



Setup Guide for:

104-VMS16-NX  
104-VMS16-SP

Ness VMS16 Server with NX Server - No HDD  
Ness VMS16 Server with SPECTRUM Server - No HDD

## **NX Client / SPECTRUM Client**

A pc/laptop connected to the same network as the VMS server needs to have the NX Client or SPECTRUM Client software installed for you to complete the setup of NX Witness or DW SPECTRUM on the VMS16 server and to view and playback footage.

## **NX Server / SPECTRUM Server**

The latest NX Server or DW SPECTRUM Server software is pre-installed on this machine.

## **NETWORK**

This server is currently set for DHCP.

## **MONITOR**

A permanent monitor is not usually needed but you will need one for setup and configuration.

## **HARD DRIVE/S**

This server is supplied without hard drives allowing you to install up to two hard drives to suit requirements. Once installed, hard drives must be mounted and enabled in NX or SPECTRUM server software.

## **ADMIN**

Default credentials.

Username: nessvms  
Password: Ness1234 (capital 'N')

## **VMS LICENSES**

NX and SPECTRUM recording licences are sold separately.

Licences are easy to order by contacting Ness Sales [sales@ness.com.au](mailto:sales@ness.com.au) or order online <https://ness.com.au>

Activating licence keys is an easy process within NX or SPECTRUM client software.

Note: Use NX licences on NX server and Spectrum licences on Spectrum server. The licences are not inter-compatible.

## **SUPPORT**

If required phone Ness Tech Support on 1300 551 991 during business hours or email [techsupport@ness.com.au](mailto:techsupport@ness.com.au)



NX Client  
User Guide



NX Client  
Download



SPECTRUM  
User Guide



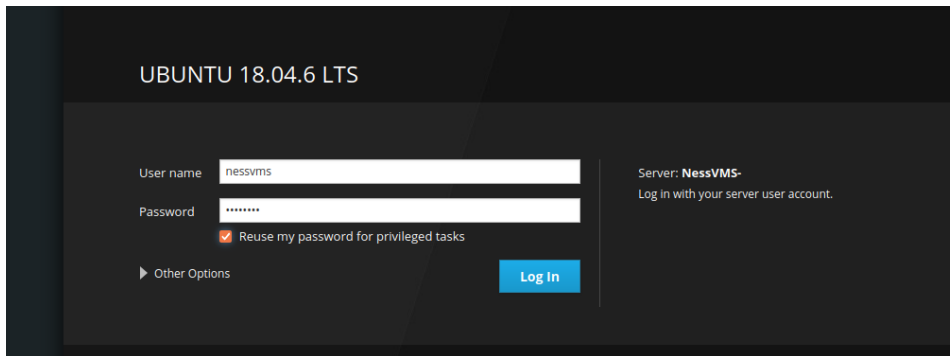
SPECTRUM Client  
Download

## INSTALLING A NEW DRIVE

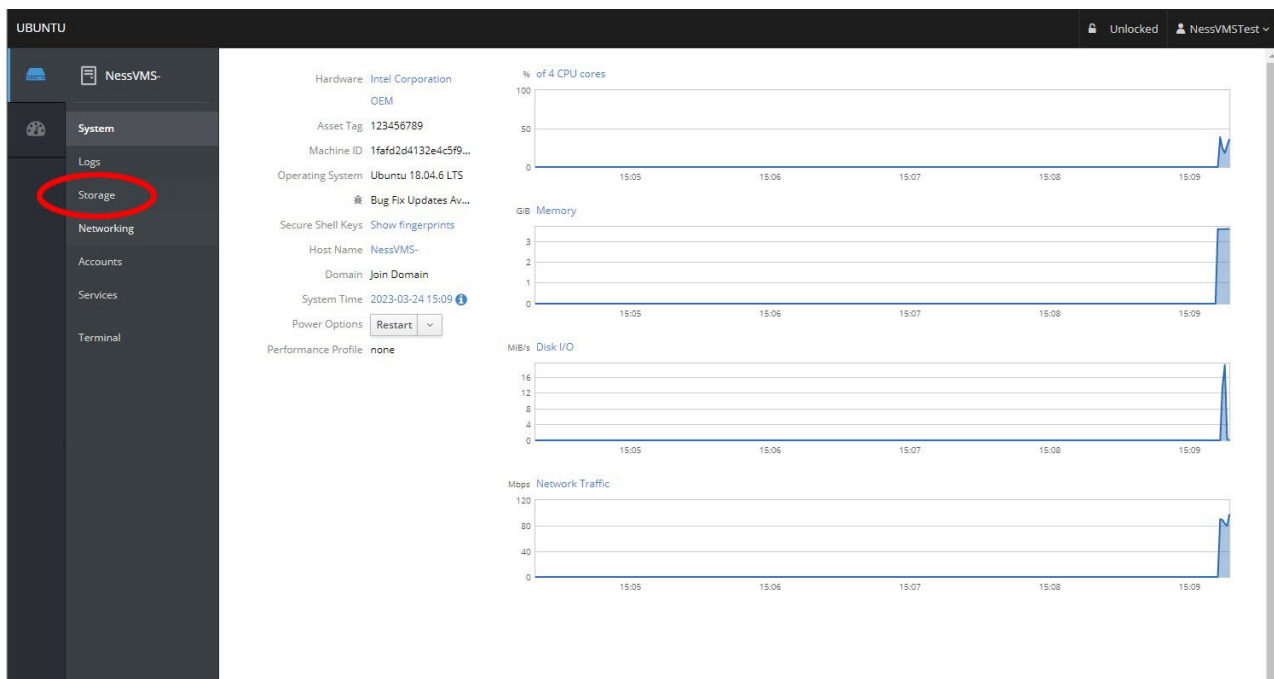
VMS16 Servers are supplied without hard drives allowing you to install storage of your choice. The two SATA ports support up to 8TB HDD each. Open the housing and install hard drive/s with care as you would in a PC.

## MOUNTING A NEW DRIVE

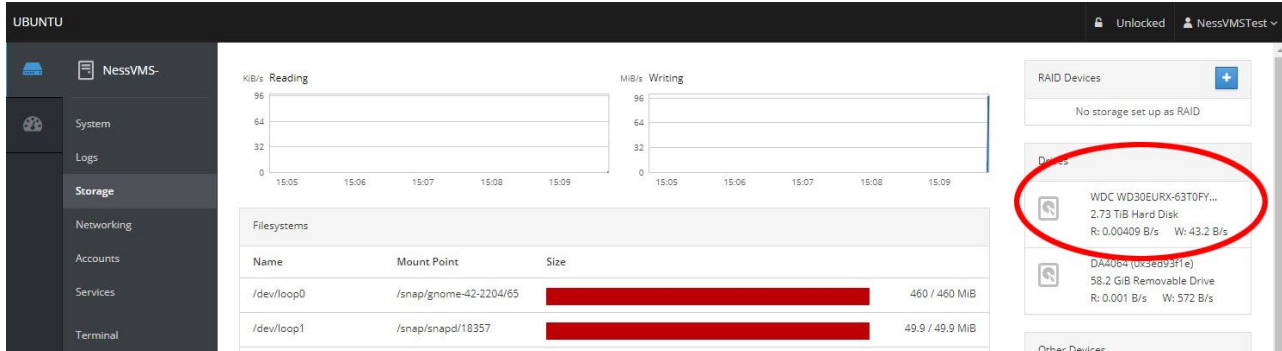
Step 1: Log into the server via Cockpit.  
Refer to the default username and password on the previous page.  
Make sure to select 'Reuse my password for privileged tasks'



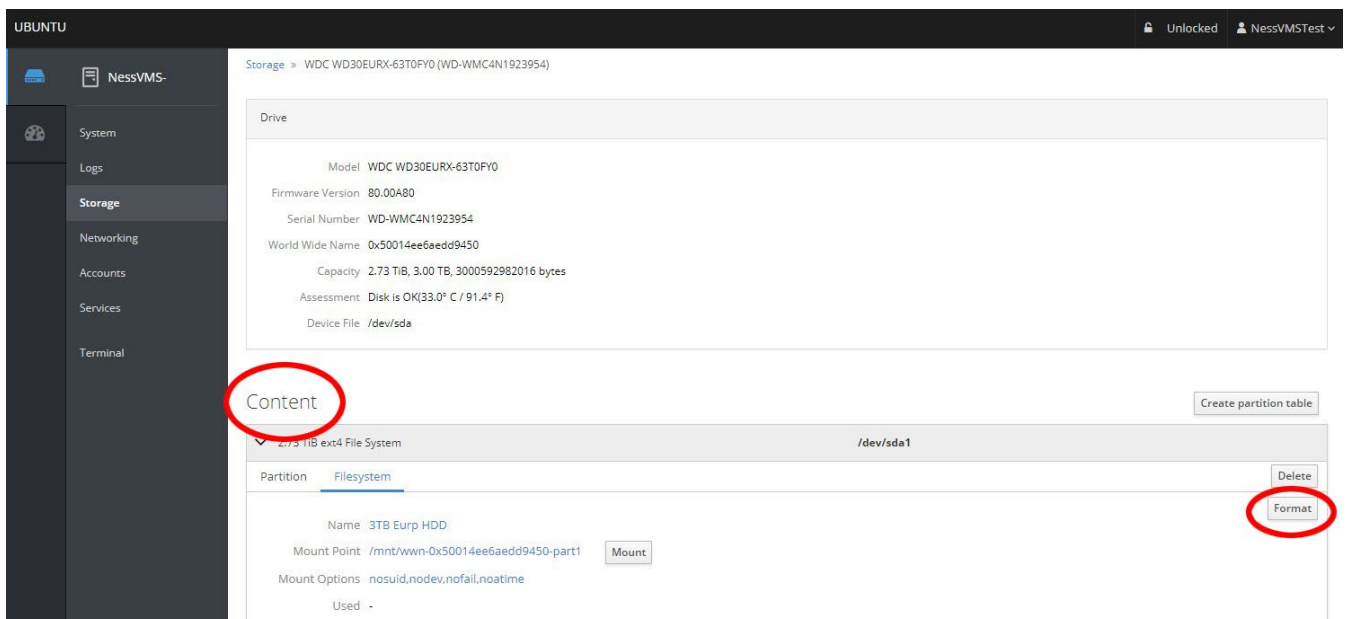
Step 2: Click into the Storage menu



Step 3: Select the drive you wish to mount. So long as the OS can see it, you can see it here.

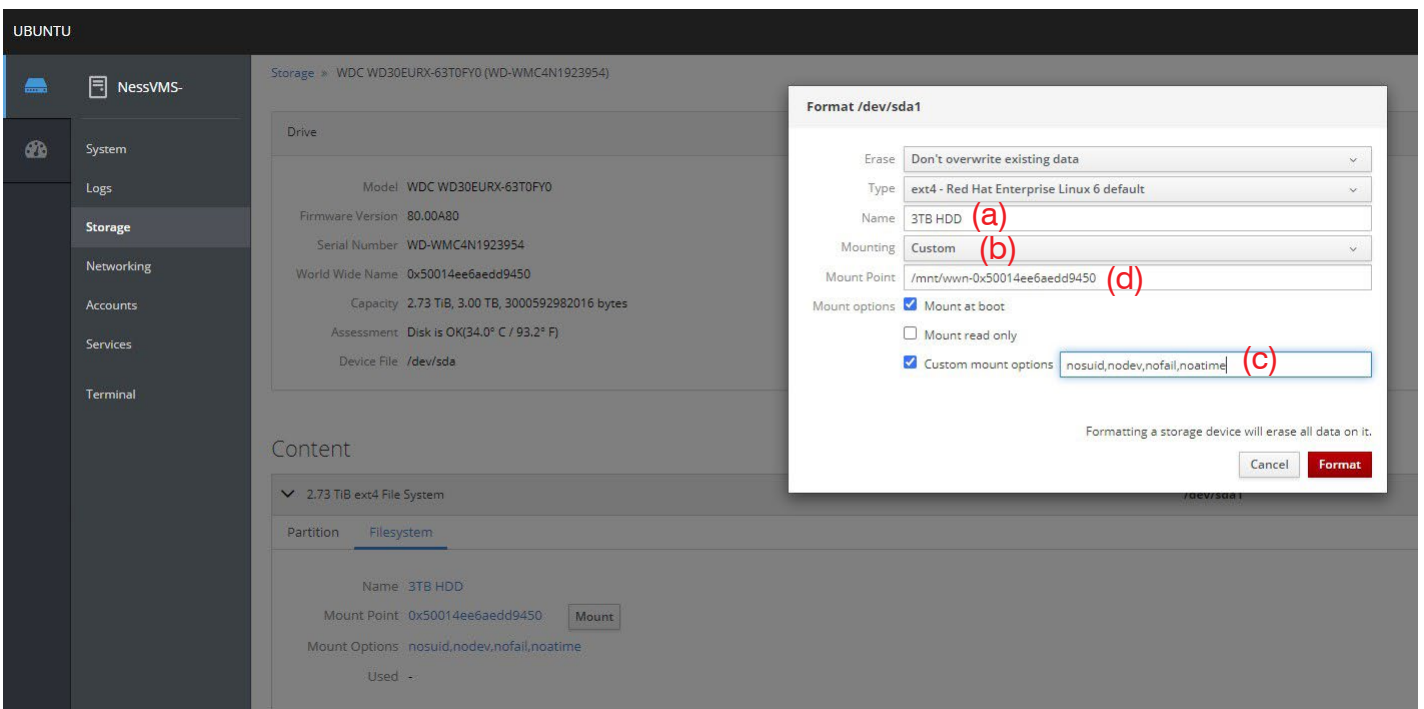


Step 4: Under 'Content' expand the 'File System' > Click Format

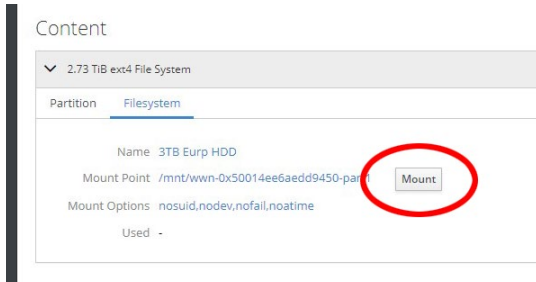


**Step 5:**

- (a) Give the drive a name.
  - (b) Select 'Custom' under Mounting.
  - (c) Tick 'Custom mount options' and enter 'nosuid,nodev,nofail,noatime'.
  - (d) In the 'Mount Point' field, enter **/mnt/wwn-** followed by the **World Wide Name**.  
(Hint, to avoid typos, at the previous step copy the World Wide Name then paste it here after typing **/mnt/wwn-** )
- Leave all other settings as default.
- (e) Click 'Format'.



**Step 6: Mount the drive.**  
Click 'Mount'



Document Part No. 890-030 Rev4



Innovative Electronic Solutions  
www.ness.com.au



NSW Ph 02 8825 9222 sales@ness.com.au | VIC Ph 03 9875 6400 nessmelb@ness.com.au | QLD Ph 07 3399 4910 nessbris@ness.com.au | WA Ph 08 9328 2511 nessper@ness.com.au | SA Ph 08 8152 0000 adelaid@ness.com.au