



How to Expand Hard Disk Drive for IPSAN with UG-I500

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Description

If the IPSAN (VX-U series) is not fully populated with hard drives at the start of a project and is used together with UG-I500, additional storage capacity can be added later by inserting more hard drives into the IPSAN. This document provides the procedure for doing so.

Note: This method is applicable to most of the scenarios encountered problems, if the method still cannot solve your problem, it is recommended to consult our Tech Support Team.

https://global.uniview.com/Support/Service_Hotline/

Preparation

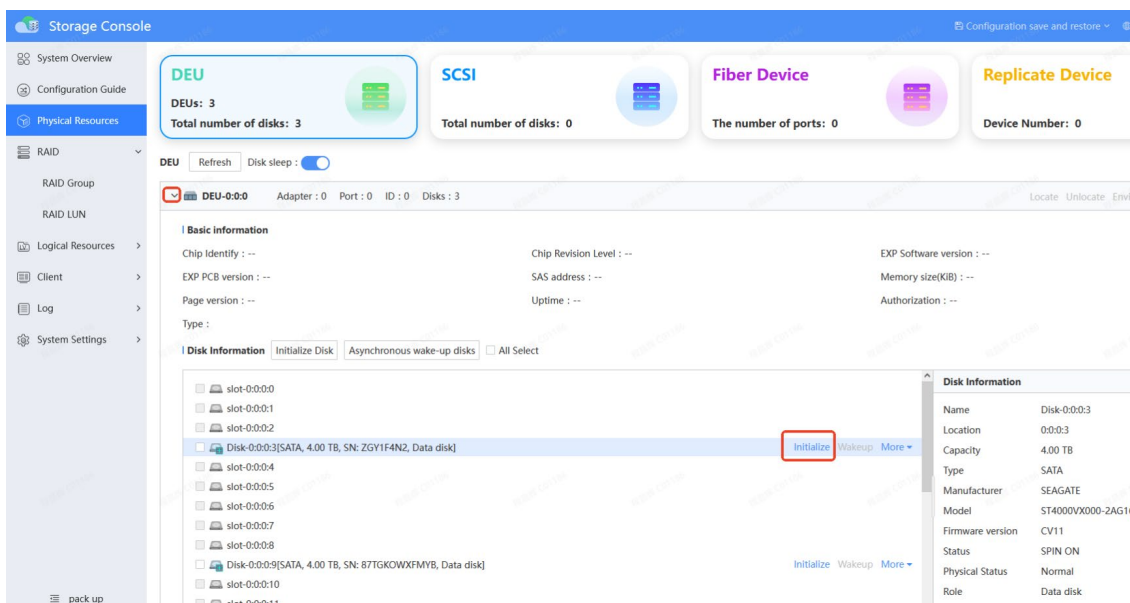
Ipsan, UG-I500, Computer, Hard Disk Drives

Steps

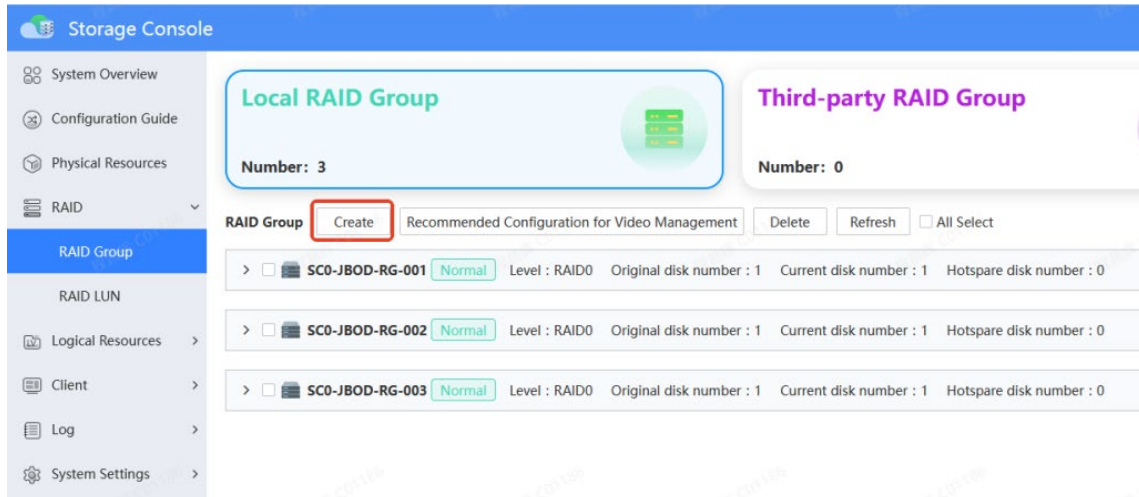
1. Insert New Hard Disk Drives into IPSAN

2. Create New Disk Arrays on IPSAN

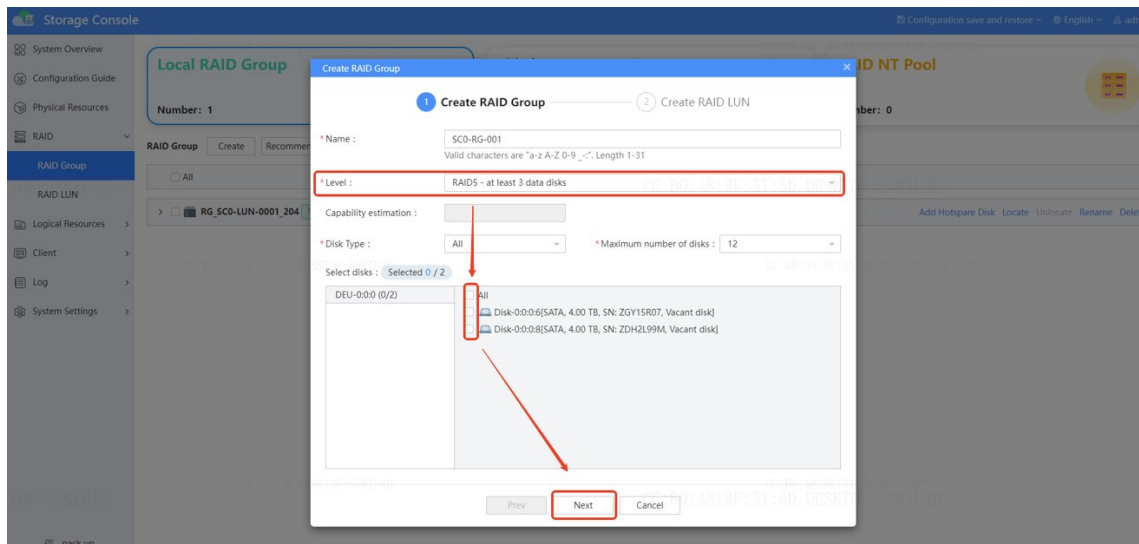
- 1) Log in to the IPSAN web interface (http://IPSAN_IP_address), using the default username: admin and default password: 123456.
- 2) Go to **Physical Resource** page, Click **“Initialize”** to format the newly inserted hard drives (if the hard drive status shows **“Vacant disk”**, this step can be skipped).



- 3) Navigate to **RAID -> RAID Group**, and click **“Create”** to add new arrays.



- 4) Select the required RAID level according to project requirements, check the new hard drives to be included in the array, and click **“Next”**.



- 5) Keep the default parameters and click **“Confirm”** to complete the RAID array creation.

Create RAID LUN

Name :
Valid characters are "a-z A-Z 0-9 _-". Length 1-31

Chunk size : 64K 128K

Read Cache : Enabled Disabled

Write Cache : Enabled Disabled

Rebuild Speed : High Middle Low

Synchronize Now : Yes No

Used as a caching device : Yes No

Select the RAID group to create RAID LUN resource(only select one RAID group)

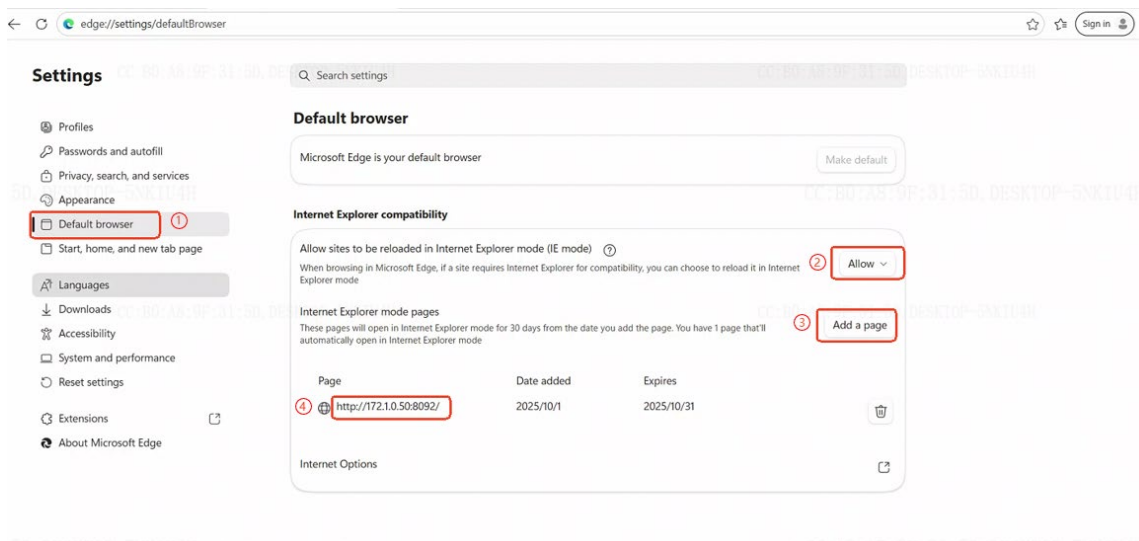
Name	Level	Capacity	Free Capacity	UUID
No Data				

3. Expand Storage on UG-1500

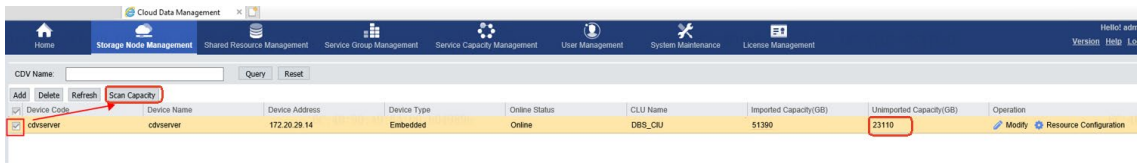
- 1) Open a browser and go to (<http://UG-1500 IP address:8092>) to log in to the Cloud Data Management System interface. The default username is admin and default password is 123456.

Note:

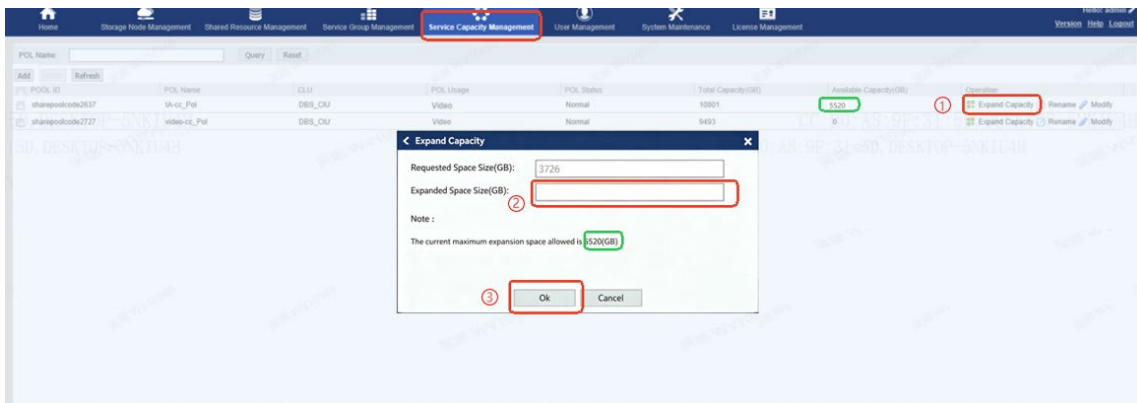
This interface needs to be launched in IE mode. Therefore, before logging in, you must add this page to the IE mode startup node in the Edge browser's **Settings** interface and allow it to launch in IE mode. After configuration, restart the browser and enter <http://<UG-1500 IP address>:8092> in the address bar to log in.



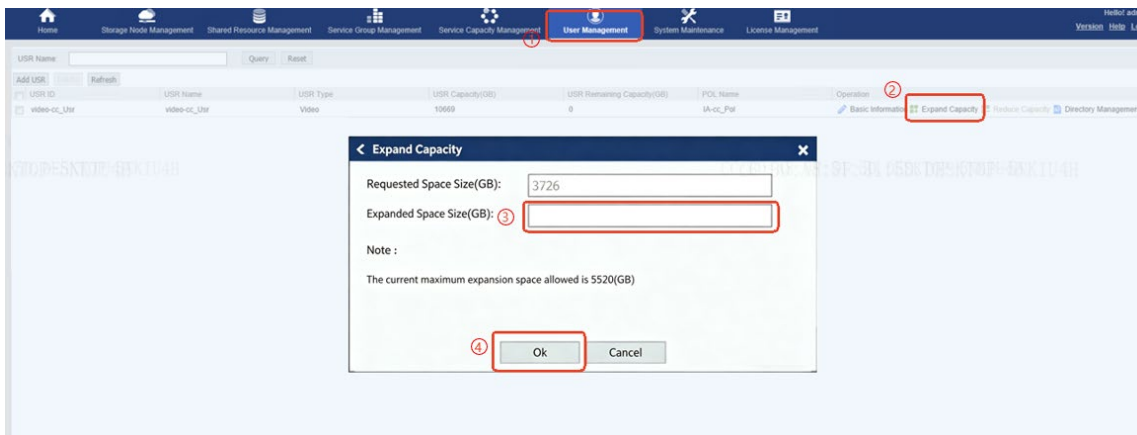
- 2) Go to **Storage Node Management**, select the corresponding IPSAN, and click "**Scan**" to perform a capacity scan. After scanning, the capacity available for expansion can be seen in the **Unimported space** column.



- 3) Go to **Service Capacity Management**, click "**Expand Capacity**". In the pop-up window, enter the capacity to be expanded, then click "**OK**".
 During the expansion, the **Pol Status** will change to "**Expanding**". Please wait patiently for the status to return to "**Normal**" before proceeding to the next step.



- 4) Go to **User Management**, click "**Expand Capacity**". In the pop-up window, enter the capacity to be expanded to expand the capacity for the User, then click "**OK**".



4. Expansion Completed

After these steps, the added IPSAN capacity will be reflected in the UG-1500 web interface.