# INFINITY SERVER

INFINITY MEGARAID SOFTWARE SETUP

MegaRAID Setup

RAID 5

To begin setting up a RAID in MegaRAID Storage Manager, you will first need to open the software:

Double click the icon on the desktop, when opening for the first time you will be greeted with the following screen:
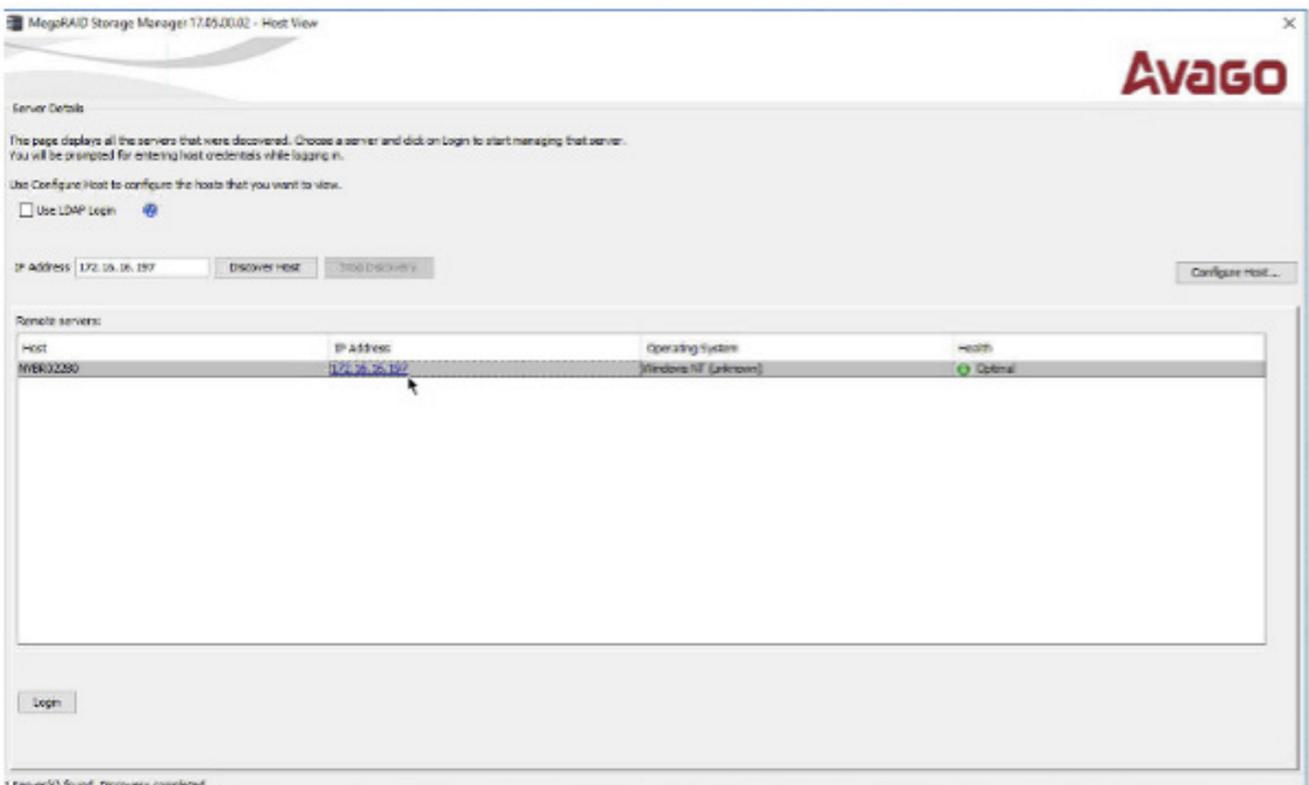
It may take some time to load and find your local NVR, you can also change the IP Address to 127.0.0.1, which will speed up this process.

Once it has loaded, double click the IP Address highlighted blue, and enter the Windows Username and Password. MegaRAID will fully load after correct input.

When loaded, you will see its main menu:

There are a lot of options, but we will only be using one, so don't worry about all of the others.

Firstly, confirm your drives are in the correct configuration before proceeding. You can do this by heading over to the Physical tab in the top left outlined by the red rectangle.

When in the Physical tab, your drives should look like this:
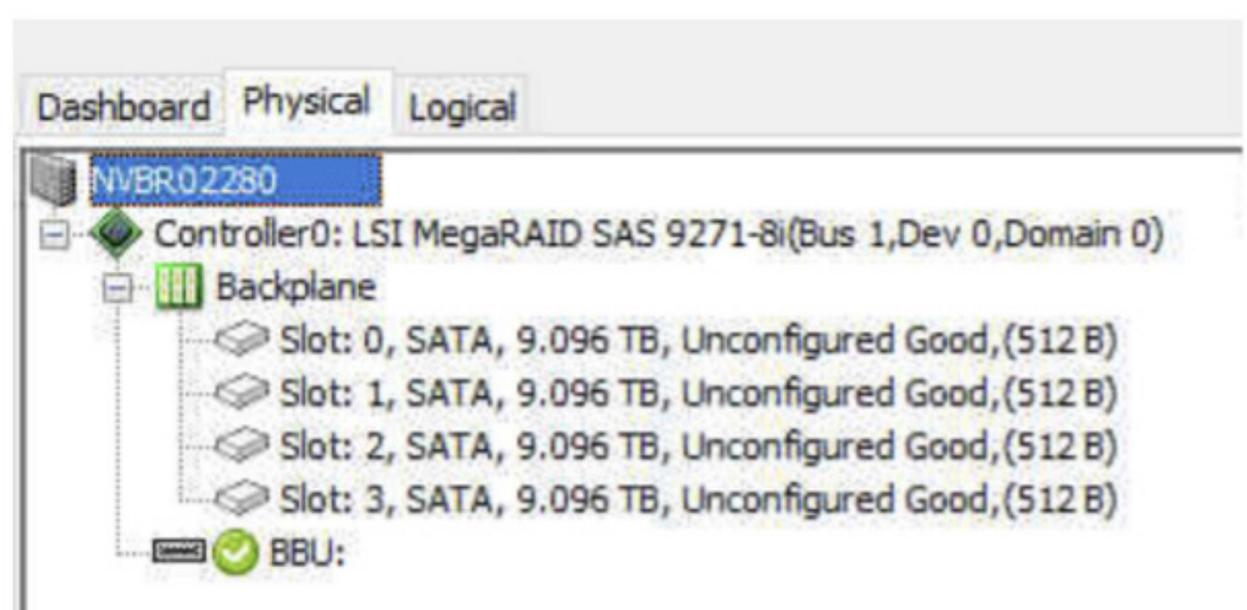
Once confirmed, head back to Dashboard and select "Create Virtual Drive", depicted by the red rectangle in the below picture.

You will now be greeted with the menu. Select the "Advanced" radio button and click next.
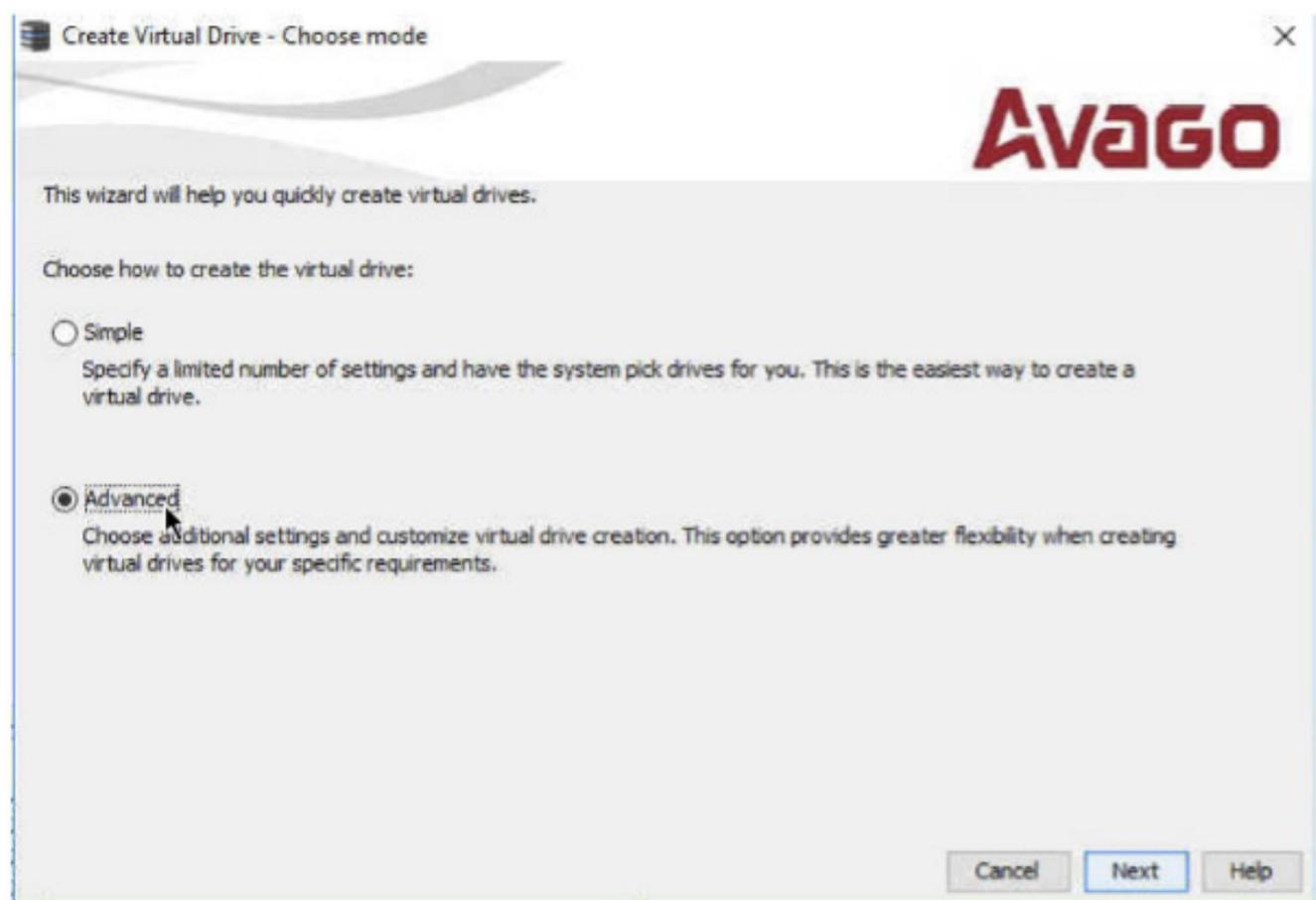
You should now see the following interface, select RAID Level 5 firstly:
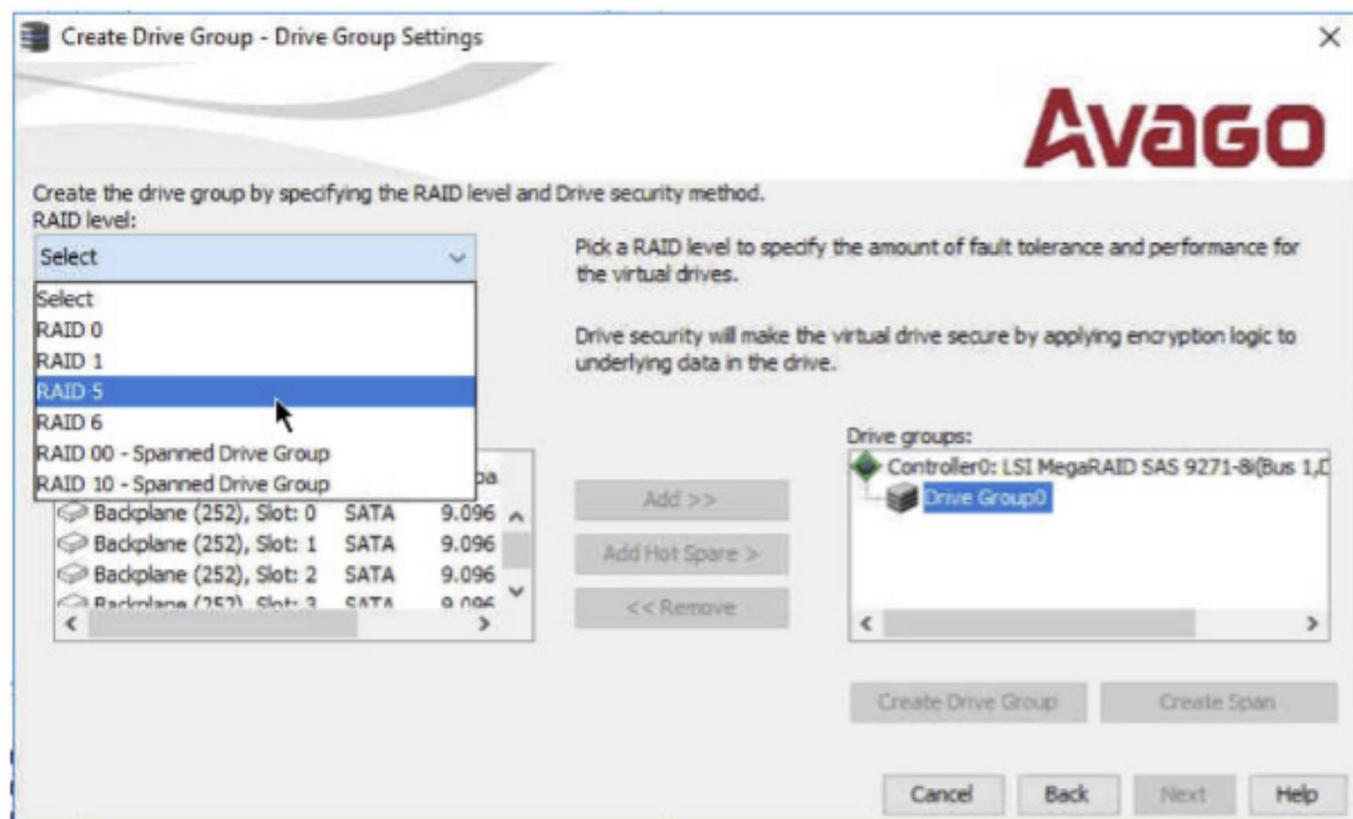
Once you have selected RAID 5, *highlight and select all drives* in the left-hand box and click Add to add them to the controller on the right
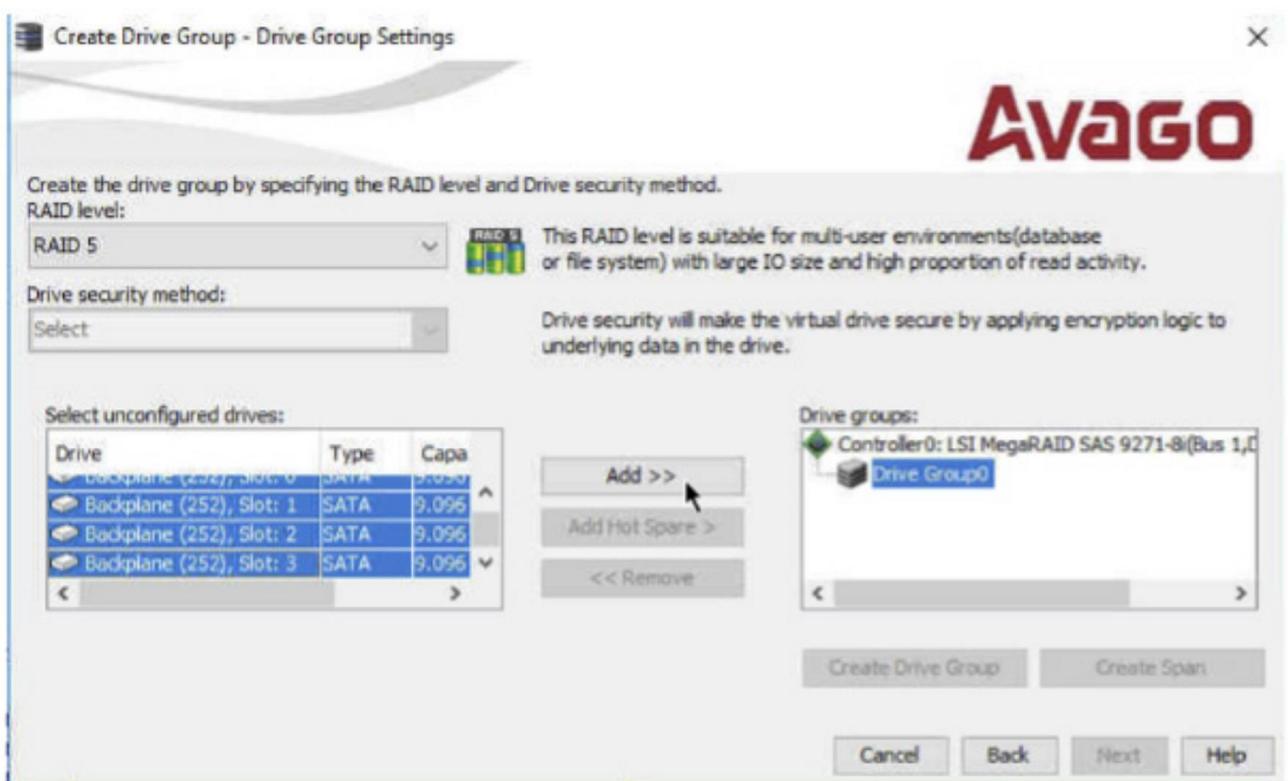
When they have been added, click "Create Drive Group"
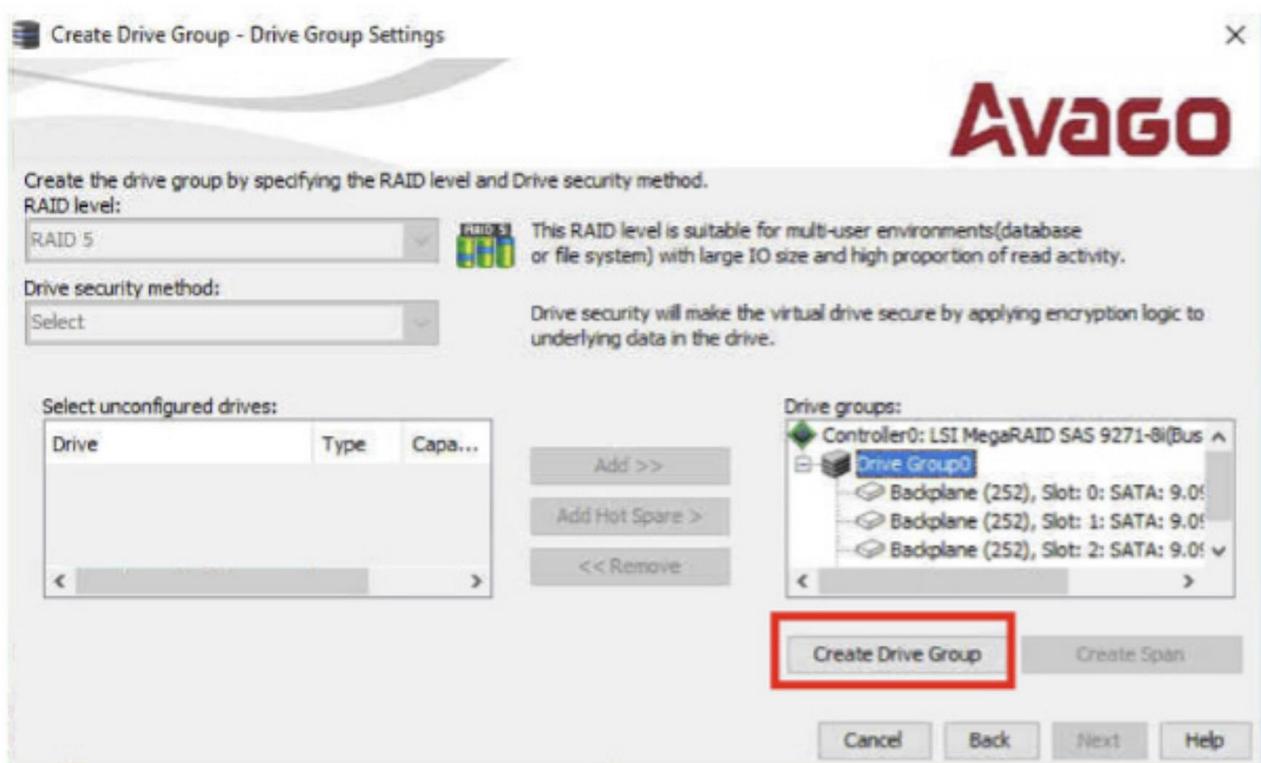
After making the drive group, click next.
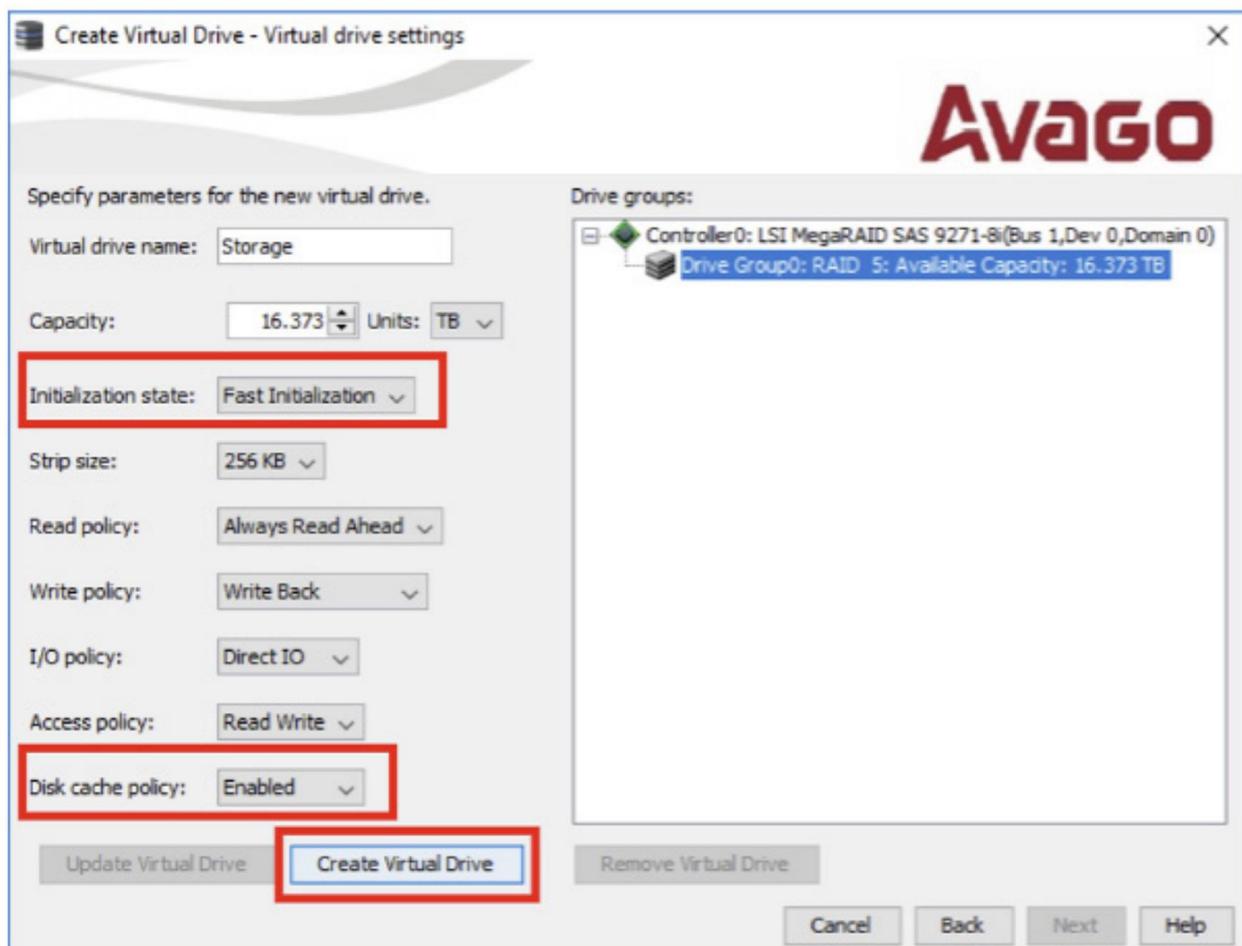
Here are the options to select here:

- Capacity: Leave default
- Initialisation state: Fast initialization
- Read Policy: Leave default
- Write Policy: Leave default

- I/O Policy: Leave Default
- Access Policy: Leave Default
- Disk cache policy: Select Enabled

Once the options are selected, click "Create Virtual Drive" > Next >

Finish Congratulations, you have created a RAID 5 Array!

Disclaimer
These are specific instructions only for a RAID 5 array. Any other RAID type will have a specific setup.