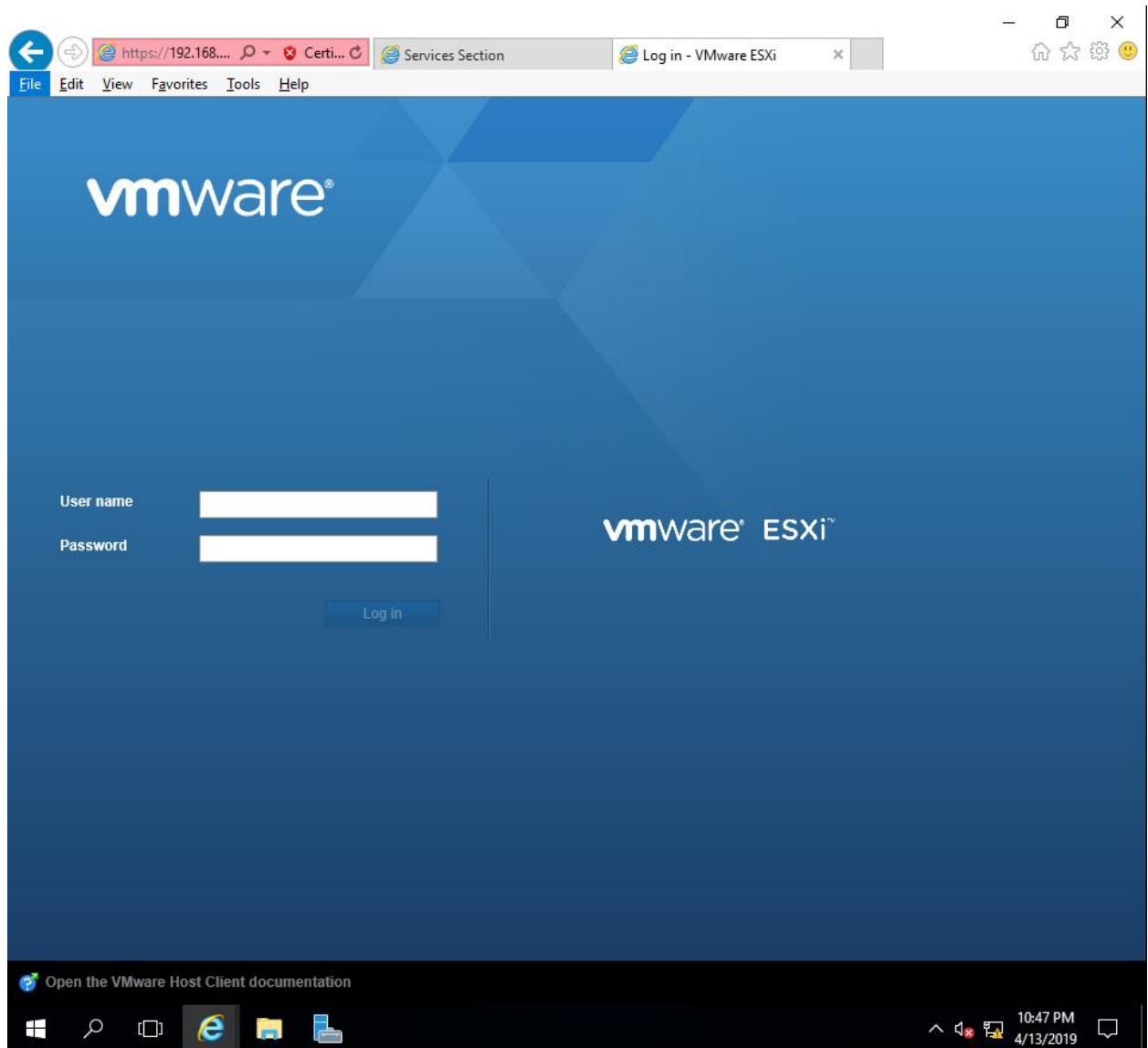



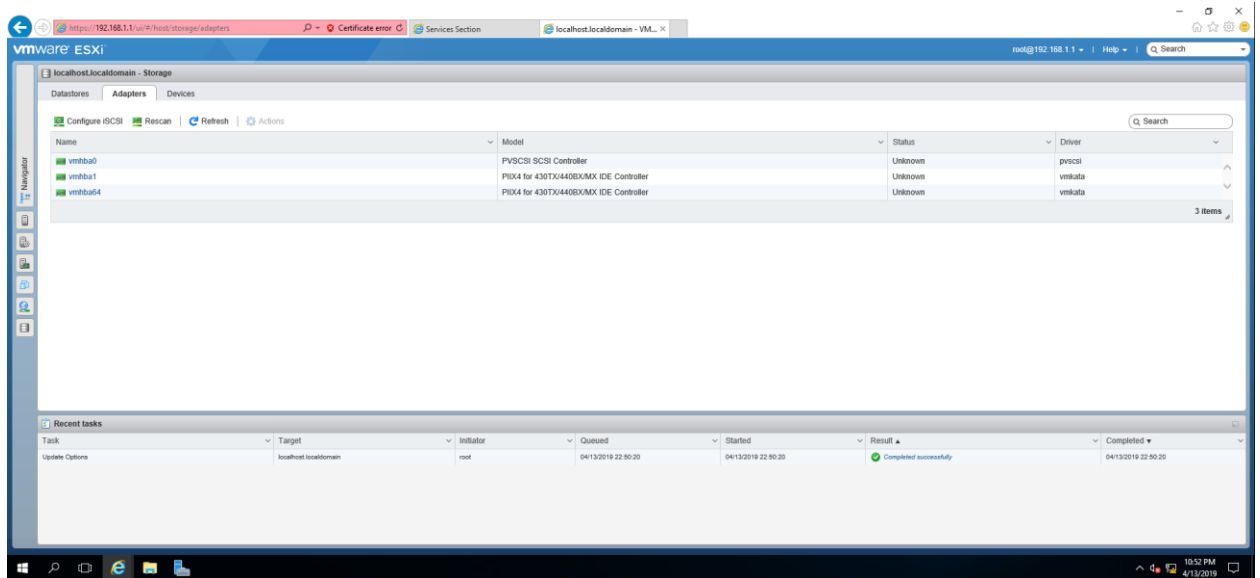
Attaching iSCSI storage to VMware ESXi

Notes:

- Ensure that ESXi is installed before proceeding (See “Installing VMWare ESXi” tutorial for more information)
 - Configure Storage Server / Network Attached according to manufacturer instructions Storage before proceeding
 - In this tutorial I will be using OpenFiler See “Installing and Configuring OpenFiler” tutorial for more information
- 1) Open another tab and in the address bar type http://ip address of ESXi server, login with root and password



2) Click  the configure iSCSI



- 3) Click enabled, click add dynamic target and enter the IP address for the Openfiler server.
- 4) Click add static target and enter the iSCSI target IQN and IP address to the static target

Set the dynamic target to the IP address of the iSCSI target

The screenshot shows the VMware ESXi web interface for configuring iSCSI. The browser address bar indicates the URL `https://10.0.0.3/ui`. The interface title is "localhost.localdomain - Storage". The "Configure iSCSI" section is active, showing the following settings:

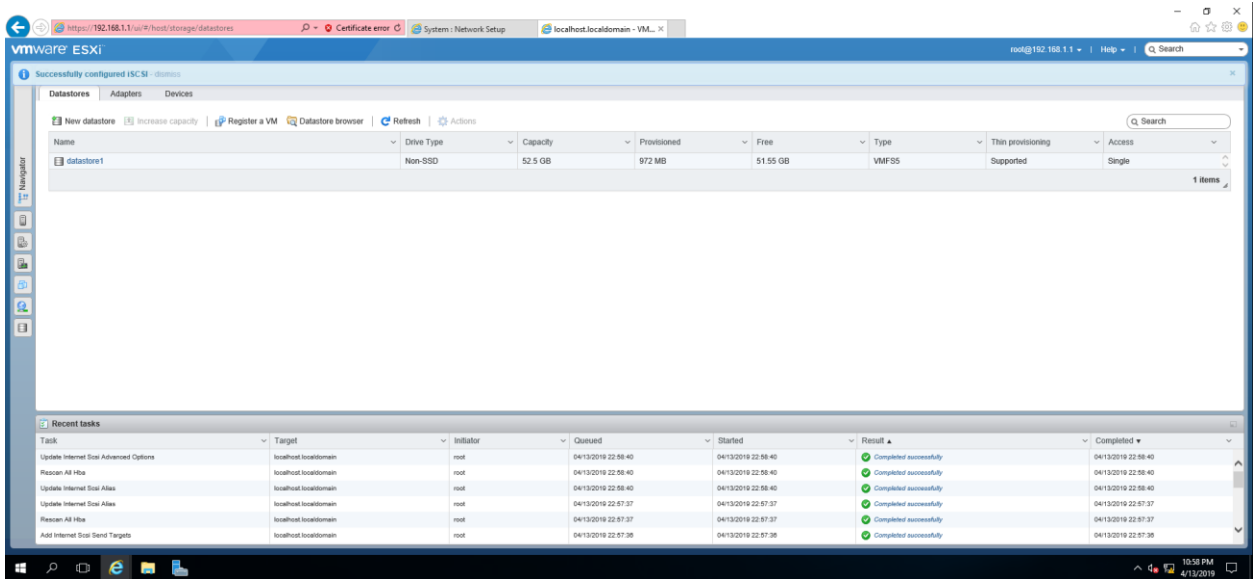
- iSCSI enabled:** ☐ Disabled ☒ Enabled
- Name & alias:** `iqn.1998-01.com.vmware:5cb1798d-0f9d-365d-fe40-000c296f630b-4e1e0a99`
- CHAP authentication:** Do not use CHAP
- Mutual CHAP authentication:** Do not use CHAP
- Advanced settings:** Click to expand
- Network port bindings:**
 - Buttons: Add port binding, Remove port binding
 - Fields: VMkernel NIC, Port group, IPv4 address
 - Status: No port bindings
- Static targets:**
 - Buttons: Add static target, Remove static target, Edit settings
 - Search: Search
 - Table:
- Dynamic targets:**
 - Buttons: Add dynamic target, Remove dynamic target, Edit settings
 - Search: Search
 - Table:

At the bottom of the configuration section are "Save configuration" and "Cancel" buttons. The Windows taskbar at the bottom shows the time as 11:09 AM on 4/14/2019.

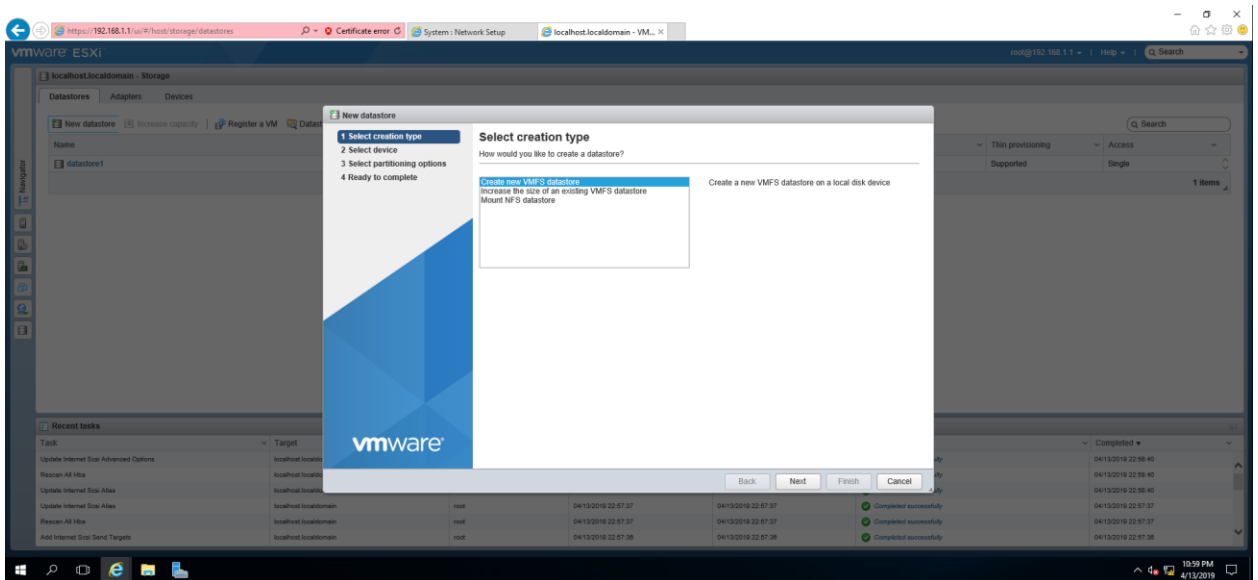
Target	Address	Port
iqn.2006-01.com.openfiler:tsn.5c4fb573f402	10.0.0.1	3260

Address	Port
10.0.0.1	3260

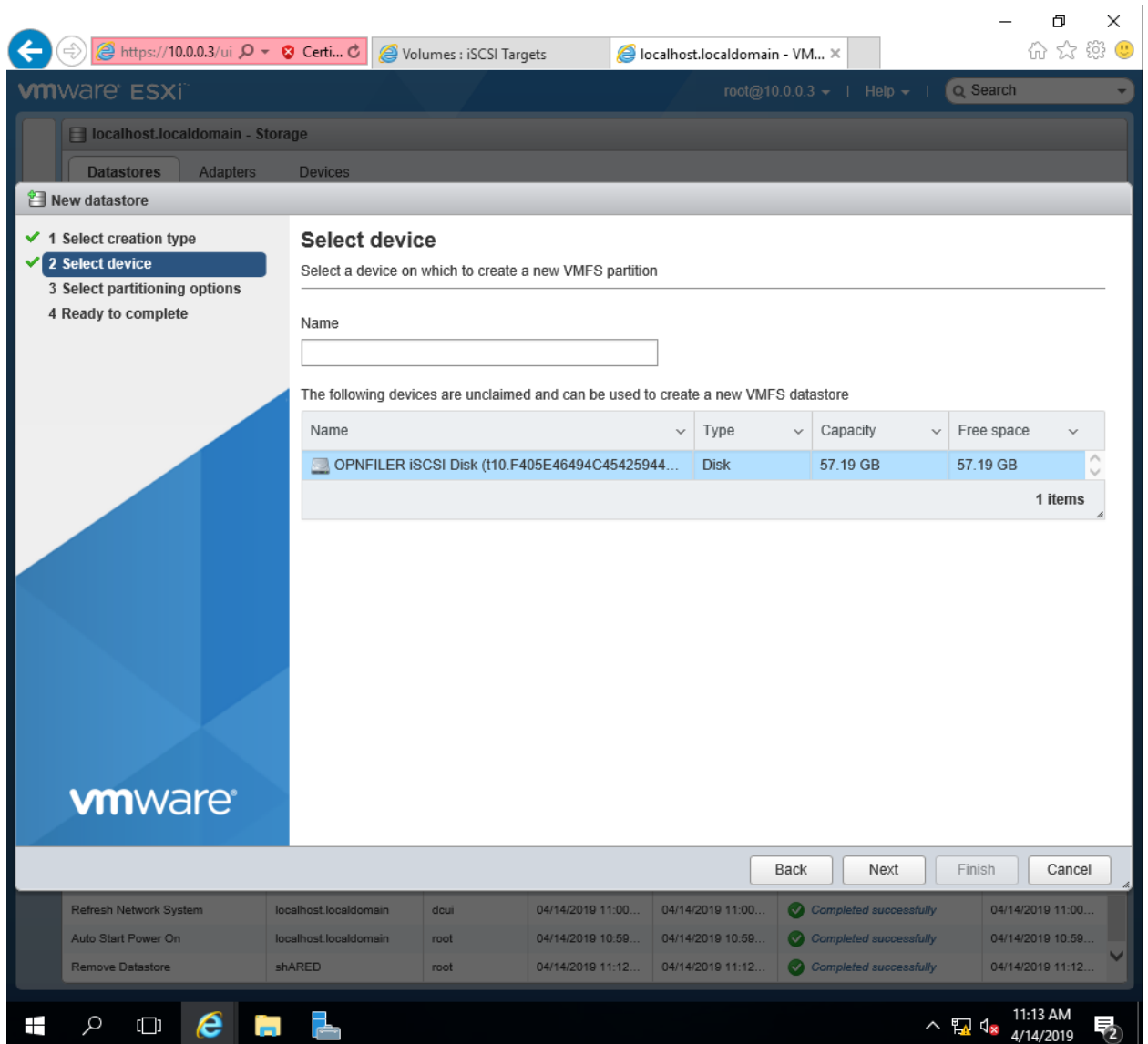
5) Click datastores > new datastore



6) Select create a new VMFS datastore



7) Select OpenFile device

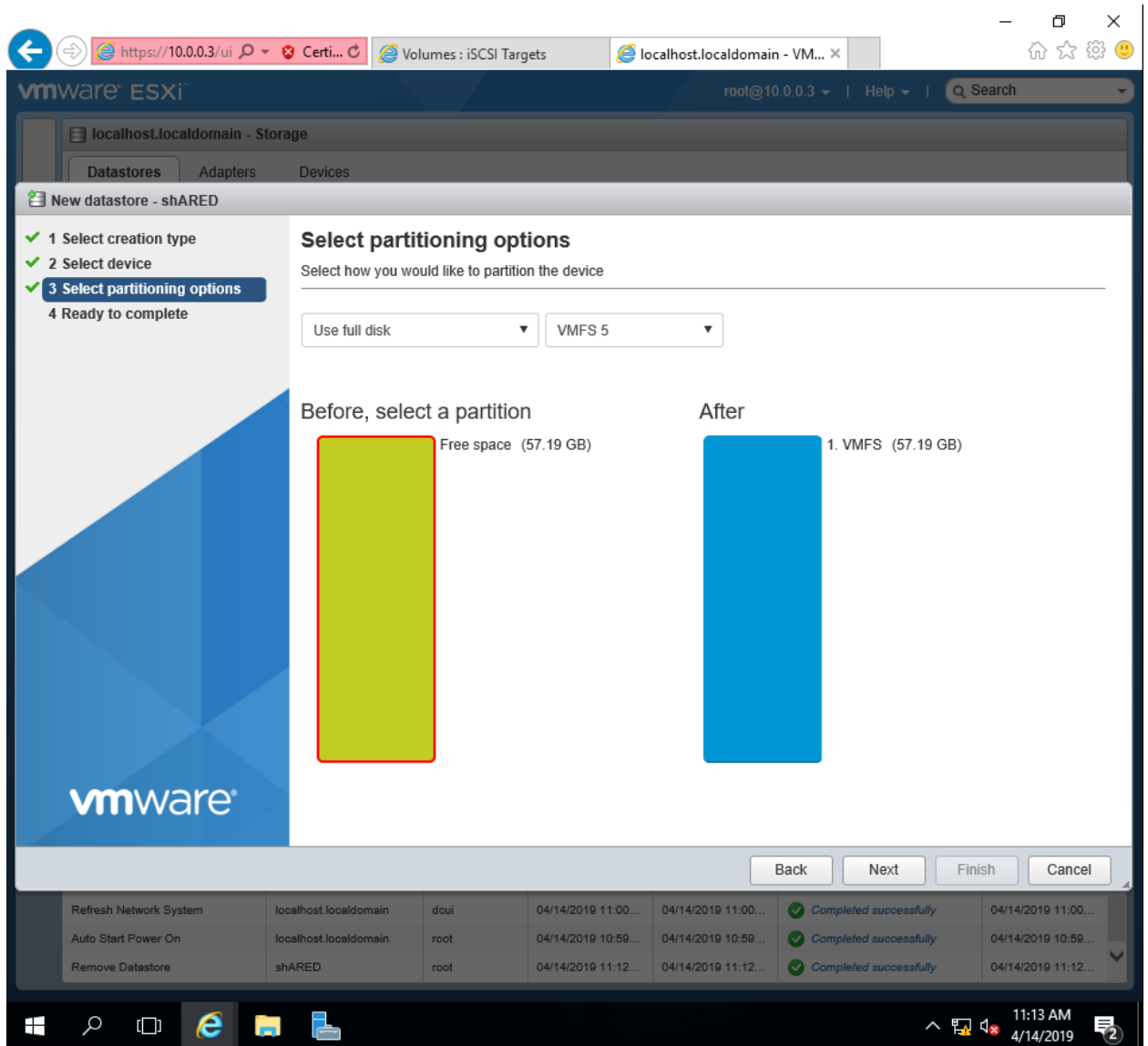


The screenshot shows the VMware ESXi web interface with the 'New datastore' wizard open. The wizard is at step 2, 'Select device', where the user is prompted to 'Select a device on which to create a new VMFS partition'. The left sidebar shows the progress: 1. Select creation type (completed), 2. Select device (current step), 3. Select partitioning options, and 4. Ready to complete. The main area displays a table of available devices:

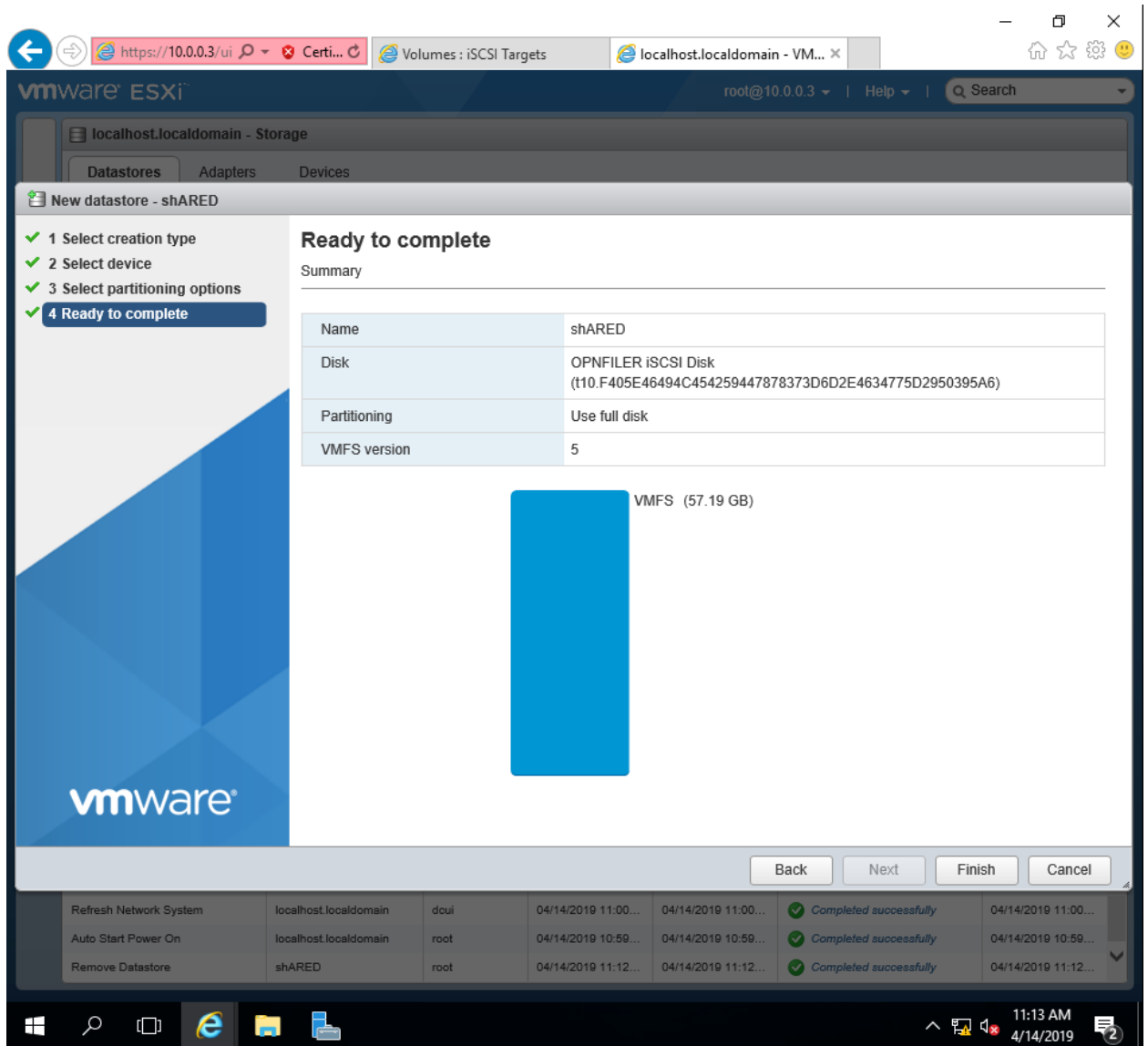
Name	Type	Capacity	Free space
OPNFILER iSCSI Disk (t10.F405E46494C45425944...)	Disk	57.19 GB	57.19 GB

Below the table, it indicates '1 items'. At the bottom of the wizard, there are 'Back', 'Next', 'Finish', and 'Cancel' buttons. The bottom status bar shows a list of recent tasks, including 'Refresh Network System', 'Auto Start Power On', and 'Remove Datastore', all of which were completed successfully on 04/14/2019.

8) Accept defaults



9) Click finish



10) Click finish