



VMS3 SETUP GUIDE

Setup Guide for:

104-VMS3 Ness VMS3 Server with NX Server - No HDD

104-VMS3-SP Ness VMS3 Server with SPECTRUM Server - No HDD

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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 VMS3 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. Your router will assign a IP address which will be automatically discovered once you run NX or SPECTRUM Client software on a separate PC.

MONITOR

A permanent monitor is usually only required if you choose to setup and configure the server locally rather than via NX or Spectrum client over the network.

HARD DRIVE/S

This server is supplied without hard drives allowing you to install up to eight 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, email: 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



NX Client
User Guide



NX Client
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SPECTRUM
User Guide



SPECTRUM Client
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**Note: NX or SPECTRUM Client must NOT be installed on the server.
Always run the Client app on a separate PC/laptop.**

INSTALLING A NEW DRIVE

VMS3 Servers are supplied without hard drives allowing you to install storage of your choice.

The eight 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 (ENABLING) A NEW DRIVE

You can run the Linux configuration utility either locally by connecting a monitor, keyboard and mouse to the server or via the network using NX or Spectrum Client on a separate PC/Laptop.

SETUP VIA NETWORK (typical method): Install NX Client or Spectrum Client on a separate PC/Laptop running on the same network. Client will automatically discover the server as 'New System'.

Refer to the NX or Spectrum setup guides for full details on completing setup via Client.

Note: CLIENT must not be installed on the server.

LOCAL SETUP: Follow the steps below.

MOUNTING A NEW DRIVE

Step 1: Type **localhost:9090** in your browser.

Refer to the default username and password on page 1.

Once logged in, click "Limited access" and confirm the password to enable administrative access.

Go ahead and Authenticate.

Go to Step 2 to mount drives.

Step 2: Click into the Storage menu

The screenshot shows the Ubuntu system monitoring interface. On the left, the 'Storage' menu item is highlighted with a blue circle. The main panel displays system information including Hardware (Intel Corporation OEM), Asset Tag (123456789), Machine ID (1fafd2d4132e4c5f9...), Operating System (Ubuntu 18.04.6 LTS), and System Time (2023-03-24 15:09). Performance graphs for CPU, Memory, Disk I/O, and Network Traffic are also visible.

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

The screenshot shows the Ubuntu system monitoring interface with the 'Storage' menu selected. The 'Drives' section on the right lists available drives. The 'WDC WD30PURX-78P6ZY0' drive is circled in blue, indicating it is the selected drive for mounting.

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

The screenshot shows the NessVMS interface. The 'Content' section is expanded, and the 'File System' tab is selected. The 'Format' button is circled in blue. The 'World wide name' field is highlighted with a blue circle and an arrow pointing to it, with a note: "Highlight and copy the World Wide Name before moving to the next step."

Step 5.

(a) Give the drive a name.

(b) Tick **Custom mount options** and enter `nosuid,nodev,nofail,noatime`

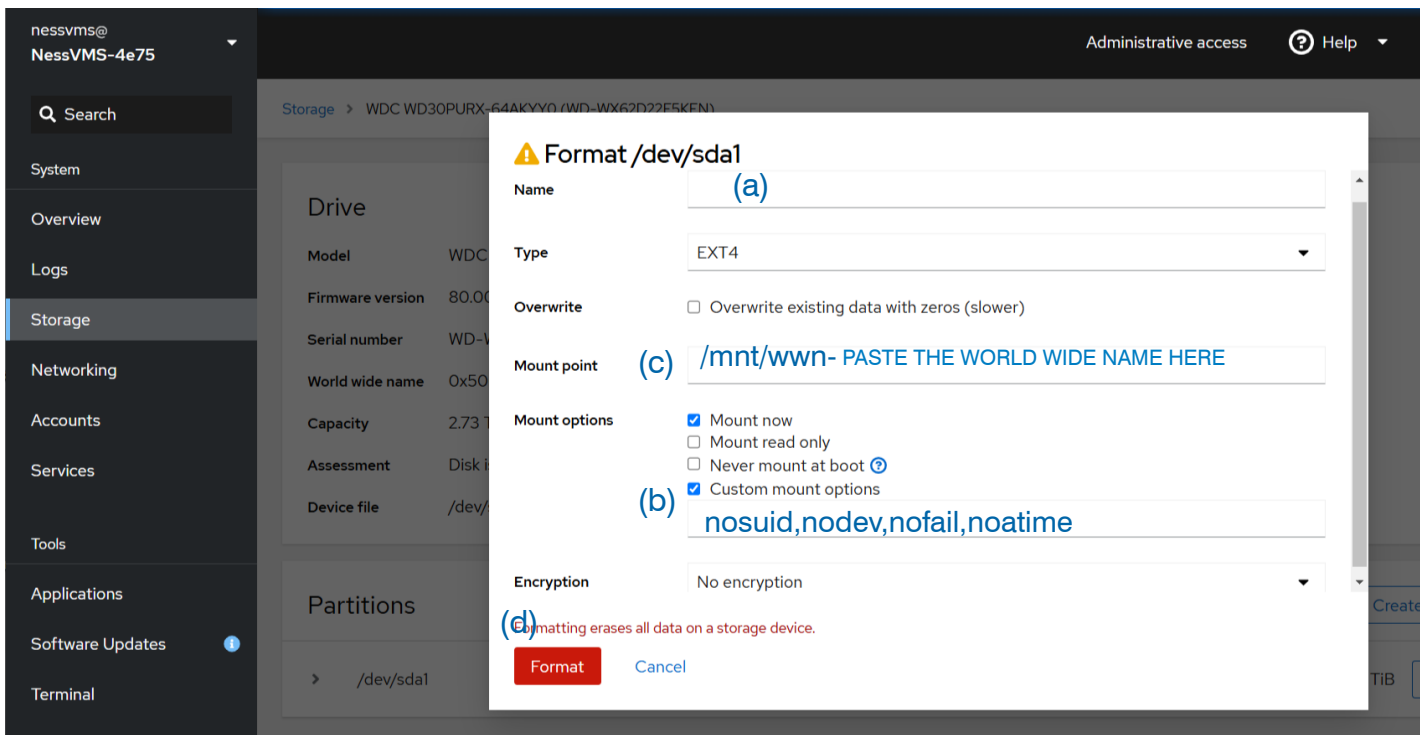
(c) In the **Mount Point** field, enter `/mnt/wwn-` and paste in the **World Wide Name**.

Hint, to avoid typos, paste in the World Wide Name copied at the previous step.

Make sure there are no spaces in the World Wide Name including at the end of the line.

Leave all other settings as default.

(d) Click 'Format'.



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