

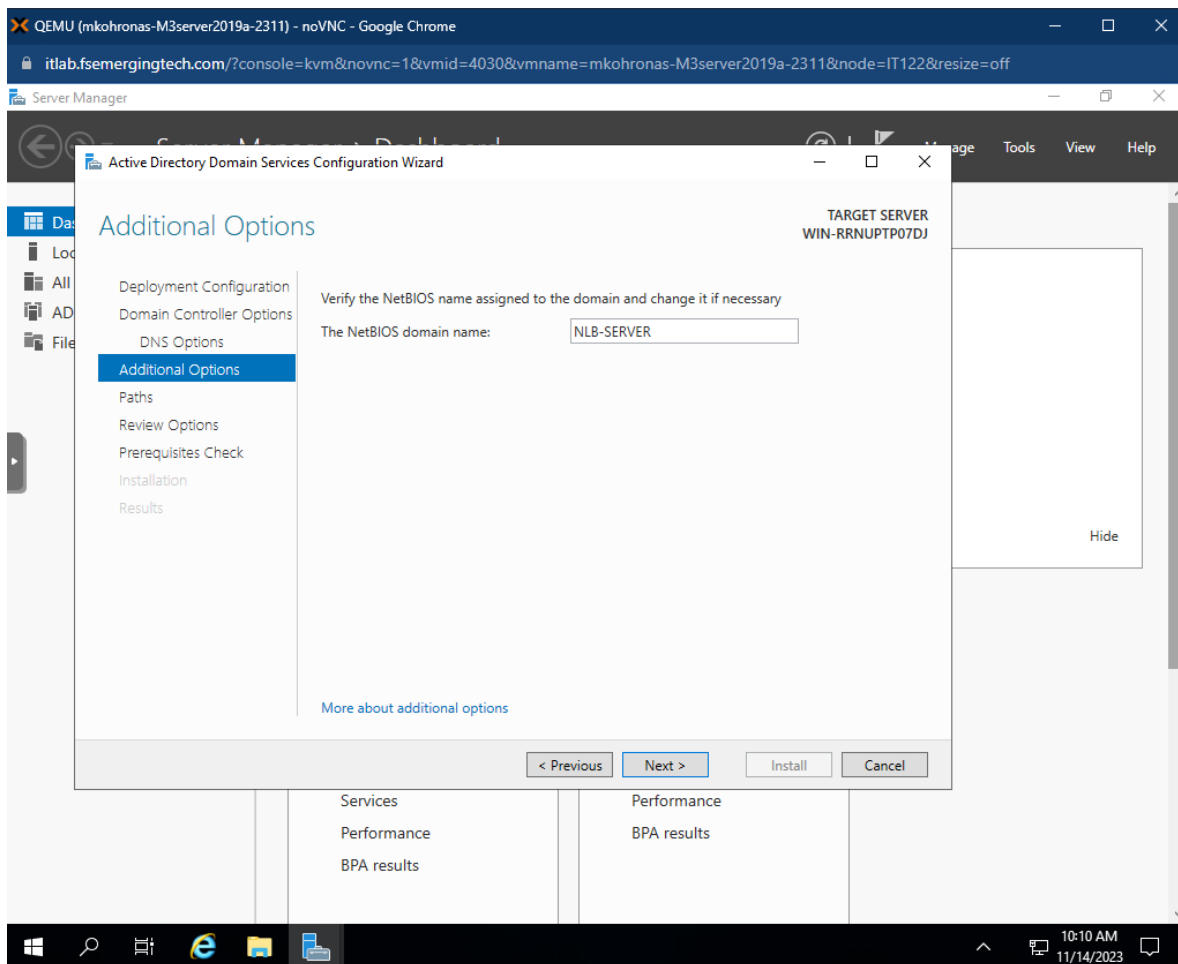
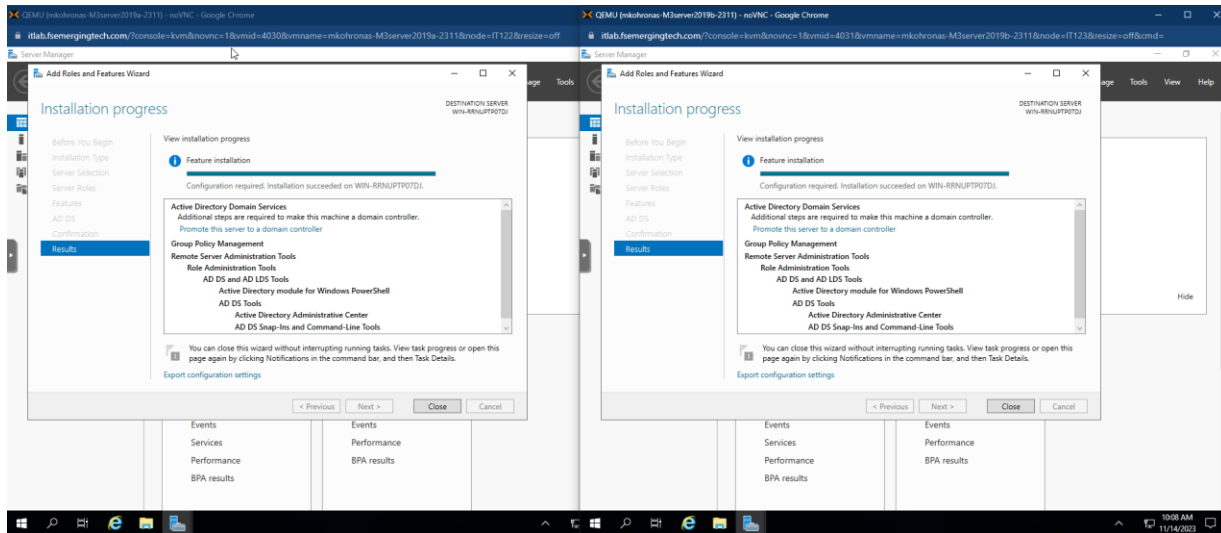
Network Load Balancing

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10/30/2023
Project Portfolio: III

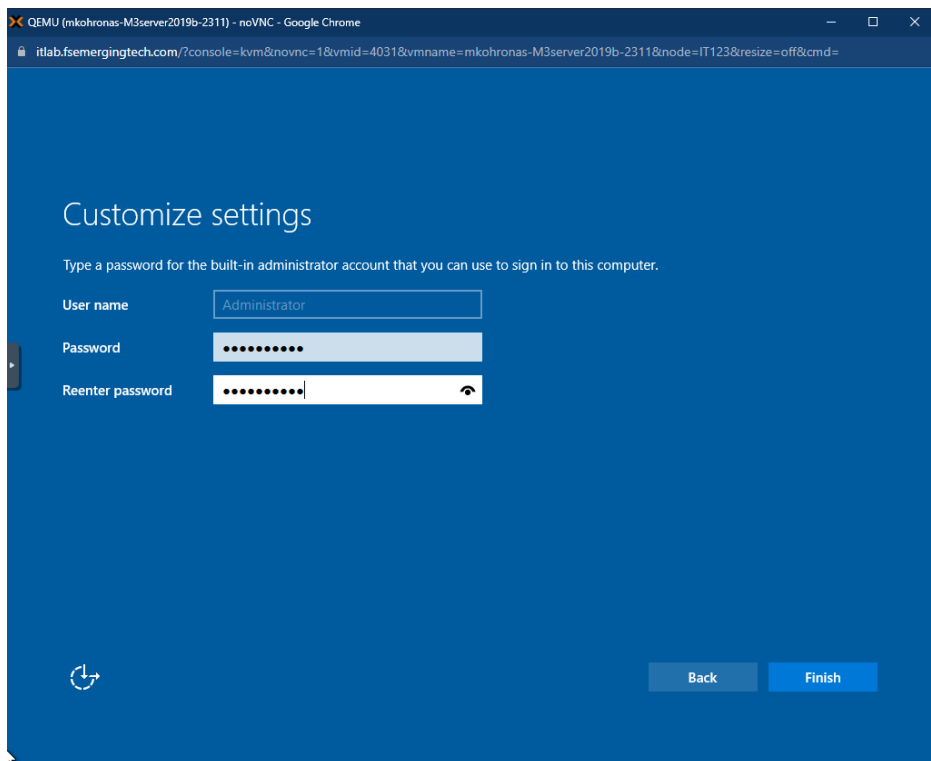
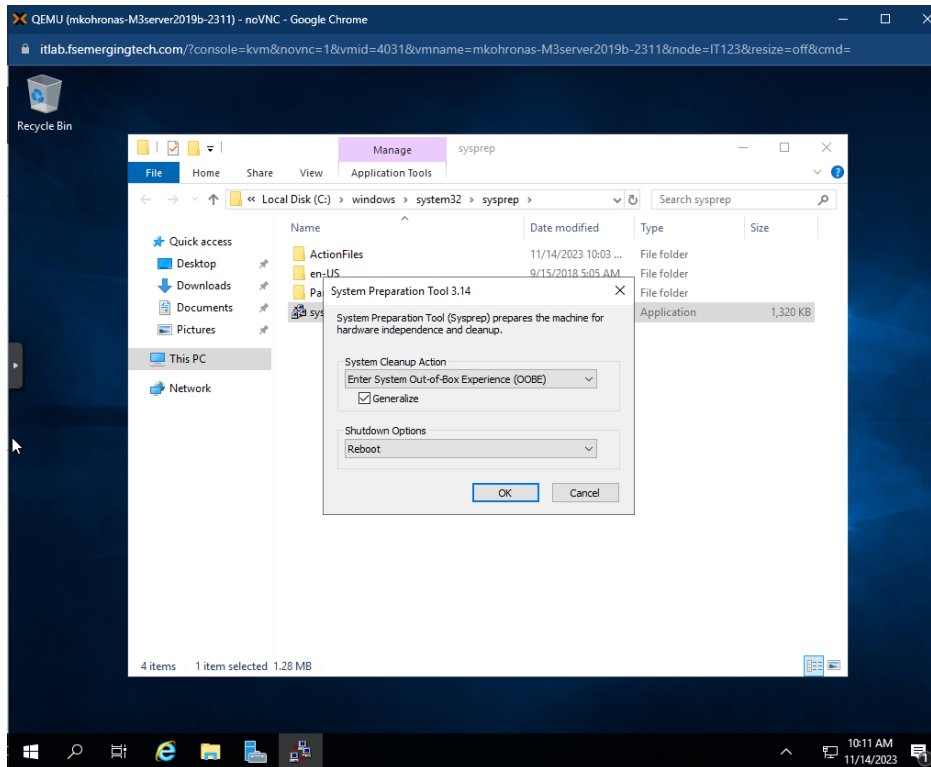
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Step 1: Install Active Directory Domain Services & Set it up



Step 2: Remove Duplicate SID & Generate a new SID



Step 3: Connect NLB-ServerB to NLB-ServerA

The screenshots illustrate the configuration steps for connecting NLB-ServerB to NLB-ServerA. The first screenshot shows the Windows IP Configuration window for Ethernet adapter Ethernet 2, displaying the IP address 192.168.50.114 and the default gateway 192.168.50.1. The second screenshot shows the Internet Protocol Version 4 (TCP/IPv4) Properties window, where the IP address is set to 192.168.50.117, the subnet mask is 255.255.255.0, and the default gateway is 192.168.50.2. The third screenshot shows the Internet Protocol Version 4 (TCP/IPv4) Properties window, where the IP address is set to 192.168.50.118, the subnet mask is 255.255.255.0, and the default gateway is 192.168.50.2. The fourth screenshot shows the Internet Protocol Version 4 (TCP/IPv4) Properties window, where the IP address is set to 192.168.50.119, the subnet mask is 255.255.255.0, and the default gateway is 192.168.50.2. The fifth screenshot shows the Active Directory Domain Services Configuration Wizard, where the server is successfully configured as a domain controller. The sixth screenshot shows the Results window of the Active Directory Domain Services Configuration Wizard, displaying the configuration details and the status of the domain controller.

Server Name ID Severity Source Log Date and Time

Server Name	ID	Severity	Source	Log	Date and Time
WIN-RNUPPT07D	8198	Error	Microsoft-Windows-Security-SPP	Application	11/14/2023
WIN-RNUPPT07D	8006	Warning	Microsoft-Windows-Winlogon	Application	11/14/2023
WIN-RNUPPT07D	8005	Warning	Microsoft-Windows-Winlogon	Application	11/14/2023

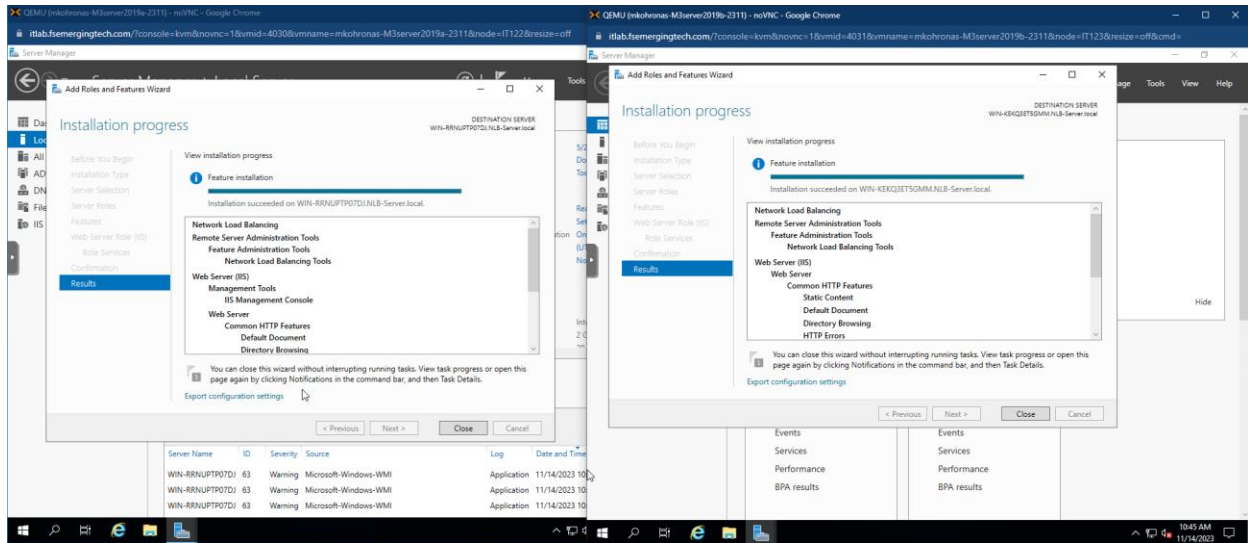
Server Name ID Severity Source Log Date and Time

Server Name	ID	Severity	Source	Log	Date and Time
WIN-RNUPPT07D	63	Warning	Microsoft-Windows-WMI	Application	11/14/2023 10:43:36 AM
WIN-RNUPPT07D	63	Warning	Microsoft-Windows-WMI	Application	11/14/2023 10:43:36 AM

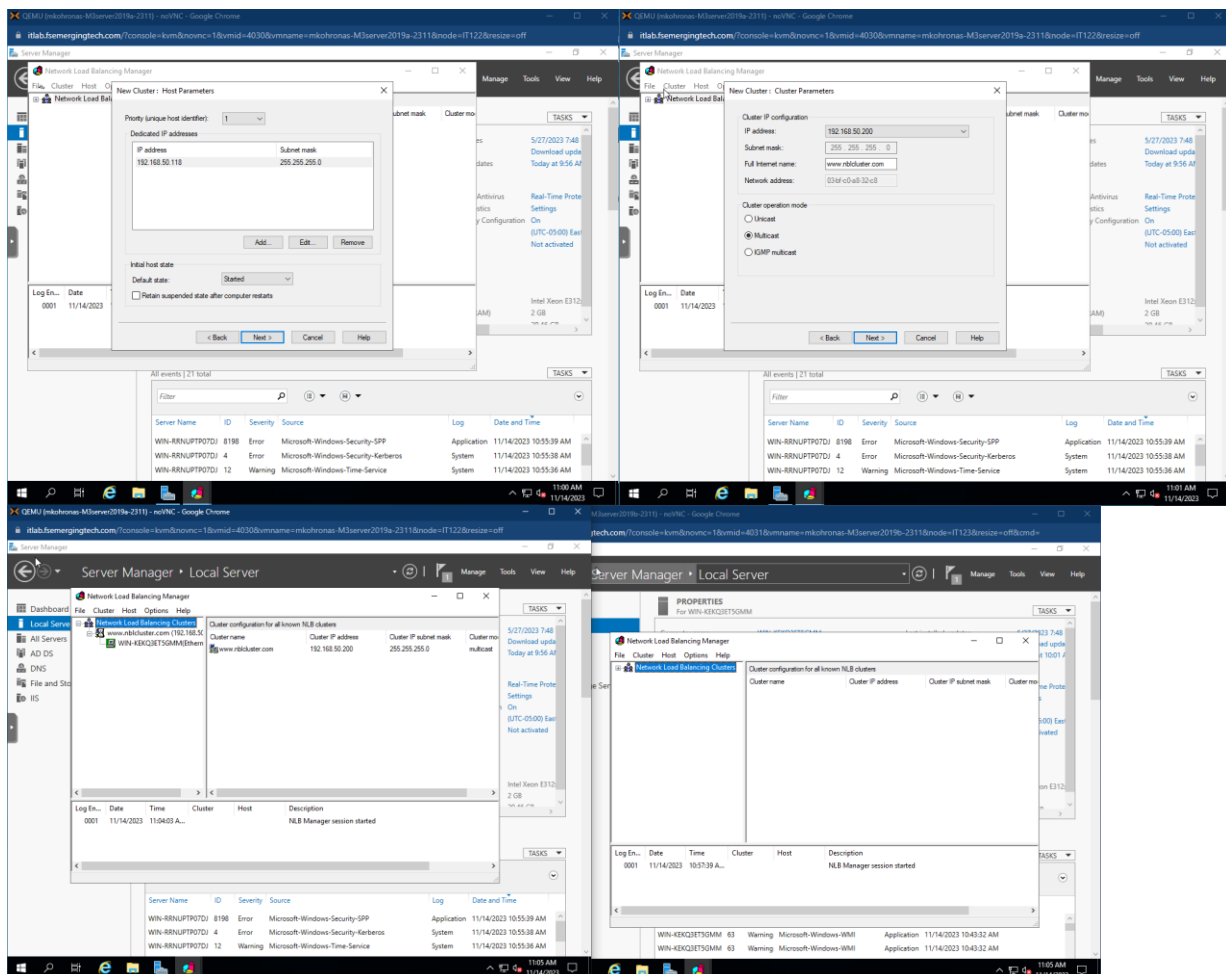
Server Name ID Severity Source Log Date and Time

Server Name	ID	Severity	Source	Log	Date and Time
WIN-KEKQJETSOMM	8198	Error	Microsoft-Windows-Security-SPP	Application	11/14/2023 10:31:10 AM
WIN-KEKQJETSOMM	8198	Error	Microsoft-Windows-Security-SPP	Application	11/14/2023 10:30:59 AM
WIN-KEKQJETSOMM	8016	Warning	Microsoft-Windows-DNS Client Events	System	11/14/2023 10:30:56 AM

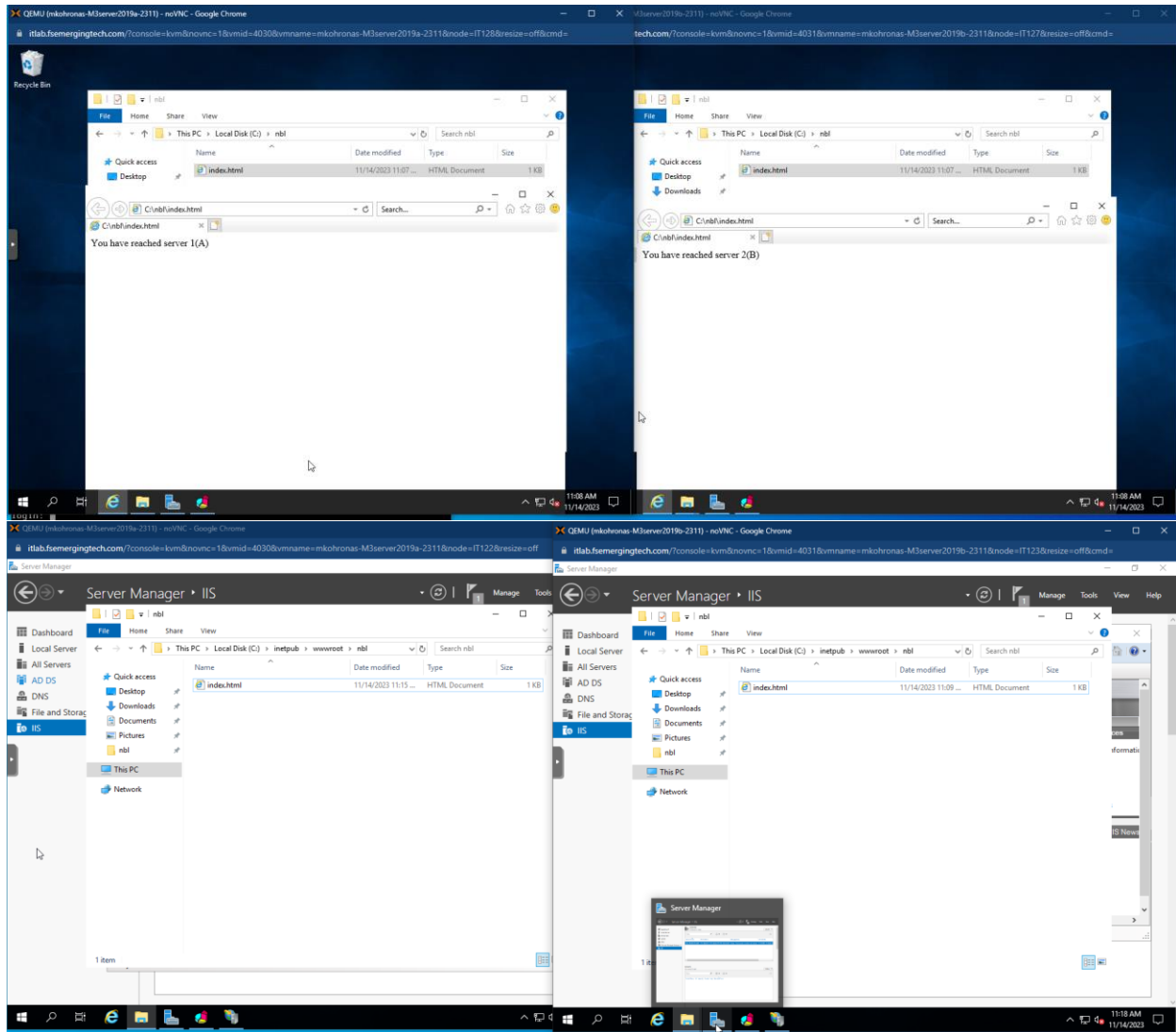
Step 4: Install Web Server (IIS) and Network Load Balancer (NLB)



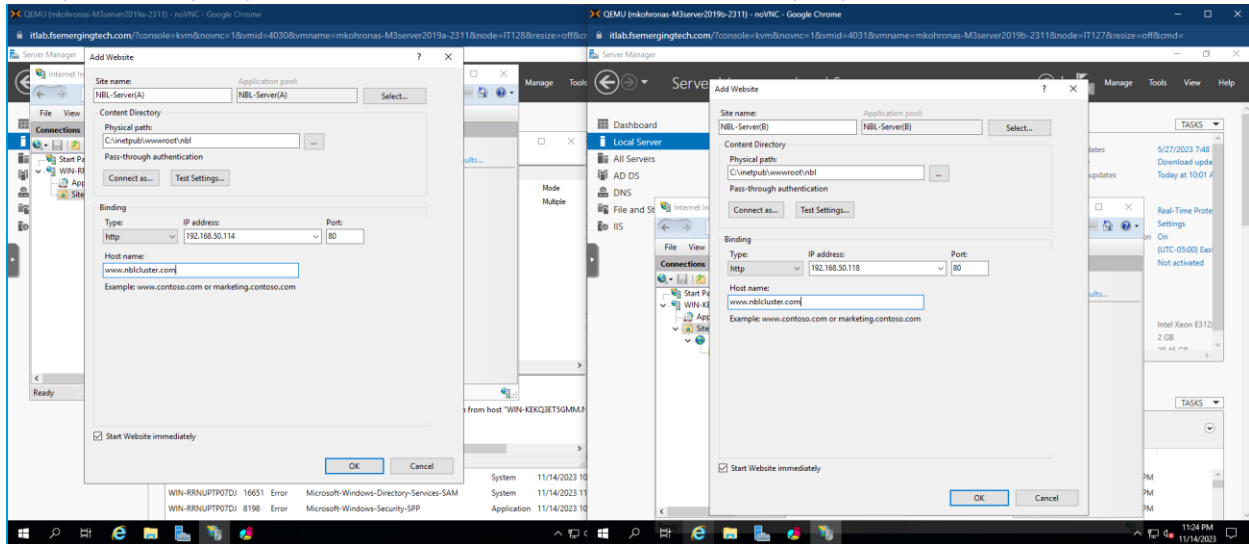
Step 5: Setup the Network Load Balancer (NLB)



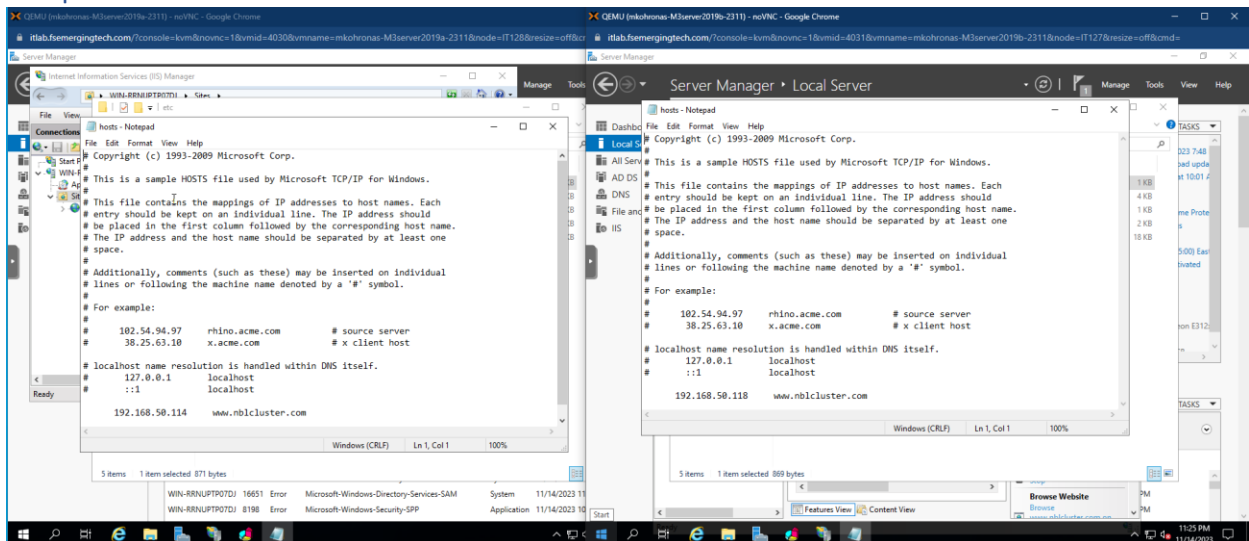
Step 6: Create a nlb folder & html file and move it to the wwwroot folder



Step 7: Step up Internet Information Services (IIS)



Step 8: Add the IP Address and Host Name to the hosts file



Step 9: Access www.nblcluster.com on both VM's

