1. Reformat both the drives (if necessary)
2. Mark both drives as boot device

Storage configuration

To continue you need to: Mount a filesystem at /
Select a boot disk.

FILE SYSTEM SUMMARY
No disks or partitions mounted.

AVAILABLE DEVICES

<table>
<thead>
<tr>
<th>DEVICE</th>
<th>TYPE</th>
<th>SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ HDD1 ]</td>
<td>local disk</td>
<td>250.0000 G</td>
</tr>
<tr>
<td>free space</td>
<td></td>
<td>249.9989 G</td>
</tr>
<tr>
<td>[ HDD2 ]</td>
<td>local disk</td>
<td>50.0000 G</td>
</tr>
<tr>
<td>free space</td>
<td></td>
<td>249.9989 G</td>
</tr>
</tbody>
</table>

[ Create software RAID (md) ]
[ Create volume group (LVM) ]

USED DEVICES
No used devices
2. Resize EFI boot partition from default 1GB to 250MB for both drives
To continue you need to: Mount a filesystem at /

FILE SYSTEM SUMMARY

MOUNT POINT | SIZE   | TYPE   | DEVICE TYPE
-------------|--------|--------|-------------
/booth/efi   | 1.049G | new    | new partition on local disk ▶

AVAILABLE DEVICES

DEVICE                                                                 | TYPE   | SIZE   
VBOX_HARDDRISK_V8006ef5a7-14ee95da free space                          | local disk | 250.00G ▶
VBOX_HARDDRISK_V801352736-51f473704 free space                          | local disk | 250.00G ▶
Create software RAID (md) ▶                                               |
Create volume group (LVM) ▶                                              |

USED DEVICES

DEVICE                                                                 | TYPE   | SIZE   | (close)   | Edit | Remove from RAID/LVM | Delete |
VBOX_HARDDRISK_V8006ef5a7-14ee95da partition 1 new, primary ESP. to be formatted as fat32, mounted at /booth/efi | local disk | 250.00G | ▶                      | ▶     | ▶                      |
VBOX_HARDDRISK_V801352736-51f473704 partition 1 new, backup ESP. to be formatted as fat32 | local disk | 1.04G   | ▶                      | ▶     | ▶                      |

[ Done ]
[ Reset ]
[ Back ]
To continue you need to: Mount a filesystem at /.

FILE SYSTEM SUMMARY

MOUNT POINT SIZE TYPE DEVICE TYPE
[/boot/cfi 250,000M new fat32 new partition or local disk]

AVAILABLE DEVICES

DEVICE

[ \VENOM ]
free space
[ \VENOM ]
free space
[ Create new ]
[ Create new ]

USED DEVICE

DEVICE

[ \VENOM ]
[ \VENOM ]

Editing partition Name of VBOX_HARDDRIVE_00f352736-54f4797b4

Bootloader partition

This is an ESP / "EFI system partition" as required by UEFI. As this disk has been selected as a boot device, Grub will be installed onto this partition. Which must be formatted as fat32. The only aspect of this partition that can be edited is the size.

Size (max 249,999M):

Format: [fat32] *

Mount: [ Leave unmounted ] *

[ Save ]
[ Cancel ]

[ Done ]
[ Reset ]
[ Back ]
3. Add an GPT partition to both the drives (assign same size and unformatted)
To continue you need to: Mount a filesystem at /

FILE SYSTEM SUMMARY

<table>
<thead>
<tr>
<th>MOUNT POINT</th>
<th>SIZE</th>
<th>TYPE</th>
<th>DEVICE TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>/boot/efi</td>
<td>250.000M</td>
<td>new</td>
<td>fat32, new partition of local disk</td>
</tr>
</tbody>
</table>

AVAILABLE DEVICES

<table>
<thead>
<tr>
<th>DEVICE</th>
<th>TYPE</th>
<th>SIZE</th>
<th>Device status</th>
</tr>
</thead>
<tbody>
<tr>
<td>/dev/sda1</td>
<td>local disk</td>
<td>250.000G</td>
<td></td>
</tr>
<tr>
<td>free space</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- gdisk mkT Partition

USED DEVICES

<table>
<thead>
<tr>
<th>DEVICE</th>
<th>TYPE</th>
<th>SIZE</th>
<th>Device status</th>
</tr>
</thead>
<tbody>
<tr>
<td>/dev/sda1</td>
<td>local disk</td>
<td>250.000G</td>
<td></td>
</tr>
<tr>
<td>partition 1 new, primary ESP, to be formatted as fat32, mounted at /boot/efi</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- gdisk mkT Partition

<table>
<thead>
<tr>
<th>DEVICE</th>
<th>TYPE</th>
<th>SIZE</th>
<th>Device status</th>
</tr>
</thead>
<tbody>
<tr>
<td>/dev/sda1</td>
<td>local disk</td>
<td>250.000G</td>
<td></td>
</tr>
<tr>
<td>partition 1 new, backup ESP, to be formatted as fat32</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
4. Create a software RAID and select the partition that you created
5. Create a Logical Volume Group

To continue you need to: Mount a filesystem at /

FILE SYSTEM SUMMARY

MOUNT POINT SIZE TYPE DEVICE TYPE
[/boot/efi] 250.000M new fat32 new partition of local disk

AVAILABLE D

DEVICE [VBOX_HARD partition]

[Create so]

[Create vol]

USED DEVICE

DEVICE [VBOX_HARD partition]

[Create so]

[Create vol]

Create software RAID ("MD") disk

Name: [hdo]

RAID Level: [1 (mirrored) ▼ ]

Devices: [VBOX_HARDisk_VBS06ef87-44e995d9 250.0006]

[X] partition 2 [active ▼ ]

Used partition of local disk

[VBOX_HARDisk_VBS1452736-5f475764 250.0006]

[X] partition 2 [active ▼ ]

Used partition of local disk

Size: 249.627G

[Create ▼ ]

[Cancel ▼ ]

[Done ▼ ]

[Reset ▼ ]

[Back ▼ ]
6. Create Logical volumes – Ex: (for 250GB-2-SSD)
### Storage configuration

To continue you need to: Mount a filesystem at /

**FILE SYSTEM SUMMARY**

<table>
<thead>
<tr>
<th>MOUNT POINT</th>
<th>SIZE</th>
<th>TYPE</th>
<th>DEVICE TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>/boot/efi</td>
<td>250.000M</td>
<td>new fat32</td>
<td>new partition of local disk</td>
</tr>
</tbody>
</table>

**AVAILABLE DEVICES**

<table>
<thead>
<tr>
<th>DEVICE</th>
<th>TYPE</th>
<th>SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>free space</td>
<td>LVM volume group</td>
<td>249.6K</td>
</tr>
</tbody>
</table>

[ Create software RAID (md) ]

[ Create volume group (LVM) ]

**USED DEVICES**

<table>
<thead>
<tr>
<th>DEVICE</th>
<th>TYPE</th>
<th>SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>md0 (new, PV of LVM volume group te</td>
<td>software RAID 1</td>
<td>249.627G</td>
</tr>
<tr>
<td>VBOX_HARDDISK_V8306ef0f-4e893f5d</td>
<td>local disk</td>
<td>250.000G</td>
</tr>
<tr>
<td>partition 1 new, primary ESP, to be</td>
<td>new, primary ESP, to be</td>
<td>250.000M</td>
</tr>
<tr>
<td>formatted as fat32, mounted at /boot/efi</td>
<td>formatted as fat32, mounted at /boot/efi</td>
<td>250.000M</td>
</tr>
<tr>
<td>partition 2 new, component of softw</td>
<td>new, component of softw</td>
<td>249.793G</td>
</tr>
<tr>
<td>RAID 1 md0</td>
<td>RAID 1 md0</td>
<td></td>
</tr>
<tr>
<td>VBOX_HARDDISK_V881352236-51473704</td>
<td>local disk</td>
<td>250.000G</td>
</tr>
<tr>
<td>partition 1 new, backup ESP, to be</td>
<td>new, backup ESP, to be</td>
<td>250.000M</td>
</tr>
<tr>
<td>formatted as fat32</td>
<td>formatted as fat32</td>
<td></td>
</tr>
<tr>
<td>partition 2 new, component of softw</td>
<td>new, component of softw</td>
<td>249.793G</td>
</tr>
<tr>
<td>RAID 1 md0</td>
<td>RAID 1 md0</td>
<td></td>
</tr>
</tbody>
</table>

- Root — 30GB
- Swap — 4GB
- Var — 20GB
- Home — 140GB
7. Provide your Username and Password
8. Make sure press finish to after the installation log shows success