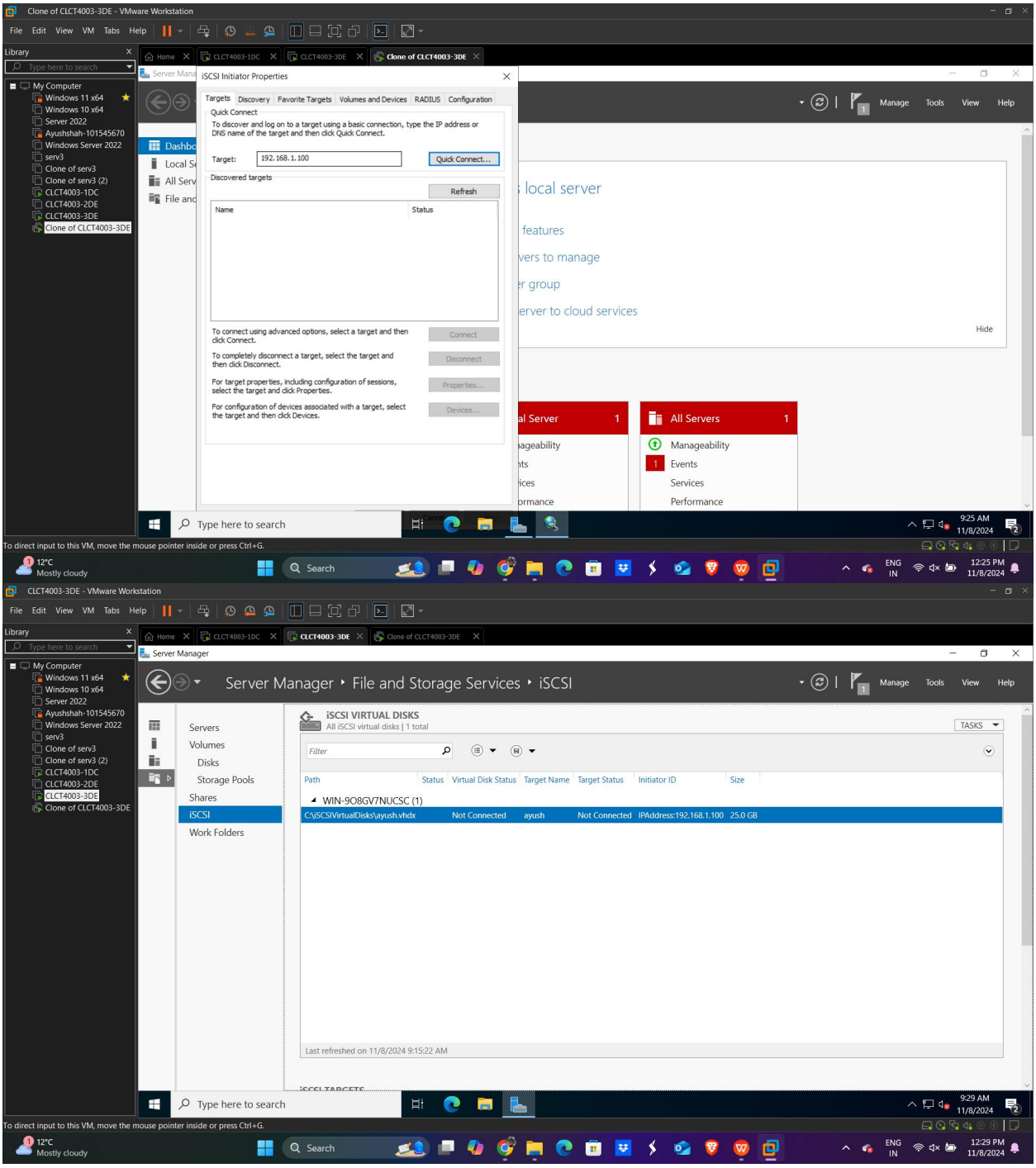

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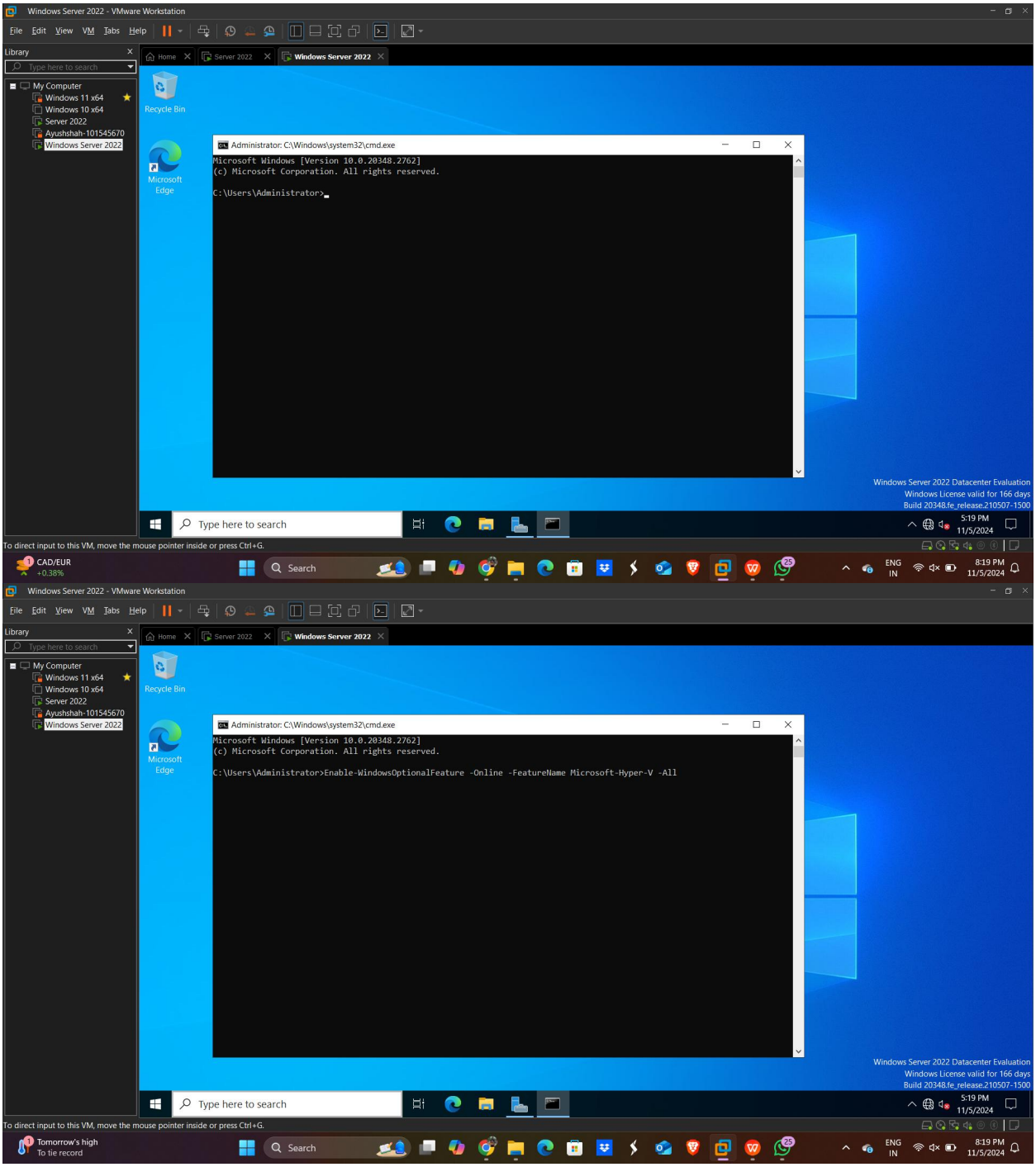

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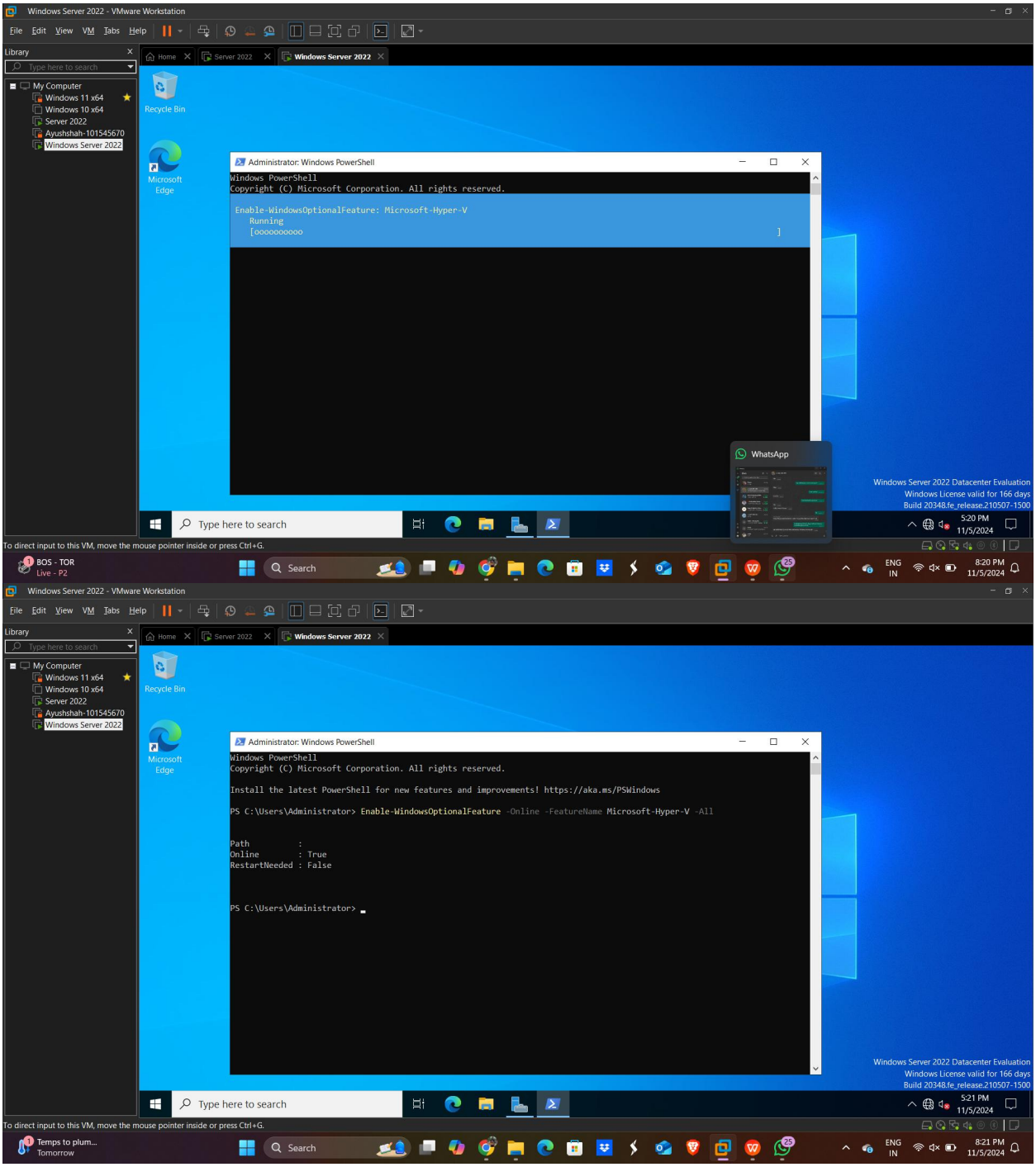

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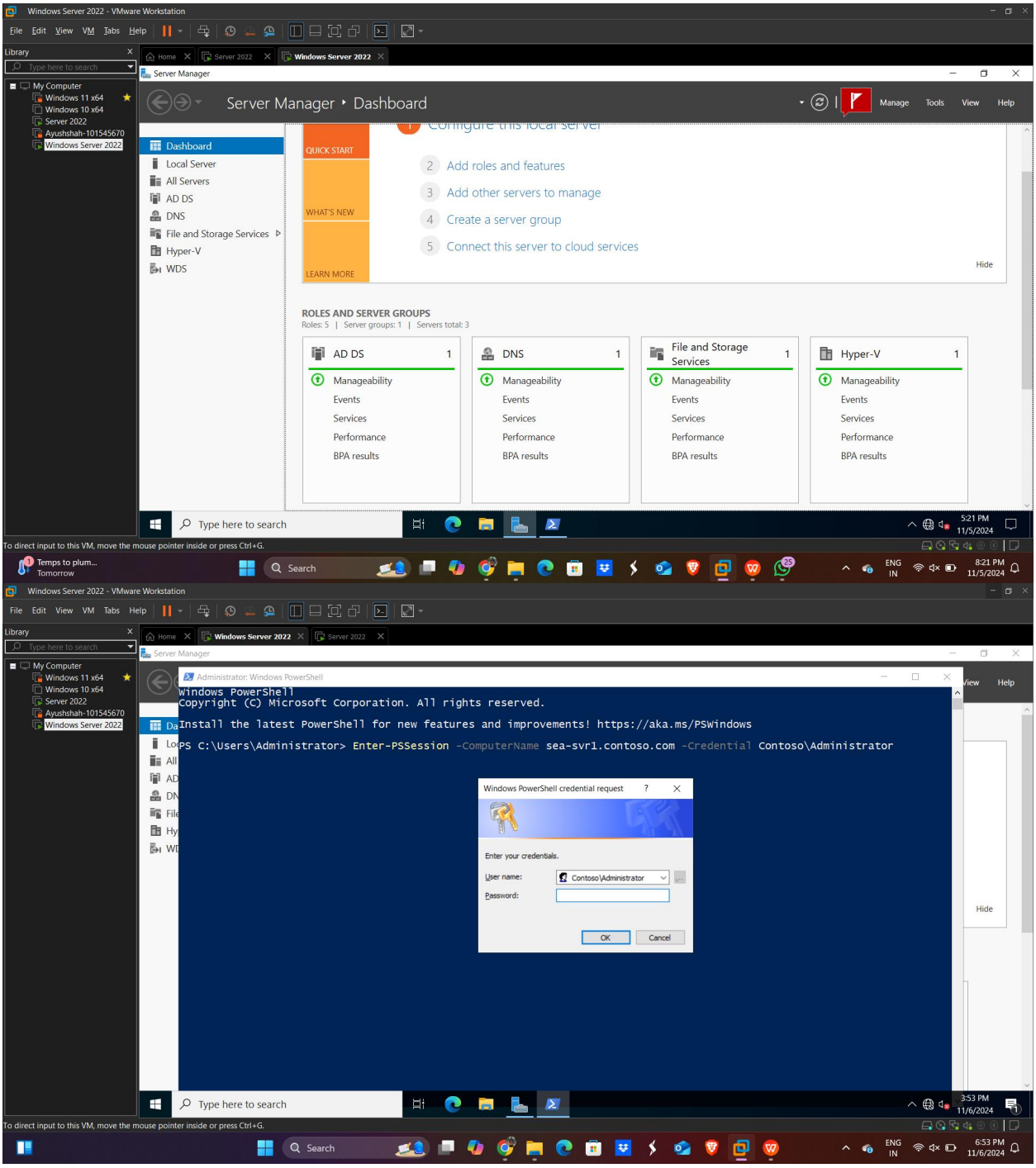

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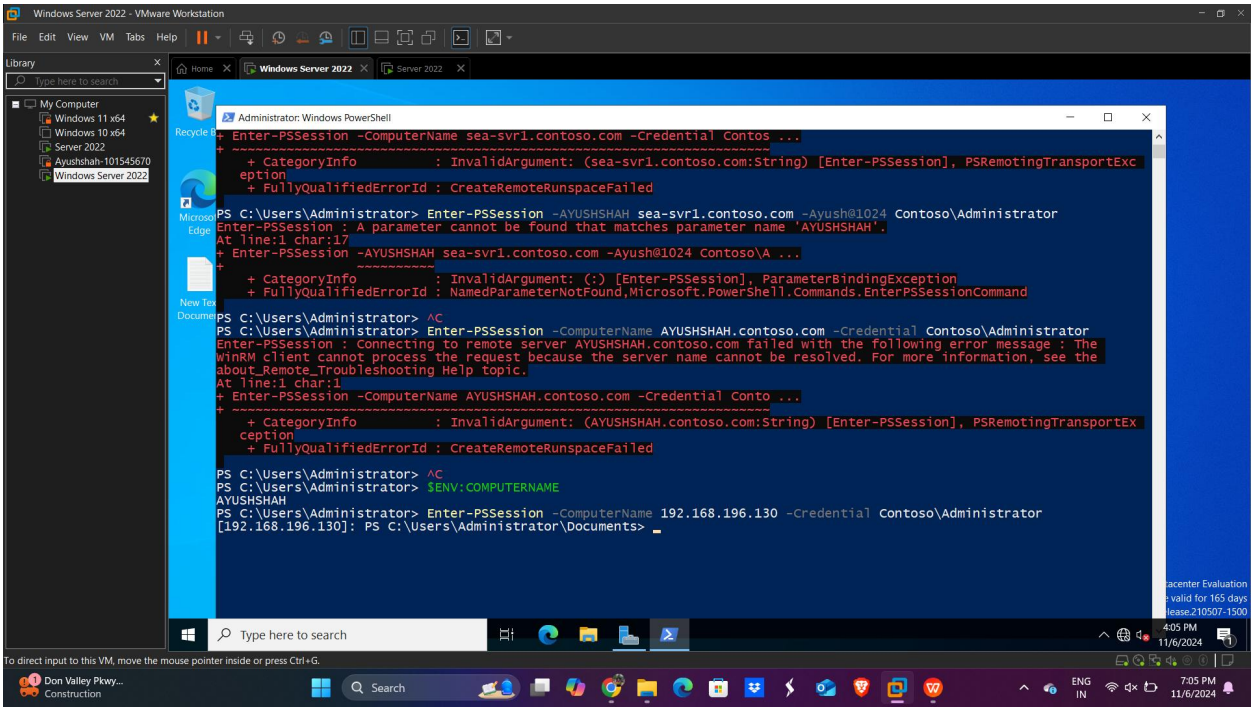

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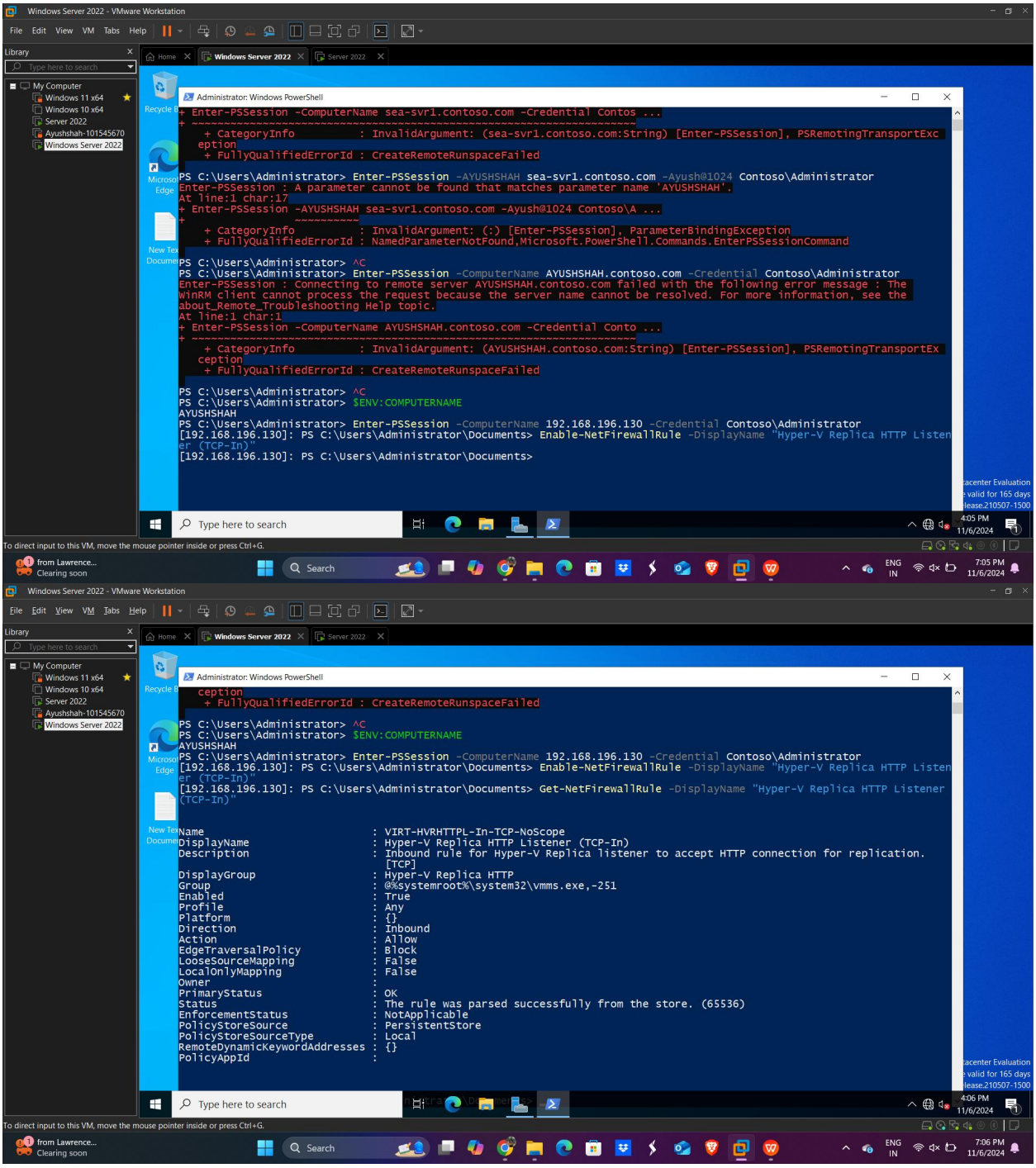

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