Extending GreenLight Disks (GL >v3.5)

Depending on your environment you may need to enlarge the virtual disk on which GreenLight stores its data on. Please note that all virtual disks have to be located on the same physical storage. Please also note that extending disk space **ALWAYS** means that <u>you have to add a new additional disk on virtual hardware level</u>. I. e. extending disk space **never** means enlarging existing disks

In order to enlarge the partition in the GreenLight Appliance, perform the following steps:

1. The easiest way to enlarge a partition in GreenLight is to use the installed partition manager **GParted**. Please launch it using the Applications menu (you can also start GParted from the Terminal with "sudo gparted"):

	/iew Device	Partition Help	/dev/sda – GParte		/dev/sda	(120.00 GiB (200.00 GiB
		/dev/ 95.0			/de	v/sda3 .00 GiB
Partition	File System	Mount Point	Size	Used	Unused	Flags
/dev/sda1 🖘	xfs	/boot	1.00 GiB	151.79 MiB	872.21 MiB	boot
/dev/sda2 🤜	lvm2 pv	cl-pan	95.00 GiB	95.00 GiB	0.00 B	lvm
/dev/sda3 ⊂	lvm2 pv	cl	24.00 GiB	23.99 GiB	4.00 MiB	lvm

3. Select the unallocated space, open the Device menu and on click on Create Partition Table:

		/dev/sdb	- GParted		- • ×
	it View Device Partiti	tion Table	2	/dev/sd	b (200.00 GiB)
			located .00 GiB		
Partition	File System	Size	Used	Unused	Flags

4. Click on Apply in the warning:

	Create partiti	on table on /dev/sd	Ib			
	WARNING: This will ERASE ALL DATA on the ENTIRE DISK /dev/sd					
_	Select new partition table type:	msdos 💙	~			
			<u>C</u> ancel	Apply		

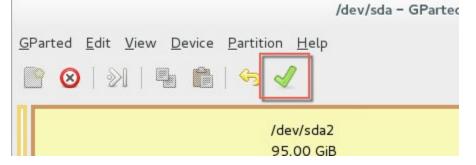
5. Select the new unallocated space, right-click and select New:

GParted Edit	View Device Par	/dev/sdb – tition Help	GParted		×
9 🛛 🕯	> 4 💼 🔹	b d		/dev/sc	lb (200.00 GiB) ~
		unalloo 200.00	0 GiB		
Partition	File System	Size 200.00 GiB	Used	Unused	Flags
		/		Delete	Insert Delete
	1		2 1	Resize/Move	Collect

6. From the Createas drop down menu, select **PrimaryPartition** and chose **Ivm2pv** as *File system* (if needed, a *Label* can be defined):
Create new Partition

Minimum size	e: 1 MiB		Maximum size	: 204799 MiB	
Free space preceding (MiB):	1	^	Create as:	Primary Partition	~
New size (MiB):	204799	*	File system:	lvm2 pv	
Free space following (MiB):	0	*		1	
Align to:	MiB	~	Label:		

7. Save your changes by clicking the apply button - also on the popup message



8. Start the LogicalVolumesManager from the Applications menu

- 9. Open the Logical View on the left hand side, select Physical View and click Extend VolumeGroup:

 Eile Tools View Help

 Volume Groups

 Best Eit

 C cl-pan
 - Image: classical view
 Image: classical

10. Select your new volume and click OK:

	Extend Ve	olume Group	
Select disk	entities to a	dd to the cl-	pan Volume (
Name	Size	Entity Type	· 1
/dev/sdb1	200.00GB	Unallocated	Physical V

11. Select the logical volume *opt_panagenda_pgdata* (for initial dimensioning see Setup Guide):

	Logical Volume Management	×
<u>File T</u> ools <u>V</u> iew <u>H</u> elp		
 Volume Groups cl cl-pan Physical View Logical View opt_panagenda_appdata opt_panagenda_logs (pl_control of control 	Best Fit Zoom In Zoom Out	Properties for Logical Volume /dev/cl-pan/opt_panagenda Logical Volume Name: cpt_panagenda Volume Group Name: cft-pan Logical Volume Sine: 60 00 08 Number of Segments: 1 Attributes: ~attraction: LV UUD: robolframWallon-GMH-02 Joh Mount Point: /opt/panagenda/pgdats Mount Point: when Rebooted. /opt/panag File System: 305
	Remove Logical Volume	Properties

12. Resize the logical volume as needed:

	Edit Log	jical Volume		
LV name: opt_p	banager	nda_pgda	ata	
LV Properties				
Size Remainir	-	pace in Vo Gigabytes	lume Group	:
LV size 260.0)		Gigabytes	~
60.0			0	260.0
Use remainin	g Remai		e for this Vo gabytes	olume:
Filesystem				
XFS				~
🖌 Mount 🖌	Mount	when rebo	oted	
Mount point:	/opt/pa	nagenda	/pgdata	
R	evert	<u>C</u> ance		к

13. Please restart the Appliance

Tip: You can repeat this enlargement whenever you need more space.