



Setup Guide for:

104-VMS5-2TB-NX	Ness VMS5 Server with NX Server inc 2TB SSD
104-VMS5-2TB-SP	Ness VMS5 Server with Spectrum Server inc 2TB SSD
104-VMS5-1TB-NX	Ness VMS5 Server with NX Server inc 1TB SSD
104-VMS5-1TB-SP	Ness VMS5 Server with Spectrum Server inc 1TB SSD

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NX SERVER / SPECTRUM SERVER

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

NX CLIENT / SPECTRUM CLIENT

To complete the setup of NX Witness or DW Spectrum on the VMS5 server and to view and playback footage, you'll need to run NX Client or Spectrum Client software on a PC or laptop that is connected to the same network as the VMS server.

CLIENT software must not be installed on this server.

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.

STORAGE DRIVE

This server is usually supplied with an SSD drive installed and mounted. **The instructions for mounting drives are provided only for reference.**

ADMIN

Default credentials.

Username: nessvms

Password: Ness1234 (capital 'N')

POWER UP STATE

The VMS5 should be factory set for auto boot up on power restoral.

If not set the AUTO ON jumper to the ON position (located on the motherboard near the button cell battery).

VMS LICENSES

NX and Spectrum recording licences are sold separately.

Licences are easy to order by contacting Ness Sales 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
Download



Spectrum
User Guide



Spectrum Client
Download

**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

VMS5 Servers are supplied with a storage drive pre-installed.
The following information is provided only for reference.

MOUNTING (ENABLING) A NEW DRIVE

You can run the Linux COCKPIT 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.

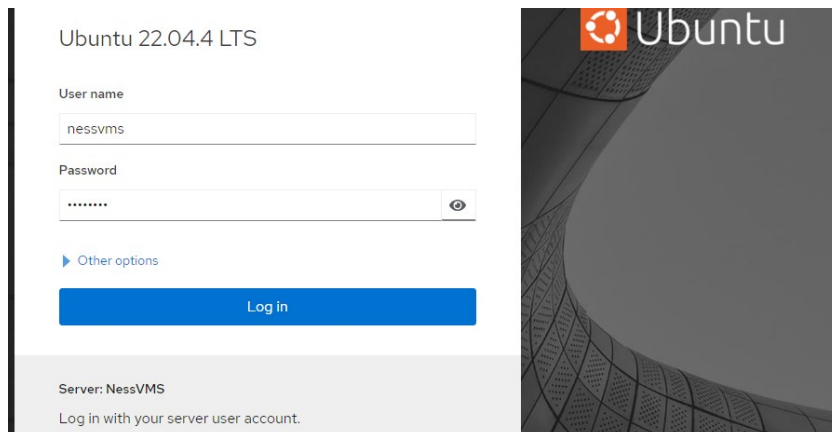
Note: CLIENT must not be installed on the server.

LOCAL SETUP: Follow the steps below.

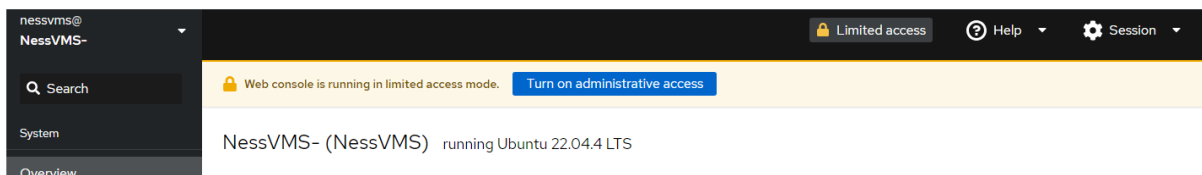
MOUNTING A NEW DRIVE

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

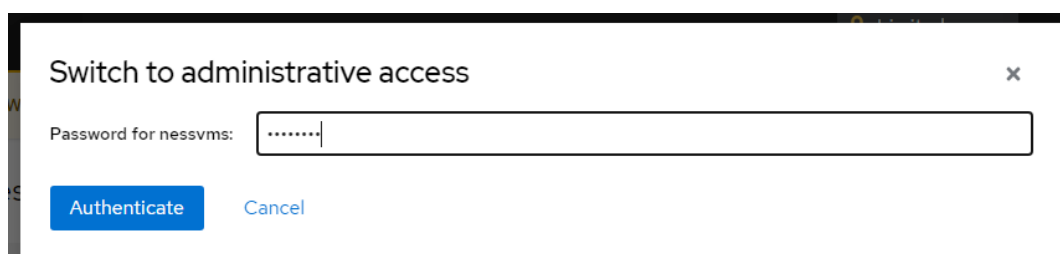
Refer to the default username and password on the previous page.



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 NessVMS- System menu. The 'Storage' option is highlighted with a red circle. The main panel displays system information and performance graphs for CPU, Memory, Disk I/O, and Network Traffic.

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

The screenshot shows the NessVMS- Storage menu. The 'Drives' section is highlighted with a red circle, showing a list of drives including 'WDC WD30EURX-63T0FY...' and 'D4405H-10K2693916'.

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

The screenshot shows the NessVMS- Storage menu. The 'Drive' section is expanded, showing details for 'GS-2TB'. The 'Serial number' is highlighted with a red circle and a blue annotation: "Highlight and copy the Serial Number before moving to the next step." The 'Content' section is also visible, showing 'Unrecognized data' and a 'Format' button.

Step 5.

(a) Give the drive a name.

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

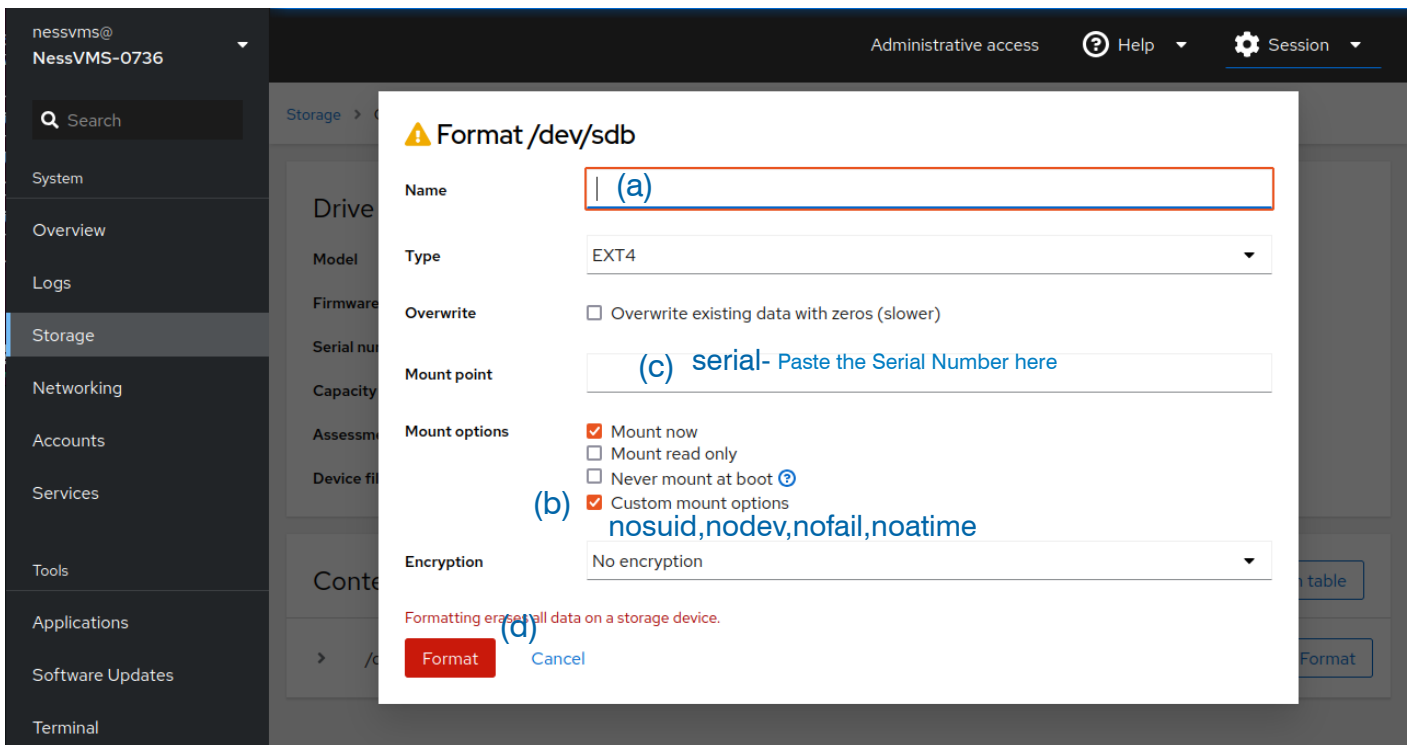
(c) In the **Mount Point** field, enter the word **serial-** all lower case, followed by a hyphen (dash) then paste in the **Serial Number**. (There should be no spaces).

Hint, to avoid typos, paste in the Serial Number copied at the previous step.

Make sure there are no spaces anywhere in this field.

Leave all other settings as default.

(d) Click 'Format'.



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