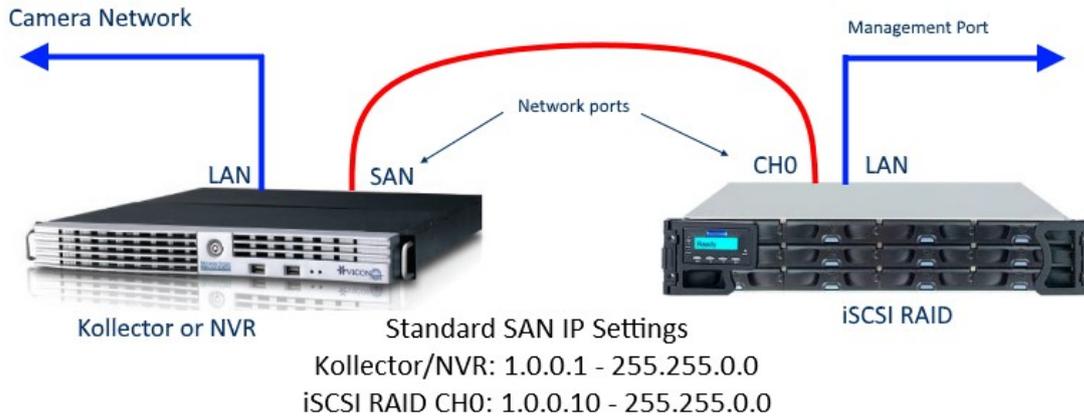
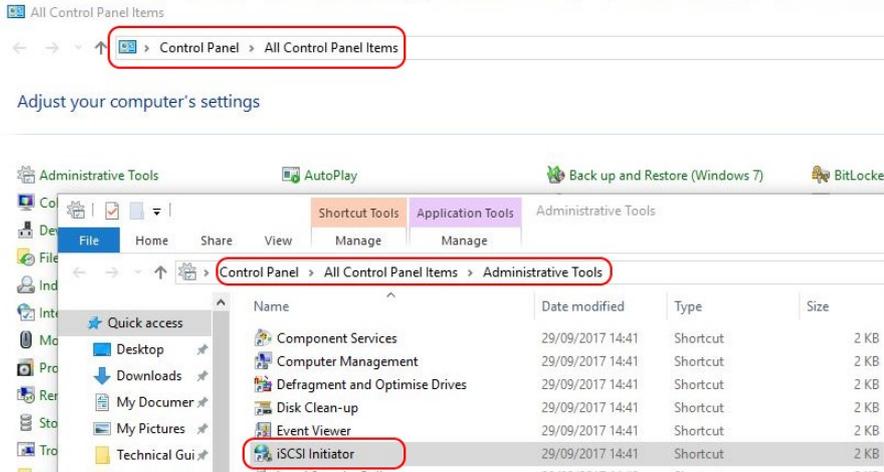


Connecting to an iSCSI RAID

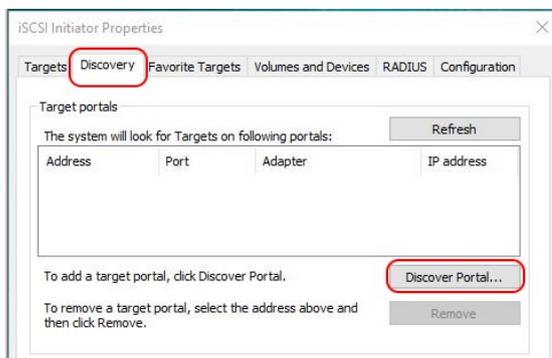
This guide covers configuration of the iSCSI initiator within the Windows PC (Kollector/NVR) and an iSCSI RAID. It shows initially how to connect the two units together but may be equally helpful when reconnecting or fault finding. For best performance the iSCSI RAID should be connected via a dedicated network shown in Red below.



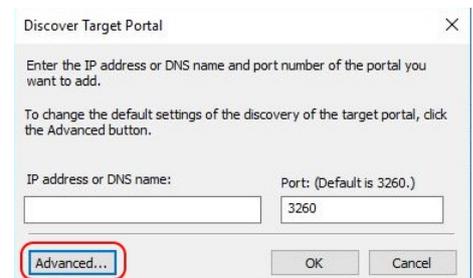
NOTE: IP Addresses shown are for guidance only. Please check the Network settings on each device before proceeding as they may be different.



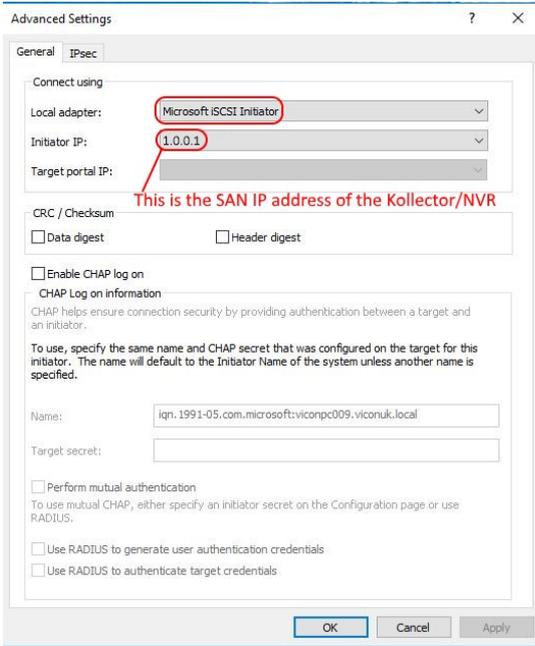
Go to Control Panel and start the iSCSI Initiator



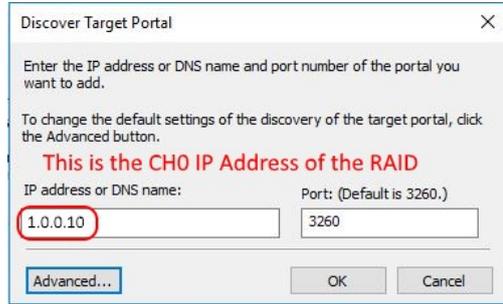
Click on Discovery, Discover Portal.



And then Advanced.

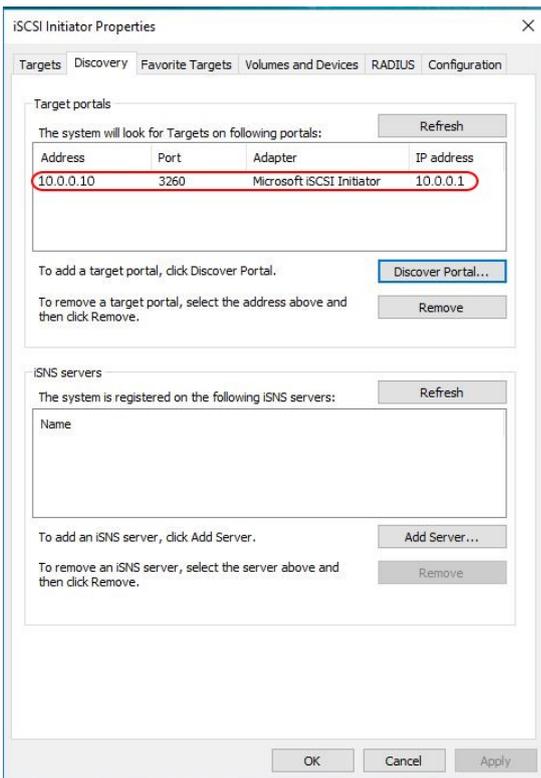


Next enter the IP Address of the Target port.
This is the CH0 port of the iSCSI RAID

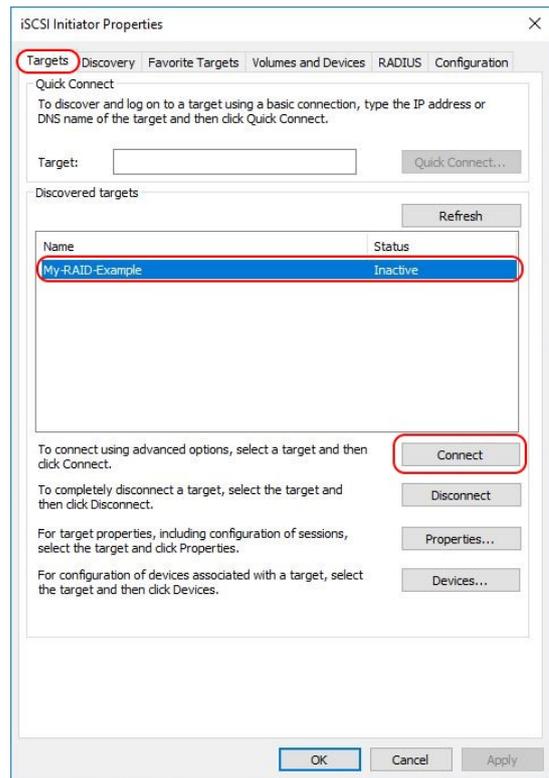


Click on OK

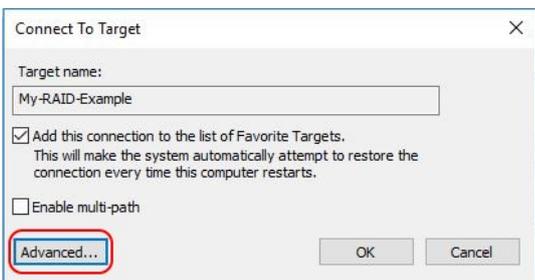
Change the Local Adapter to Microsoft iSCSI Initiator.
Enter the Initiator IP Address. This is the IP address of the
Kollektor/NVR iSCSI SAN port.
Click OK



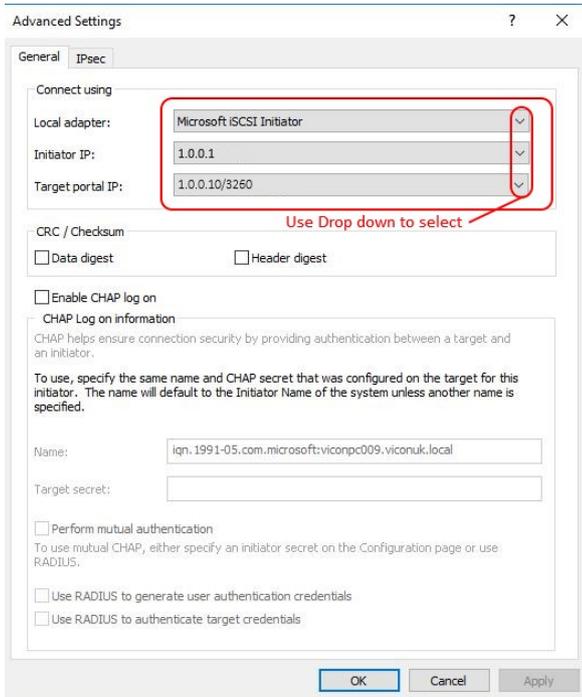
Your settings should now appear like this.



Click on Targets and highlight the discovered RAID
Click on Connect.

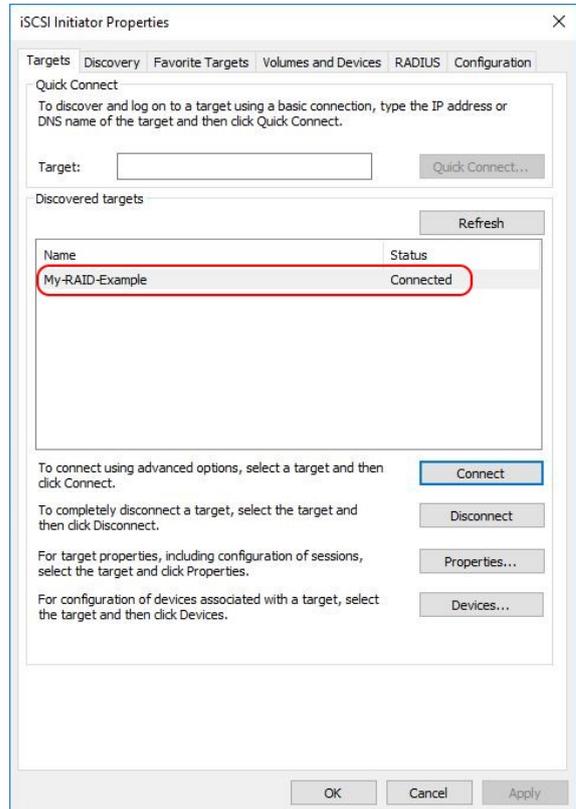


Click on Advanced.



Use the Drop downs to select the Local adapter, Initiator IP and Target portal IP as shown.

Click OK x 2



The RAID should now show as Connected.

If this is a new installation the RAID should appear in Windows Disc Management as a New Drive with a message “Initialise Disc?” Once this has been completed the RAID will appear in Windows as one or more Drive letters depending on the configuration of the RAID. This is covered in another technical guide – Windows Hard Drive Initialisation.

For an existing installation, say following a repair of the RAID, then the iSCSI initiator should automatically pick up and connect if no settings have changed. However, if it is the NVR/Kollektor that has been repaired then the above procedure will need to be followed if the settings have been lost.

If the RAID will not connect:

- Check the SAN Network settings of the NVR/Kollektor and the RAID match that of the iSCSI Initiator.
- Check the Ethernet patch cables are OK and plugged in to the correct ports.
- Check the RAID management software to ensure that the RAID is configured and functioning correctly.
- If all else fails, please call Vicon Technical Support.