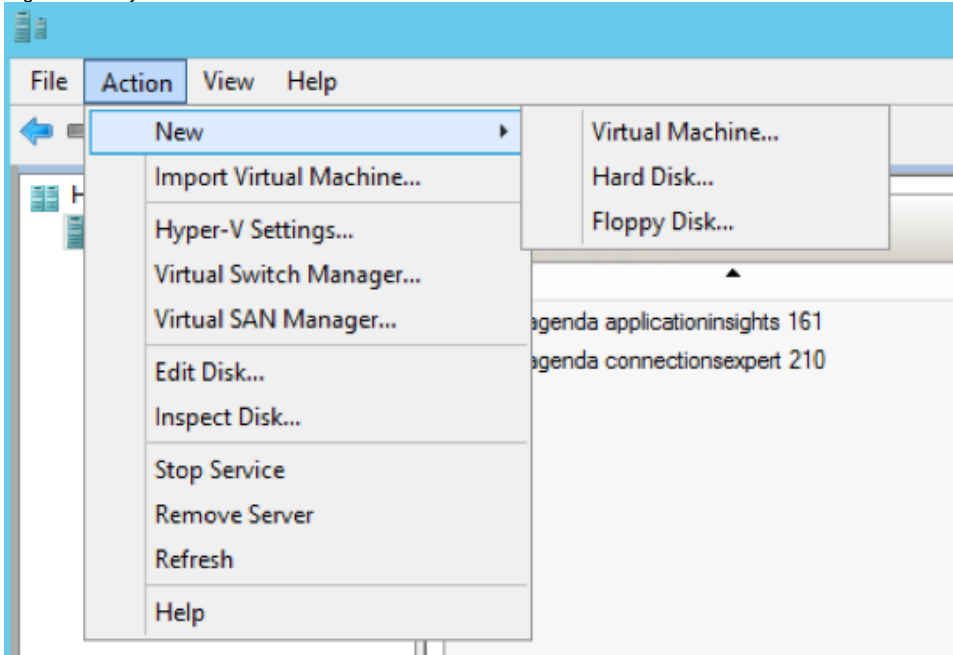


Import Hyper-V Image on Older Windows Server Editions

On older Hyper-V server versions you might encounter issues while importing the iDNA Applications virtual machine.

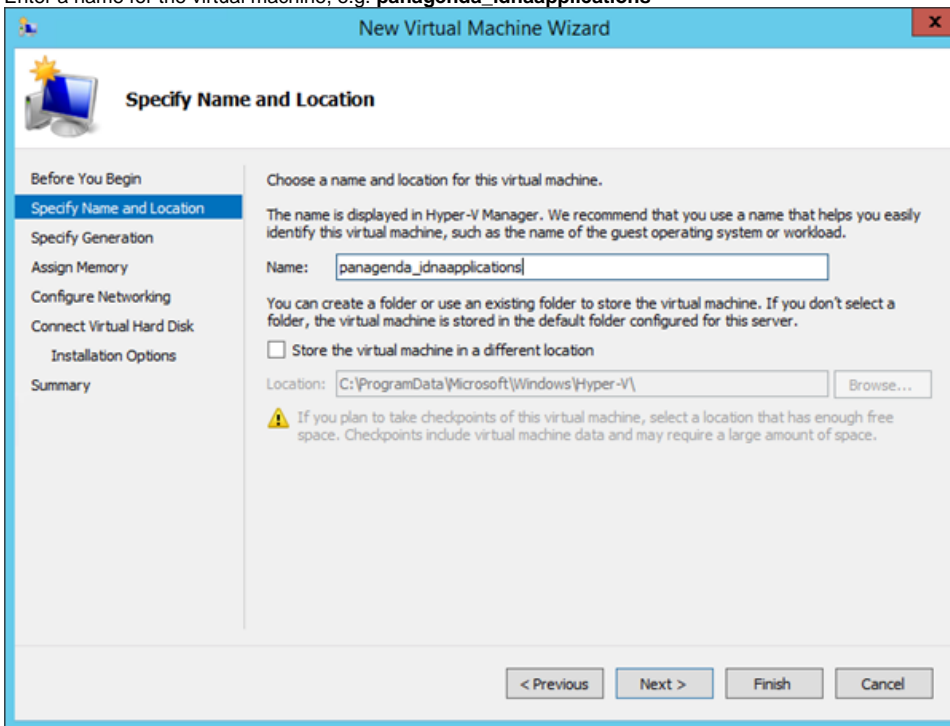
The following steps describe a workaround:

- Extract the file **panagenda_idnaapplications_hyperv_vhd.7z**
- Start Hyper-V Manager
- Right-click on your server and select "New -> Virtual Machine"



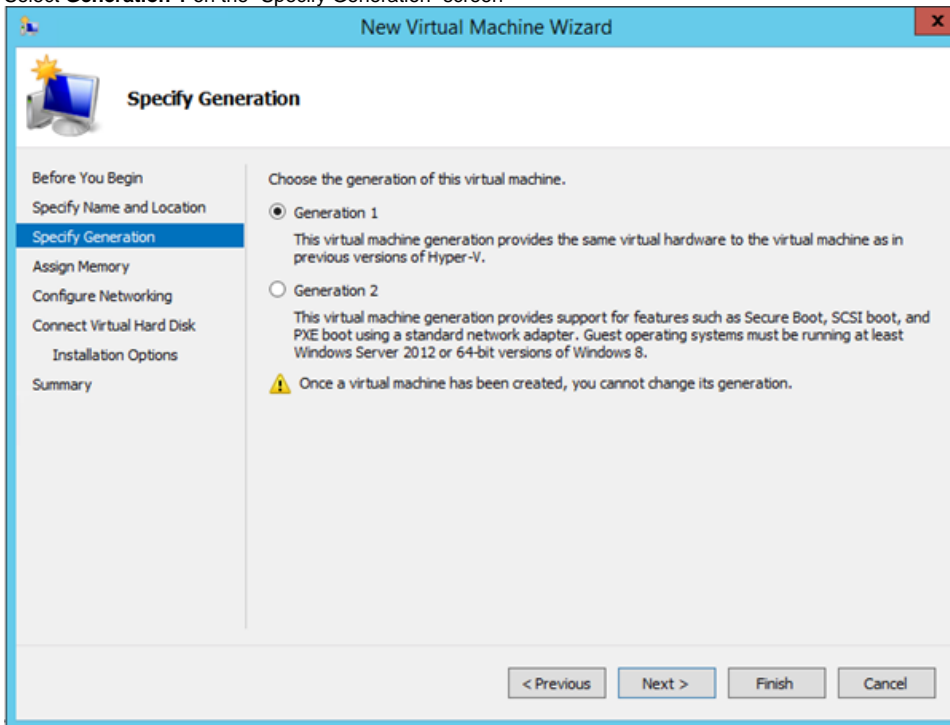
- Click **Next** on "Before you Begin" screen

- Enter a name for the virtual machine, e.g. **panagenda_idnaapplications**



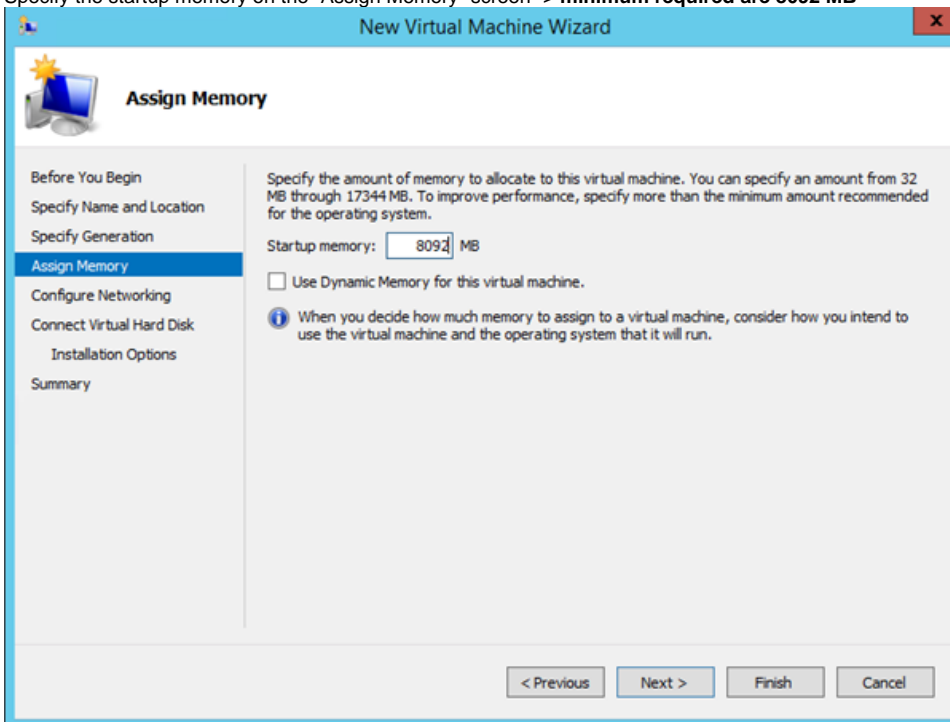
The screenshot shows the 'Specify Name and Location' step of the 'New Virtual Machine Wizard'. The left sidebar contains a list of steps: 'Before You Begin', 'Specify Name and Location' (highlighted), 'Specify Generation', 'Assign Memory', 'Configure Networking', 'Connect Virtual Hard Disk', 'Installation Options', and 'Summary'. The main area has a title 'Specify Name and Location' and a subtitle 'Choose a name and location for this virtual machine.' Below this, it explains that the name is displayed in Hyper-V Manager and recommends using a name that identifies the VM. A text box for 'Name' contains 'panagenda_idnaapplications'. It then asks if the user wants to store the VM in a different location, with a checkbox that is currently unchecked. The 'Location' text box shows 'C:\ProgramData\Microsoft\Windows\Hyper-V\'. A 'Browse...' button is next to it. A warning icon and text state: 'If you plan to take checkpoints of this virtual machine, select a location that has enough free space. Checkpoints include virtual machine data and may require a large amount of space.' At the bottom are buttons for '< Previous', 'Next >', 'Finish', and 'Cancel'.

- Select **Generation 1** on the “Specify Generation” screen



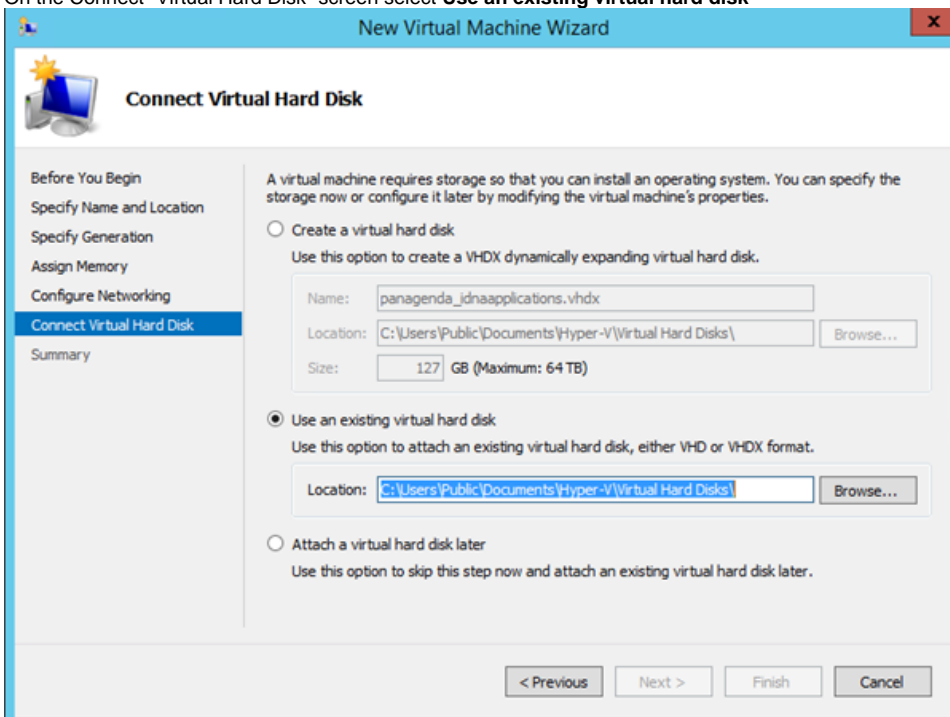
The screenshot shows the 'Specify Generation' step of the 'New Virtual Machine Wizard'. The left sidebar is the same as the previous screen, but 'Specify Generation' is now highlighted. The main area has a title 'Specify Generation' and a subtitle 'Choose the generation of this virtual machine.' There are two radio button options: 'Generation 1' (selected) and 'Generation 2'. Below 'Generation 1', it states: 'This virtual machine generation provides the same virtual hardware to the virtual machine as in previous versions of Hyper-V.' Below 'Generation 2', it states: 'This virtual machine generation provides support for features such as Secure Boot, SCSI boot, and PXE boot using a standard network adapter. Guest operating systems must be running at least Windows Server 2012 or 64-bit versions of Windows 8.' A warning icon and text state: 'Once a virtual machine has been created, you cannot change its generation.' At the bottom are buttons for '< Previous', 'Next >', 'Finish', and 'Cancel'.

- Specify the startup memory on the “Assign Memory” screen -> **minimum required are 8092 MB**



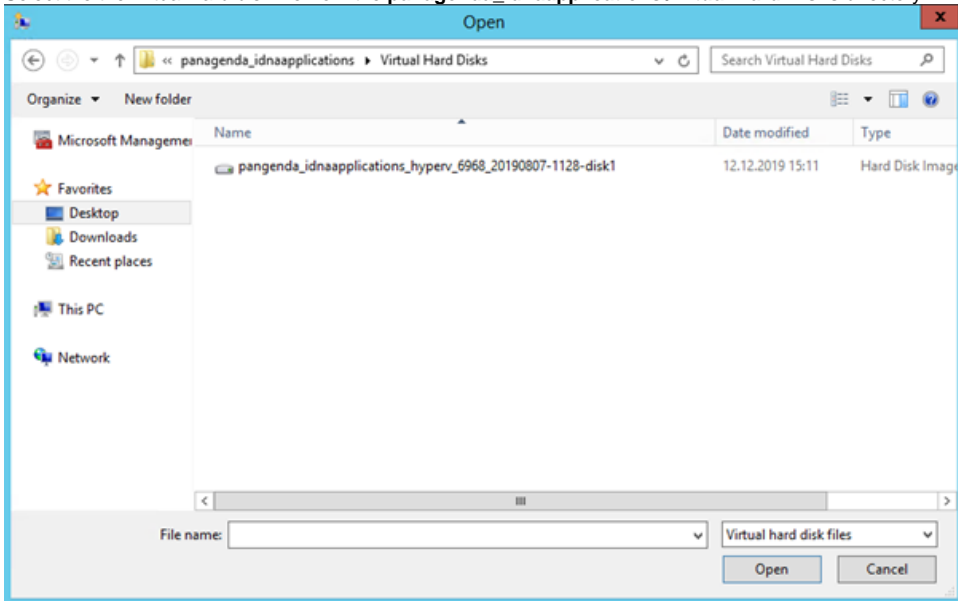
The screenshot shows the 'Assign Memory' step of the 'New Virtual Machine Wizard'. The left sidebar lists the steps: 'Before You Begin', 'Specify Name and Location', 'Specify Generation', 'Assign Memory' (selected), 'Configure Networking', 'Connect Virtual Hard Disk', 'Installation Options', and 'Summary'. The main area contains instructions: 'Specify the amount of memory to allocate to this virtual machine. You can specify an amount from 32 MB through 17344 MB. To improve performance, specify more than the minimum amount recommended for the operating system.' Below this, the 'Startup memory' is set to '8092 MB'. There is an unchecked checkbox for 'Use Dynamic Memory for this virtual machine.' and an information icon with a note: 'When you decide how much memory to assign to a virtual machine, consider how you intend to use the virtual machine and the operating system that it will run.' At the bottom are buttons for '< Previous', 'Next >', 'Finish', and 'Cancel'.

- Specify a network connection -> e.g. **Default Switch**
- On the Connect “Virtual Hard Disk” screen select **Use an existing virtual hard disk**



The screenshot shows the 'Connect Virtual Hard Disk' step of the 'New Virtual Machine Wizard'. The left sidebar lists the steps: 'Before You Begin', 'Specify Name and Location', 'Specify Generation', 'Assign Memory', 'Configure Networking', 'Connect Virtual Hard Disk' (selected), and 'Summary'. The main area contains instructions: 'A virtual machine requires storage so that you can install an operating system. You can specify the storage now or configure it later by modifying the virtual machine's properties.' There are three radio button options: 'Create a virtual hard disk' (unchecked), 'Use an existing virtual hard disk' (checked), and 'Attach a virtual hard disk later' (unchecked). Under 'Create a virtual hard disk', there are fields for 'Name' (panagenda_idnaapplications.vhdx), 'Location' (C:\Users\Public\Documents\Hyper-V\Virtual Hard Disks\), and 'Size' (127 GB (Maximum: 64 TB)). Under 'Use an existing virtual hard disk', there is a 'Location' field with the same path and a 'Browse...' button. At the bottom are buttons for '< Previous', 'Next >', 'Finish', and 'Cancel'.

- Select the the virtual hard disk file from the **panagenda_idnaapplications\Virtual Hard Disks** directory



- On the "Completing the new Virtual Machine Wizard" click **Finish** to create the virtual machine

