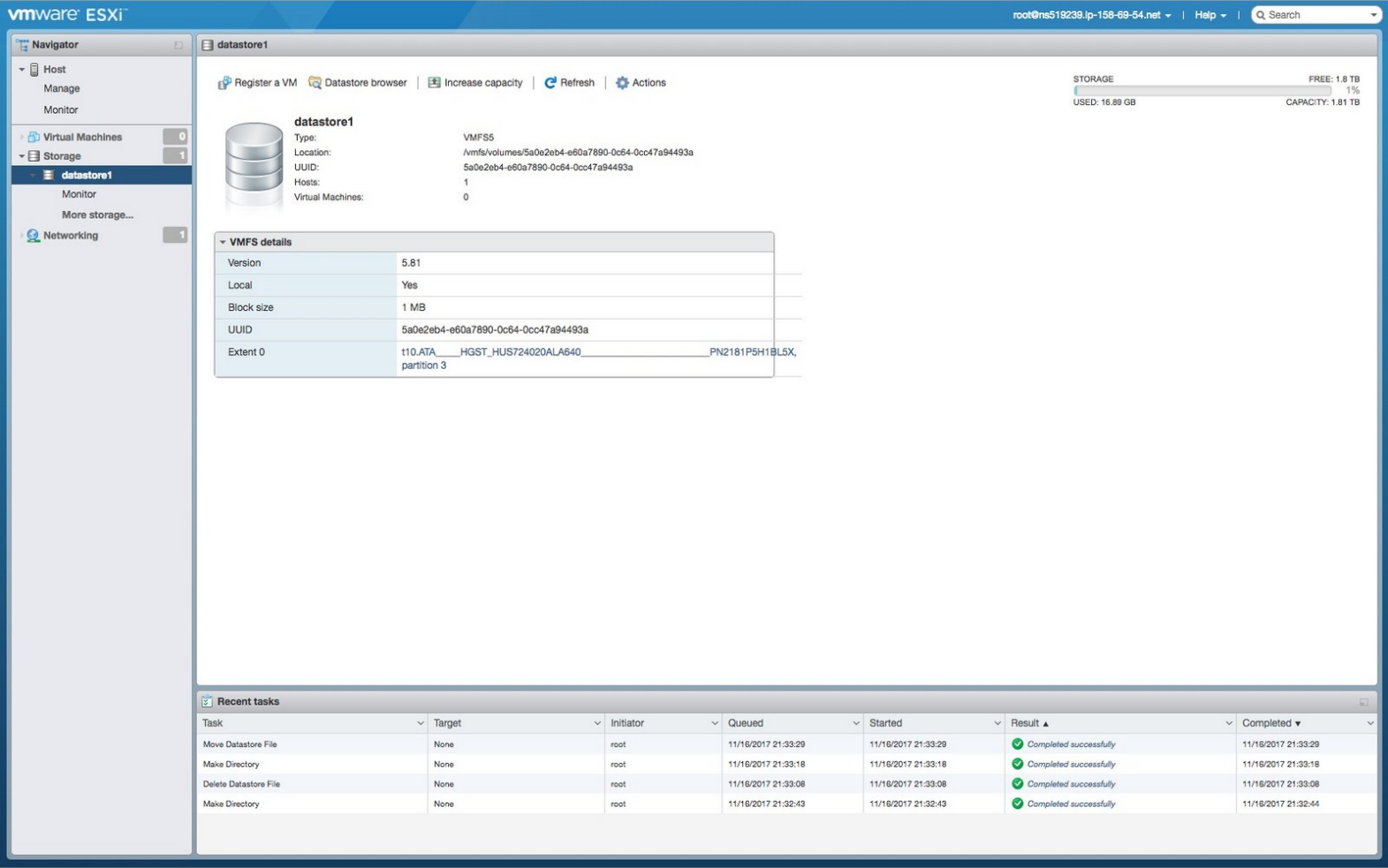




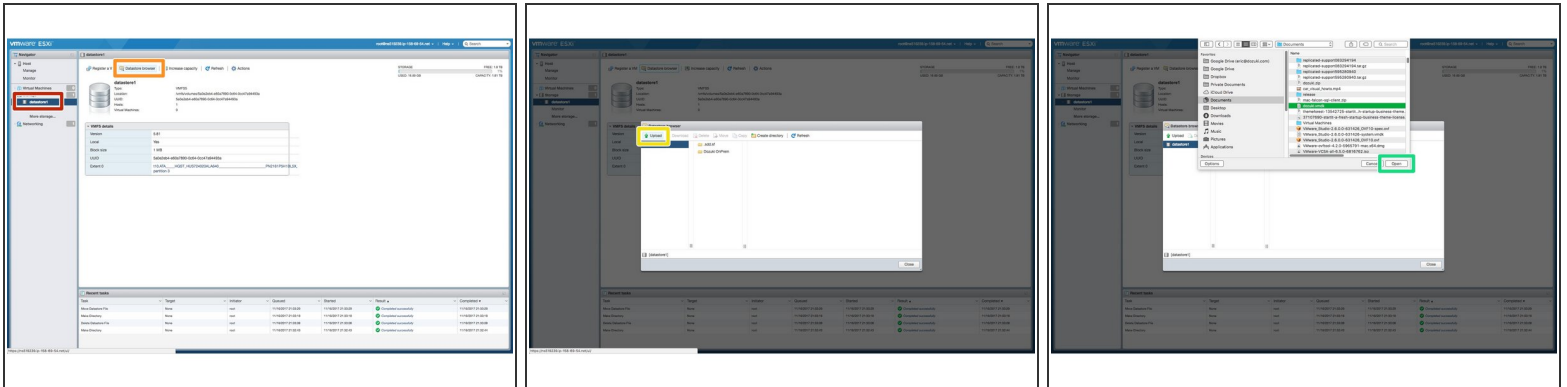
Migrate Dozuki Cloud to Dozuki On-Premise hosted in VMware Hypervisor

How to install Dozuki's On-Premise Product within a VMware environment with existing content pulled from a cloud-hosted version of Dozuki.

Written By: Dozuki System

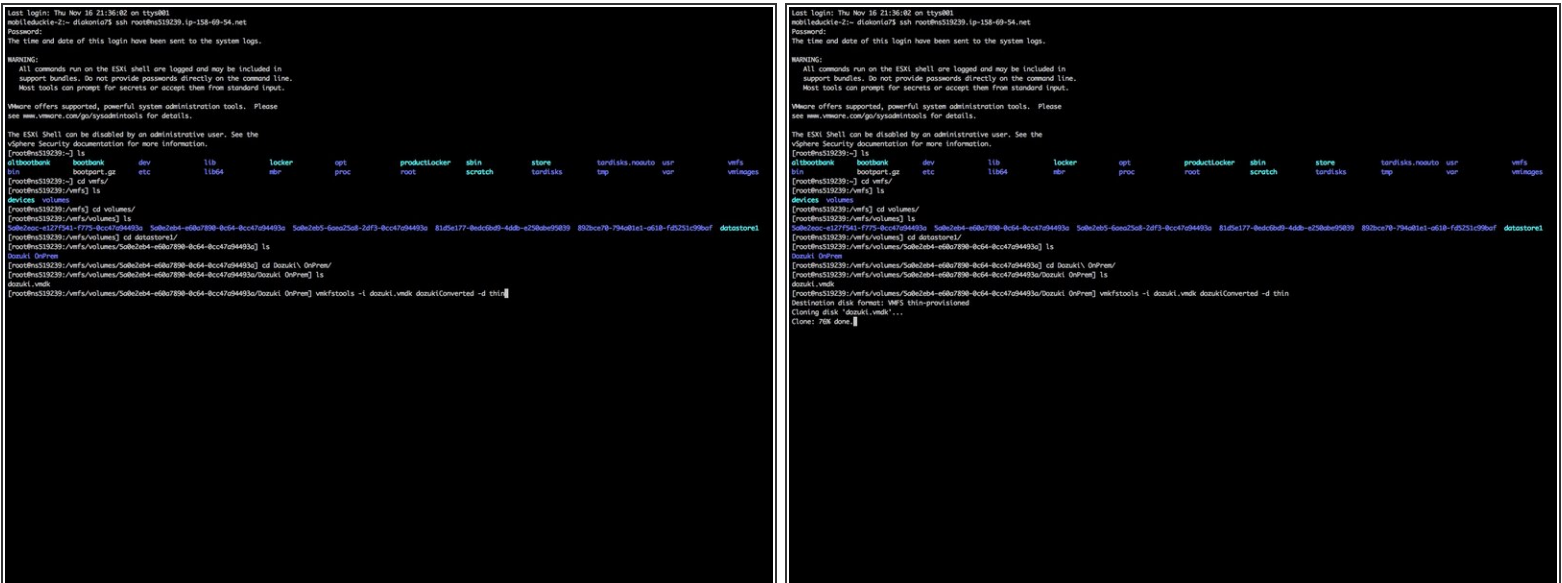


Step 1 — Uploading your VM to the Datastore



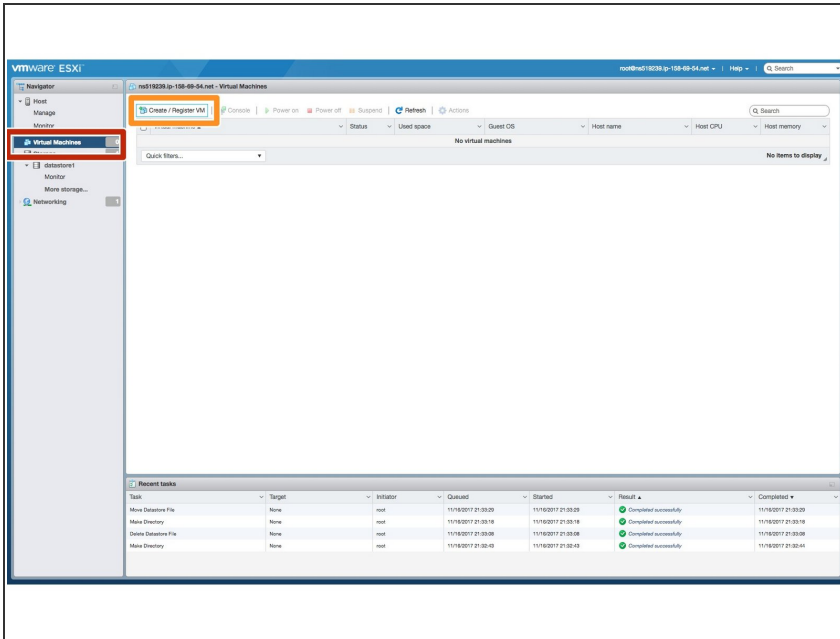
- Choose your preferred **Datastore**
- Once the Datastore has been selected, you can then click the **Datastore browser**
- Once the browser dialogue opens, select **Upload**
- Locate both the **dozuki.vmdk** (the Application volume) and the **data.vmdk** (the content volume) images provided by Dozuki
- Once selected, click the **Open** button to begin the upload process

Step 2 — Converting the Uploaded .vmdk files



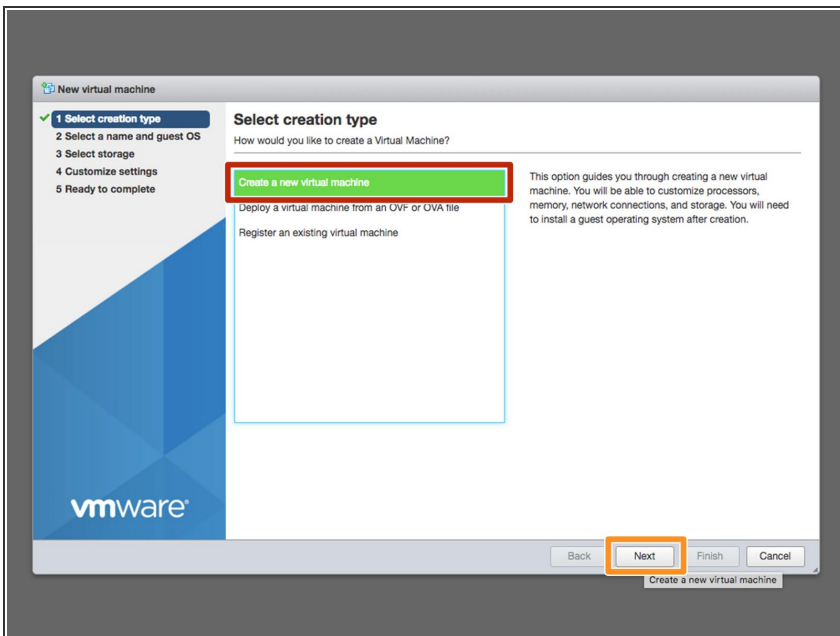
- Once upload is complete, SSH into your VMware host server
- Once logged in, navigate to the datastore where you uploaded the .vmdk files (*ie: /vmfs/volumes/datastore1/...*) in the previous step.
- Use the following command syntax to convert the uploaded .vmdk files:
- `vmkfstools -i [image to be converted] [new image name for converted file] -d thin`
- *Example usage:* `vmkfstools -i dozuki.vmdk dozukiConverted.vmdk -d thin`
- Once the conversion process has finished for both the **App volume** and the **Data volume**, proceed to the next step.

Step 3 — Create a new VM



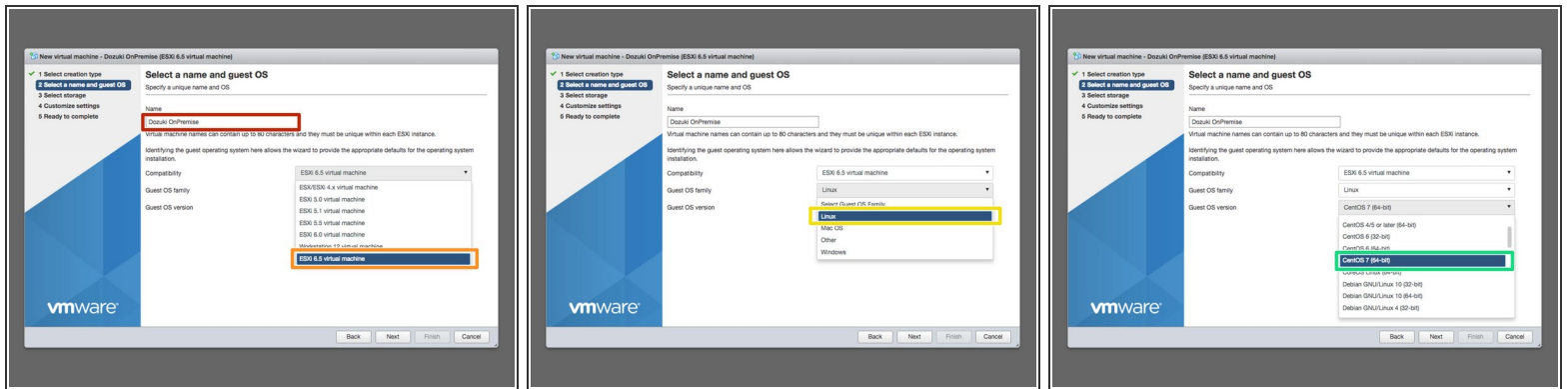
- Select **Virtual Machines**
- Select **Create / Register VM**

Step 4 — Install VM: 1 Select creation type



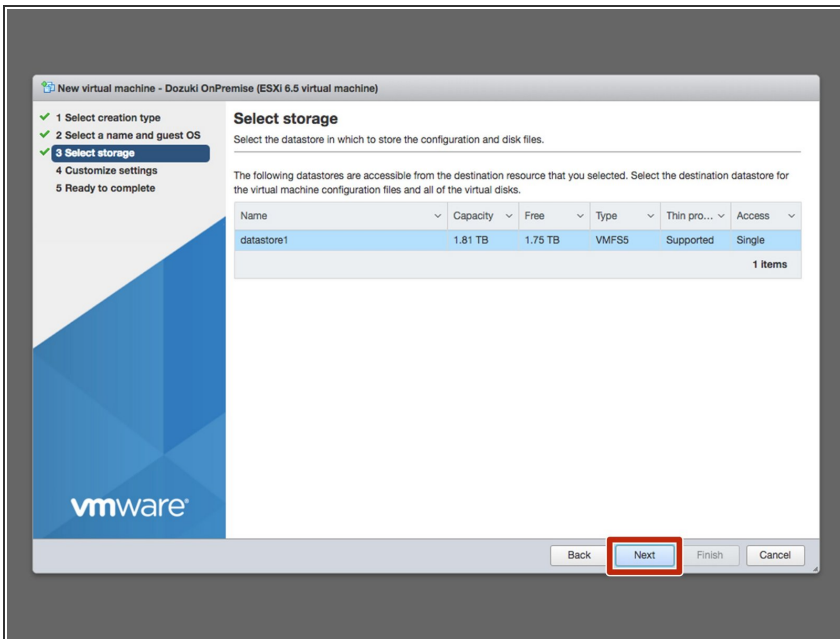
- Once the dialogue opens, select the **Create a new virtual machine**
- Click **Next**

Step 5 — Install VM: 2 Select name and guest OS



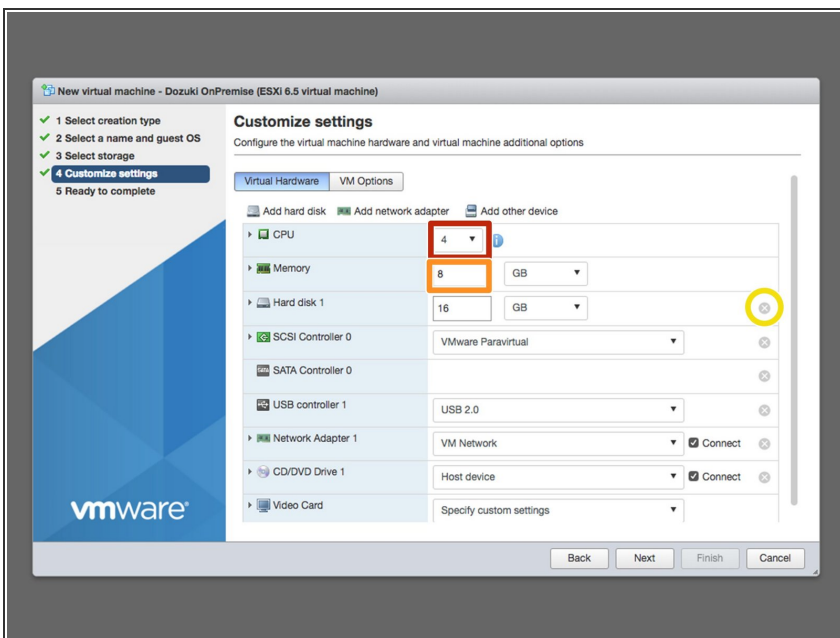
- Name your VM
- For **Compatibility**, select **ESXi 6.5 virtual machine** from the dropdown
 - ☑ **ESXi 5.5 or newer is required** as ESXi 5.0 and later does not support SATA controllers (a requirement for Dozuki OnPrem).
- For **Guest OS family**, select **Linux** from the dropdown
- For **Guest OS Version**, select **CentOS 7 (64bit)** from the dropdown
 - ❗ The Guest OS of the Virtual Machine is "Fedora" which is backwards compatible with CentOS/RHEL.

Step 6 — Install VM: 3 Select storage



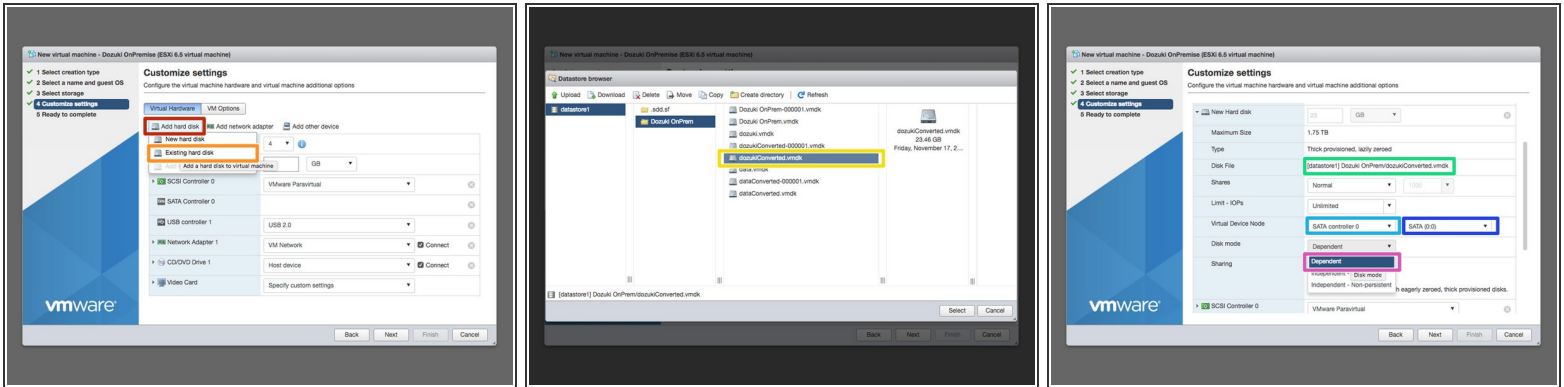
- Select the datastore you wish to use.
- Click **Next**

Step 7 — Install VM: 4 Customize Settings - Ram / CPU



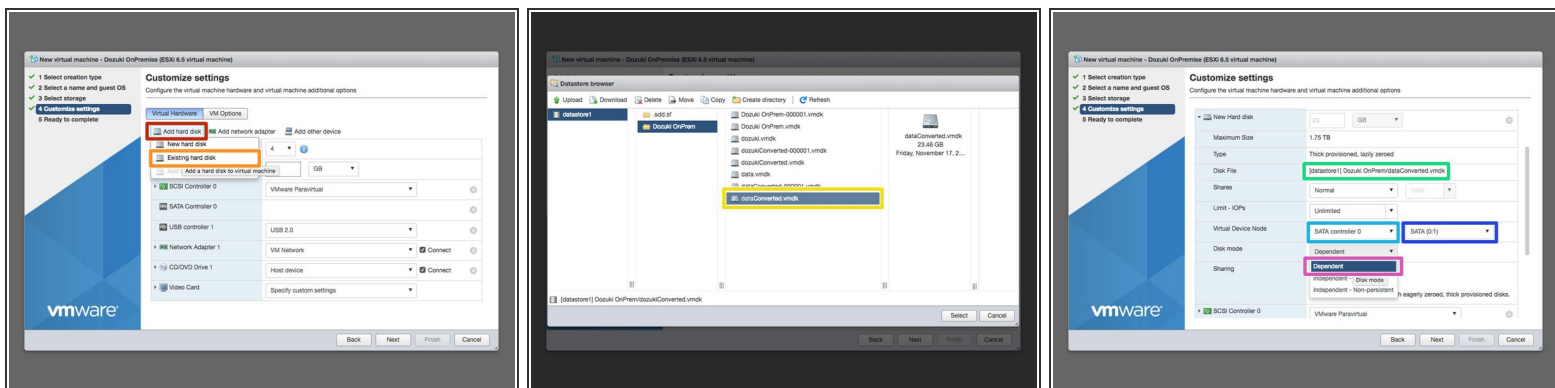
- Select the CPU Dropdown, enter appropriate number of CPUs to be used with the VM.
- ★ Dozuki OnPrem's recommended minimum CPU count is **four**.
- Select the **Memory** dropdown, enter the appropriate number of RAM to be used with the VM.
- ★ Dozuki OnPrem's recommended minimum amount of RAM is **8 GB**.
- Delete the default storage (titled **Hard Disk 1**)

Step 8 — Install VM: 4 Customize Settings - Attach App VMDK



- Click **Add hard disk**
- Select **Existing hard disk**
- Navigate to the **dozukiConverted.vmdk** from earlier in the procedure.
- Click **Next**
- Verify **Data File** points to the correct .vmdk file.
- For your Virtual Device Node, Select your preferred **SATA** Drive ID
- Select **Controller 0 Disk 0 (SATA [ID]:0)**
- Select **Dependent** for your **Disk Mode**

Step 9 — Install VM: 4 Customize Settings - Attach Data VMDK



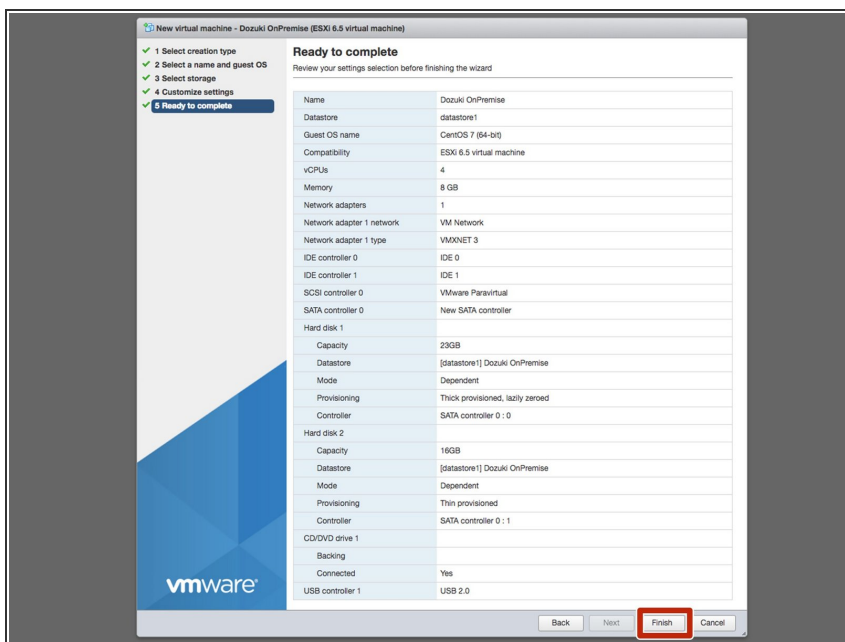
- Click **Add hard disk**
 - Select **Existing hard disk**
- Navigate to the **dataConverted.vmdk** from earlier in the procedure.
- Click **Next**
- Verify **Data File** points to the correct .vmdk file.
- For your Virtual Device Node, Select your preferred **SATA** Drive ID
- Select **Controller 0 Disk 1 (SATA [ID]:1)**
- Select **Dependent** for your **Disk Mode**

Step 10 — Complete Any Further Specific settings



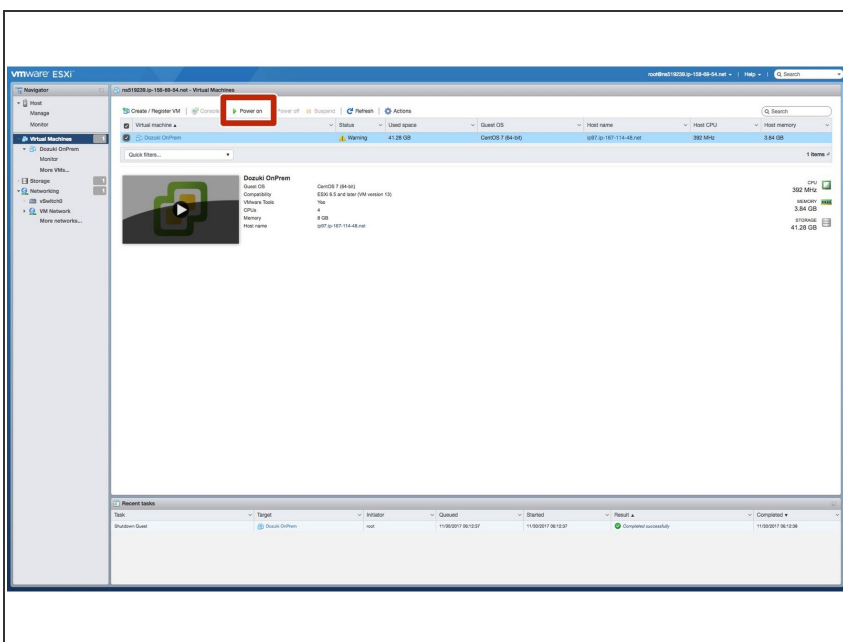
- Configure your required Network settings
- The Dozuki VM will require DHCP to assign an IP address
- If you require a statically assigned IP address, please contact Dozuki Support for documentation on accessing the Admin Console.

Step 11



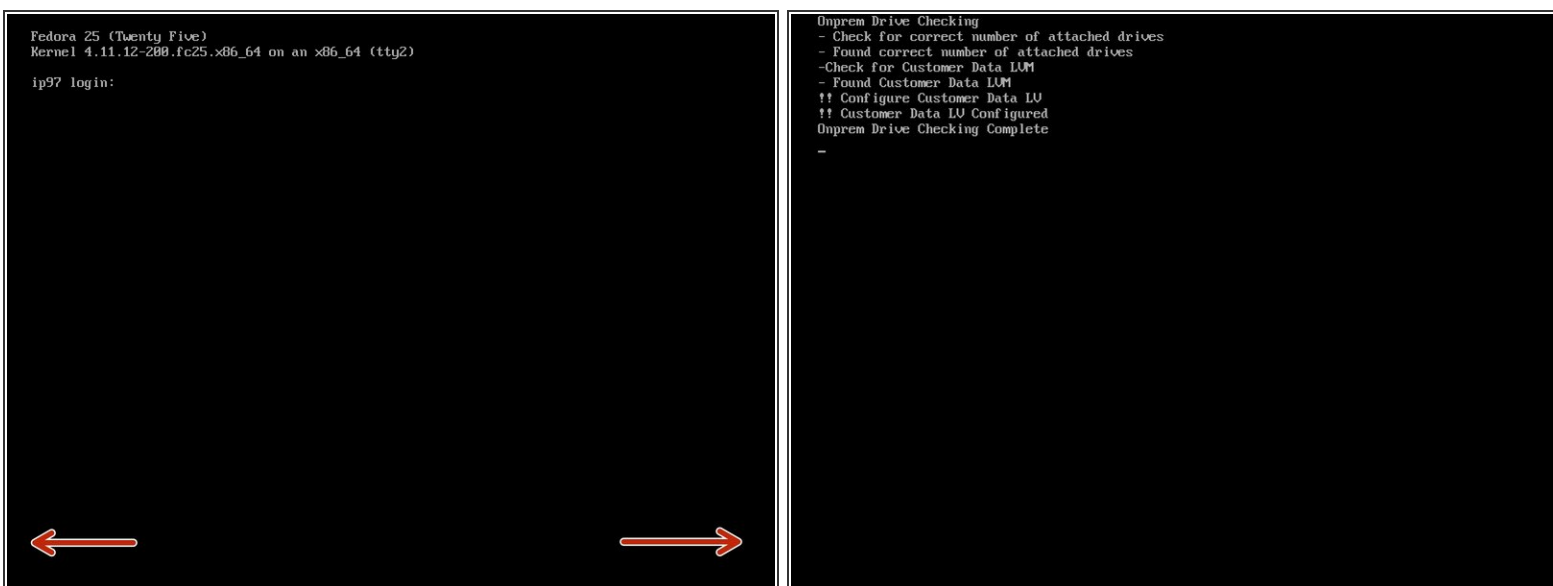
- Review the configuration of your new Virtual Machine
- Click **Finish**

Step 12



- Power On your new virtual machine

Step 13 — Using your VM Console



- Navigate to your VM's console
- You can tab to a set of informational TTY screens to check on the application by holding the **ALT** key + **Left arrow** or **Right arrow**

Step 14

