

HPE Gen11 服务器 MR 系列阵列卡离线 MRSA 扩容阵列

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一. 适用范围与注意事项

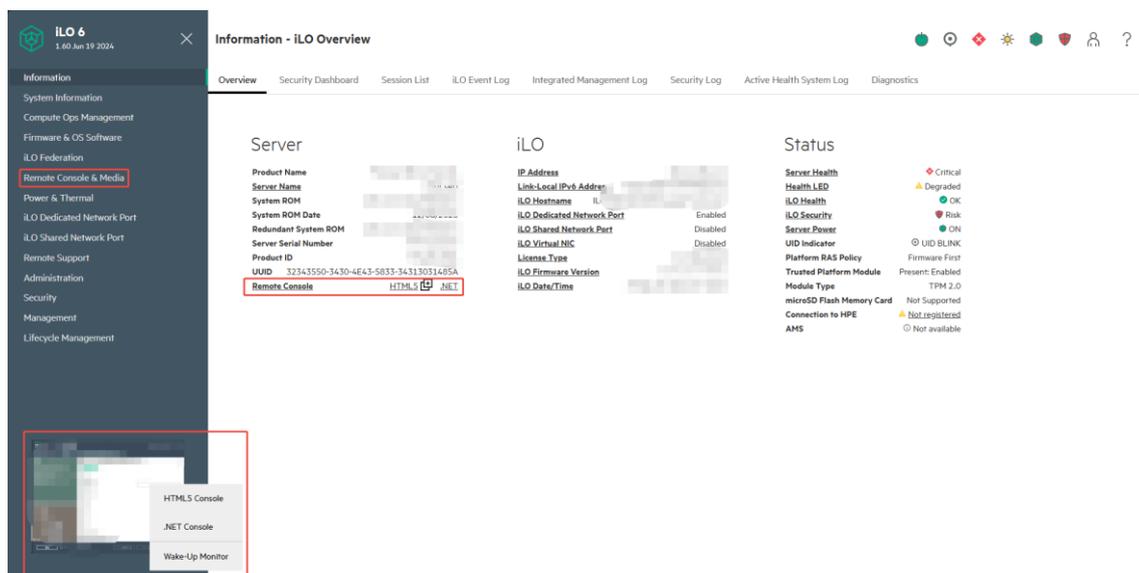
- 本文档旨在说明 HPE Gen11 服务器 MR416i/MR216i 系列阵列卡离线 MRSA 下扩容阵列并以 ProLiant DL380 Gen11 服务器为例进行配置步骤说明。
- 实际情况是否适用本文档，请通过下面导航链接进行确认：
<https://zhiliao.h3c.com/Theme/details/218271>
- 提示：
本文档中的信息（包括产品，软件版本和设置参数）仅作参考示例，具体操作与目标需求设置请以实际为准。
本文档不定期更新维护，请以发布的最新版本为准。

二. 配置准备

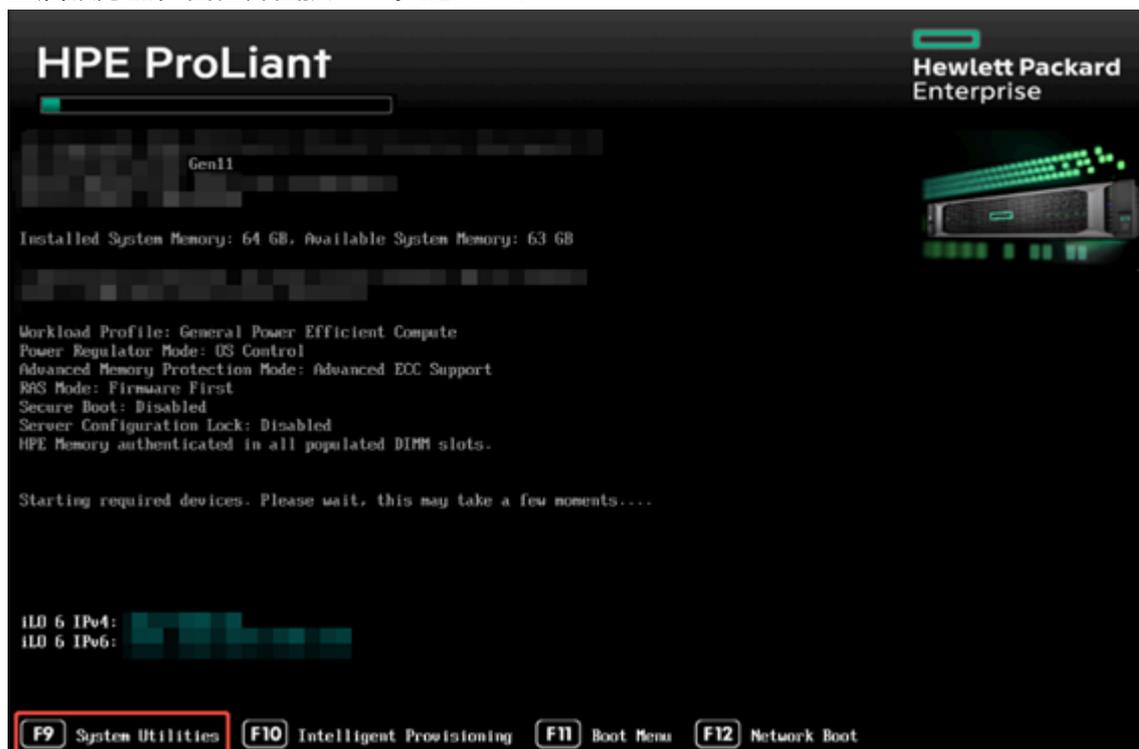
1. 连接 iLO 与启用远程控制台
具体方法请参考：<https://zhiliao.h3c.com/Theme/details/216337>

三. 配置步骤

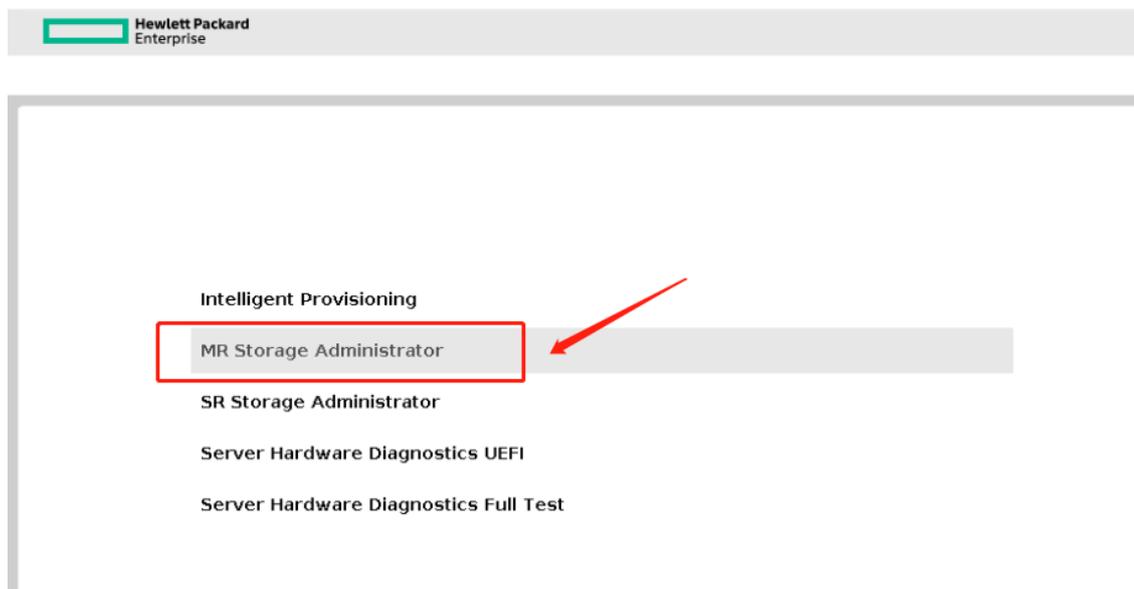
1. 启用 MR Storage Administrator
 - 1.1 通过 iLO 远程控制台
 - 1) 通过 iLO 6 页面 Information -> Overview 的 Remote Console 选项，或页面左下方 Remote Console 选区可直接启用远程控制台；也可在 Remote Console & Media - iLO Integrated Remote Console 页面进行选择。本文以 .NET 远程控制台为例。



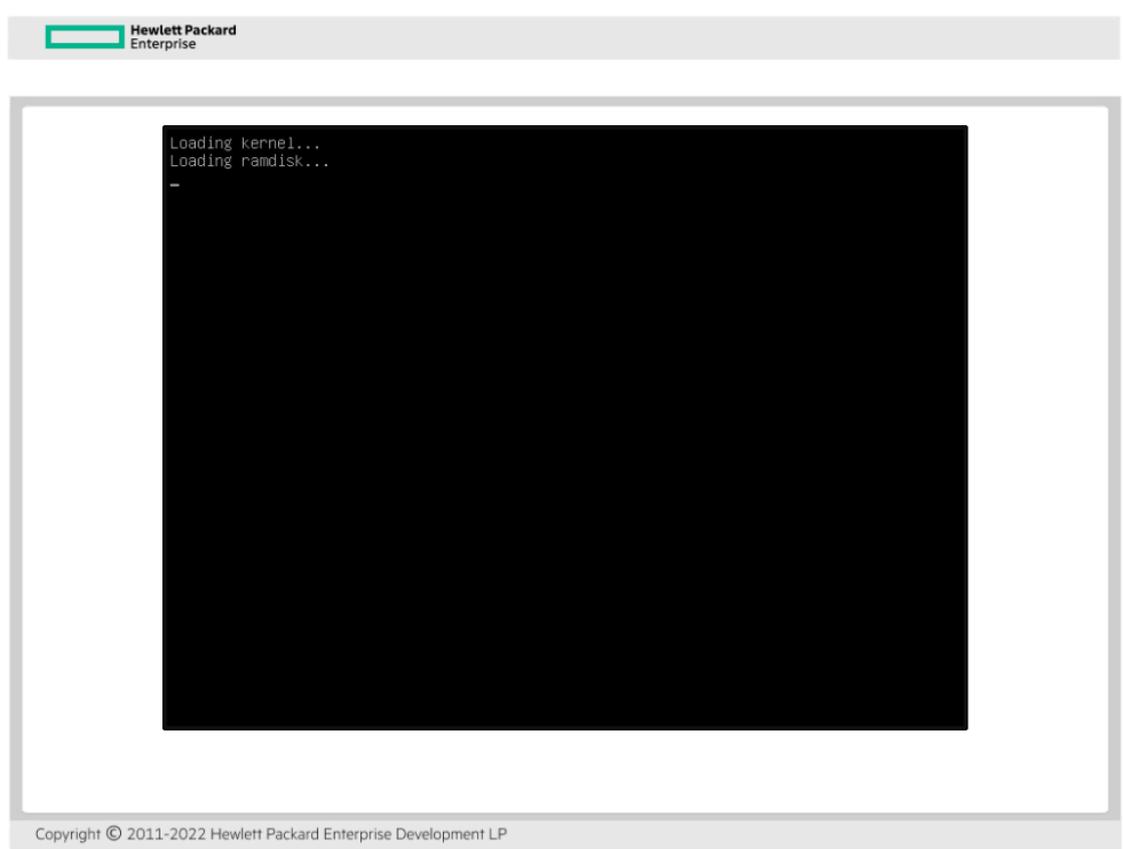
2) 重启服务器，自检界面按 **F10**，进入 IP。



3) 此界面选择 **MR Storage Administrator** 引导进入。

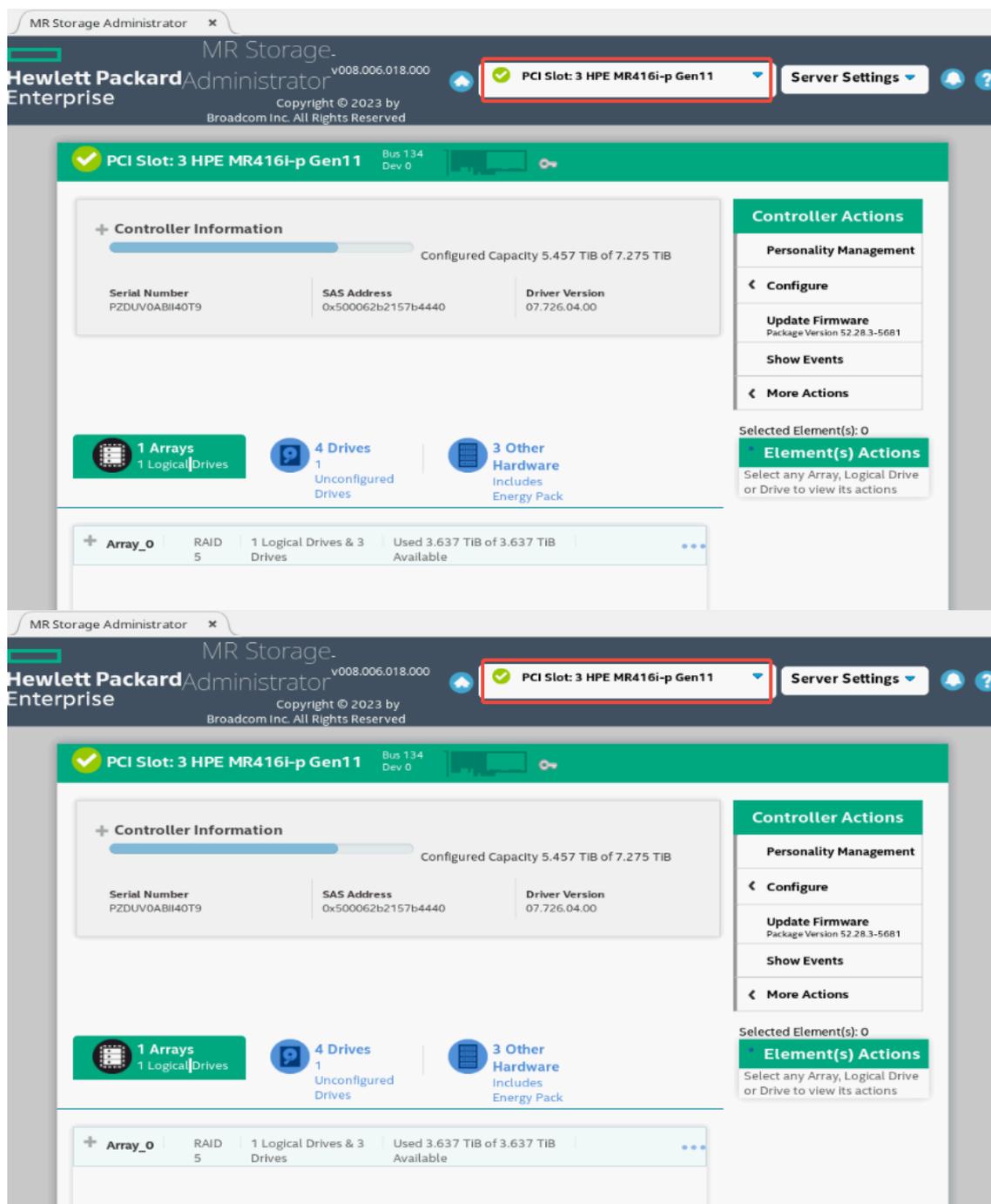


4) 引导进入过程中界面，请耐心等待。

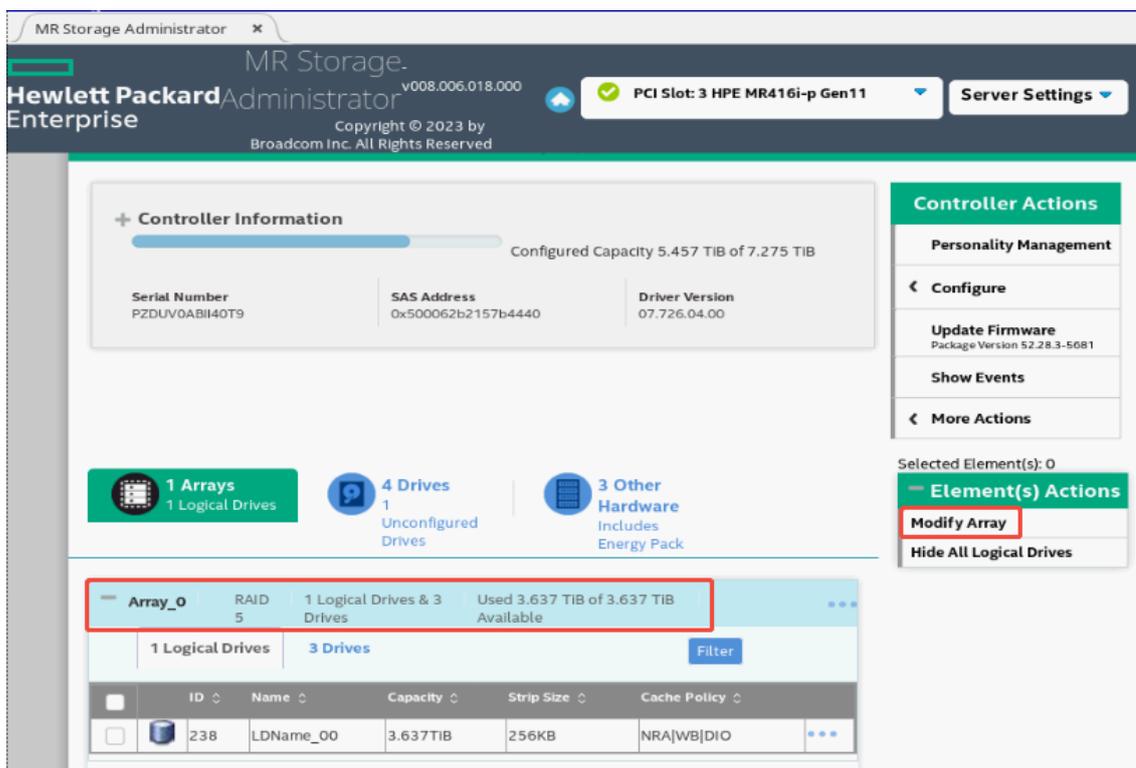


2. 扩容阵列

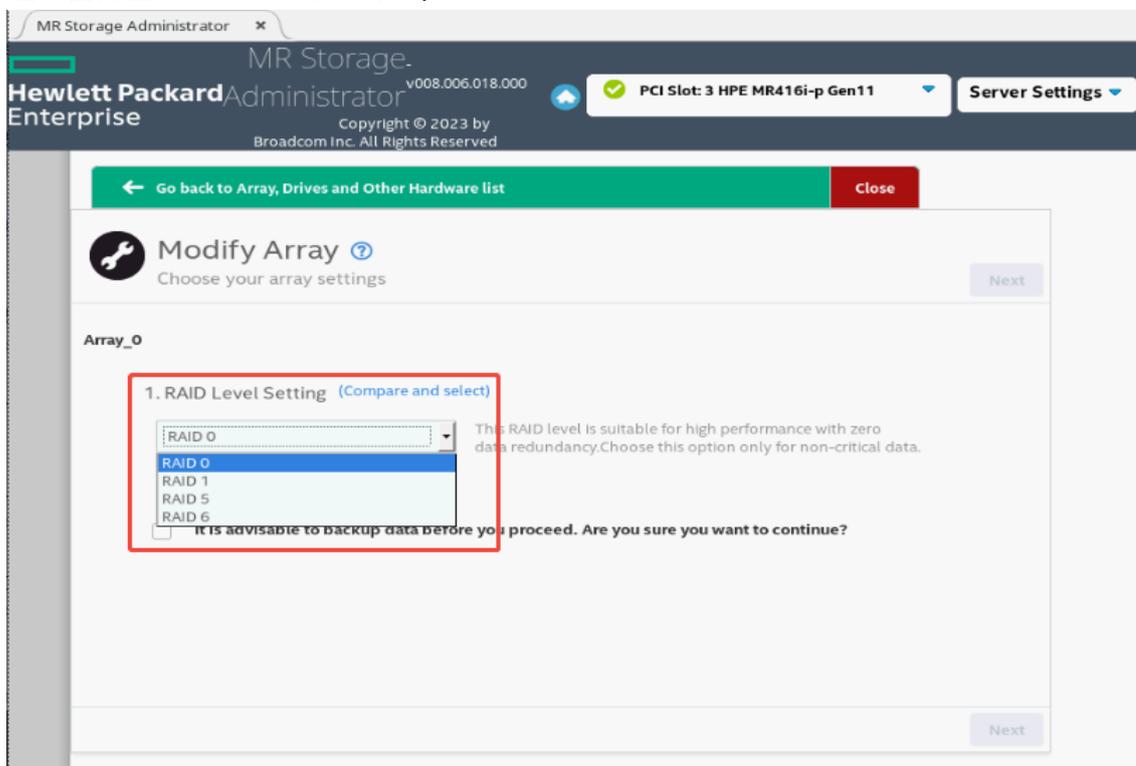
- 1) 选择阵列卡 MR416i-p，查看需要扩容的逻辑卷信息。本文档以 3 块硬盘的 RAID5 添加一块硬盘进行扩容为例。

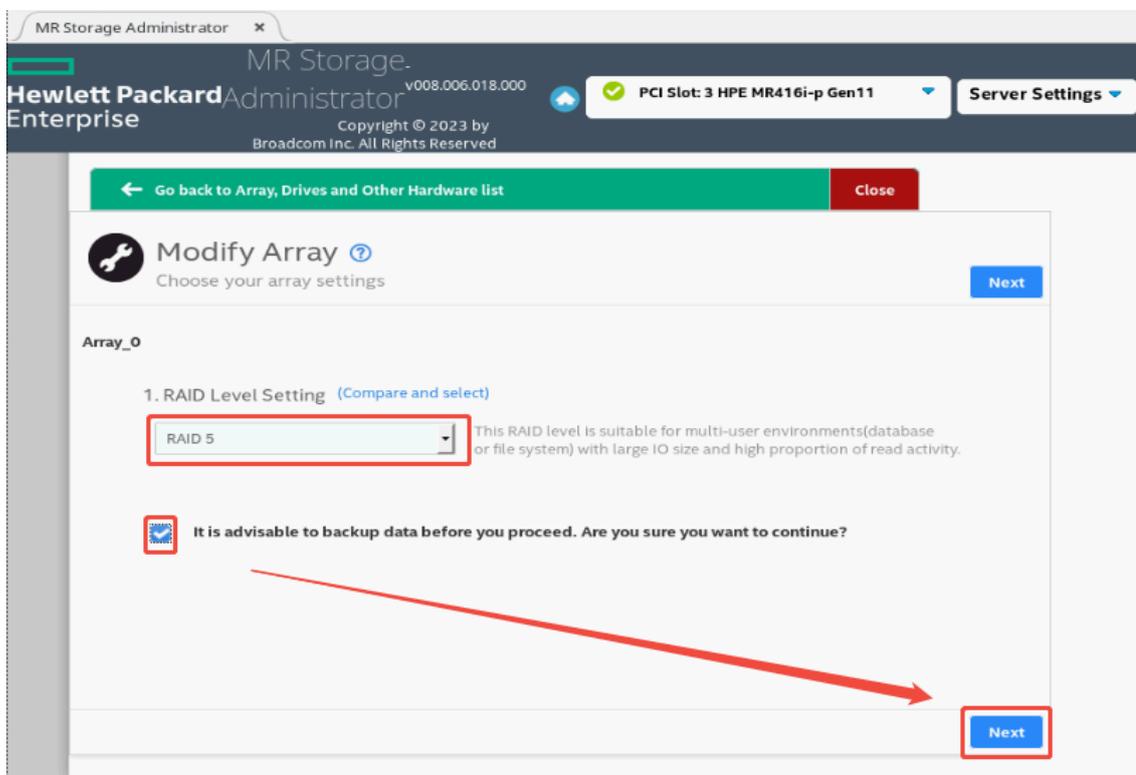


2) 选择逻辑卷，点击 **Modify Array**。

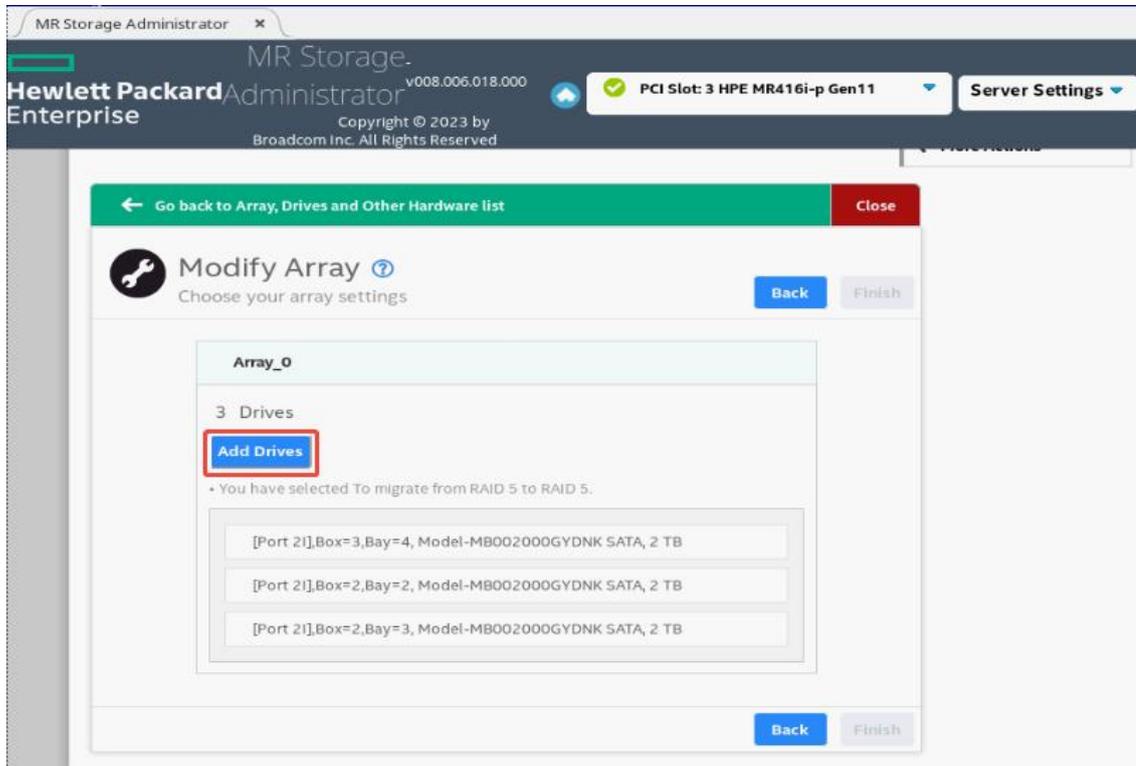


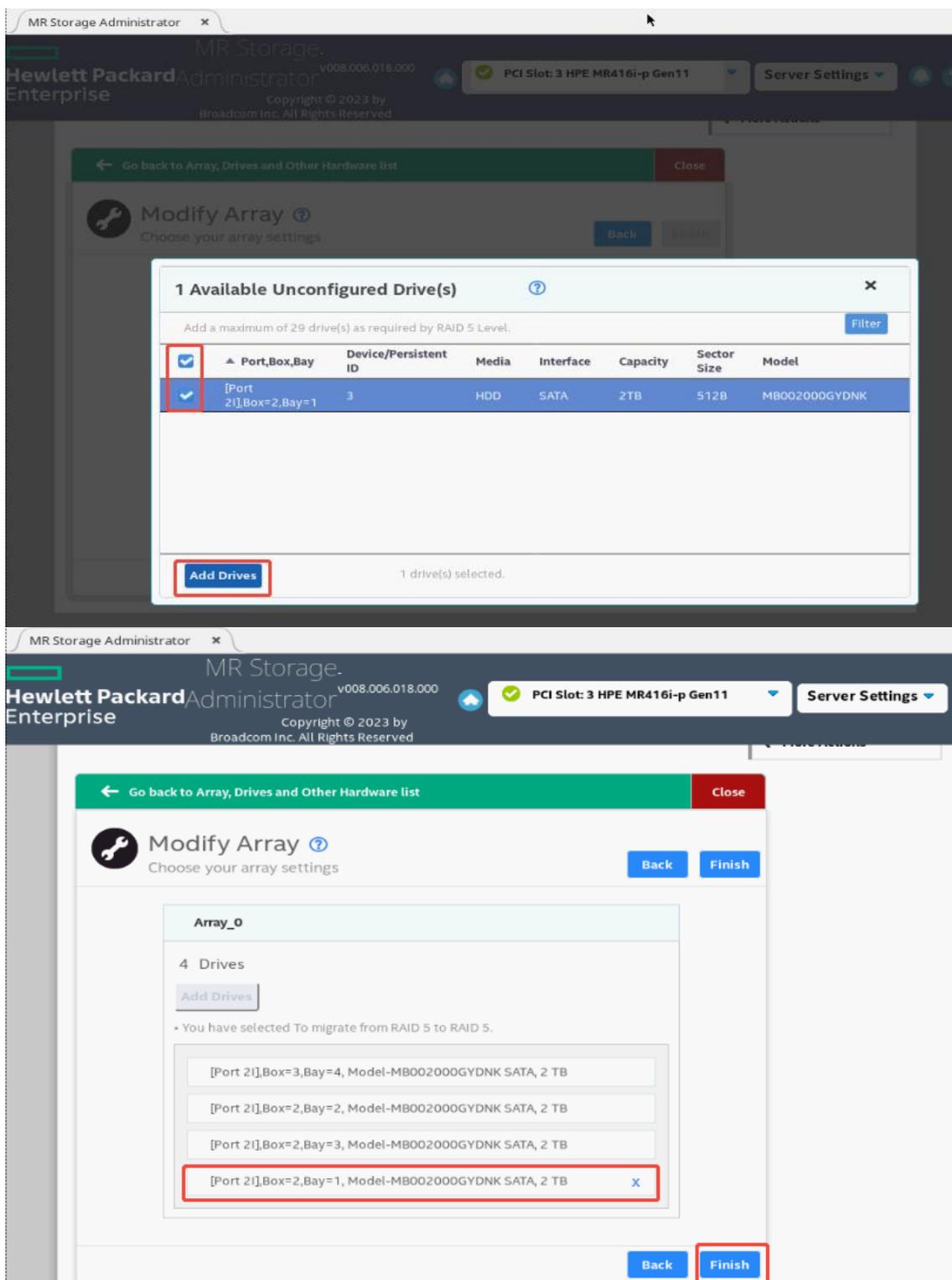
- 3) 选择需要扩容的 RAID 级别，以 RAID5 为例，勾选“**It is advisable to backup data before you proceed. Are you sure you want to continue?**”之后点击 Next。(注：建议备份重要数据后再进行操作)



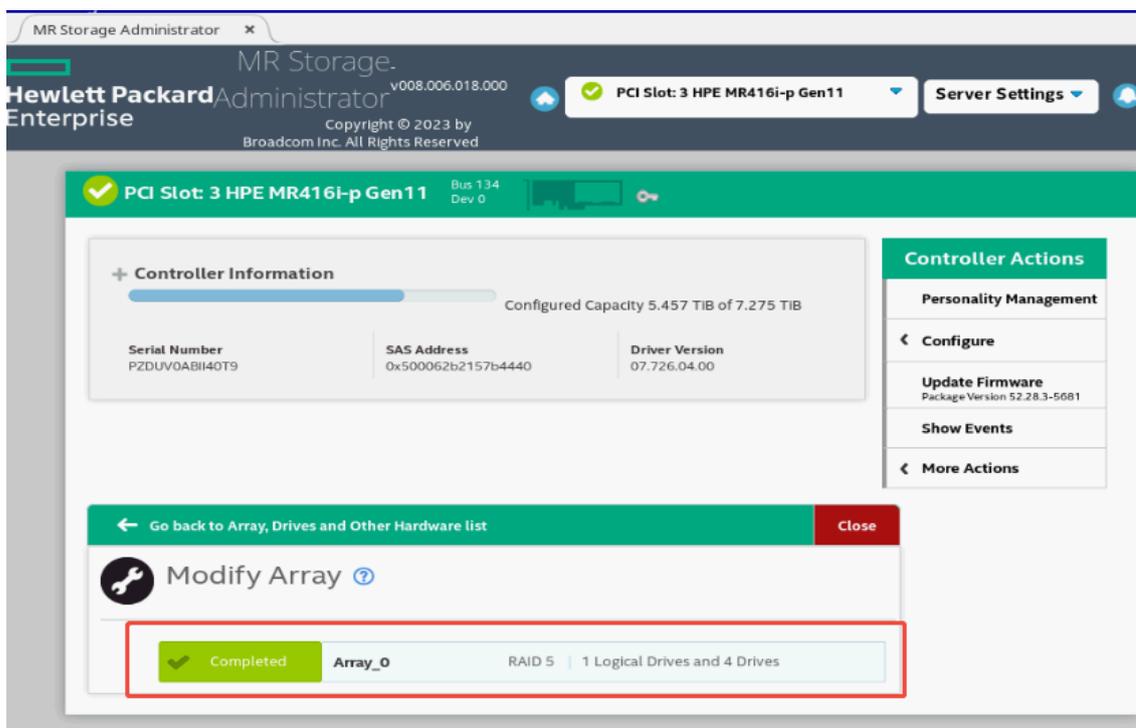


4) 点击 **Add Drives** 添加所需扩容到阵列中的硬盘，选择之后点击 **Finish**。

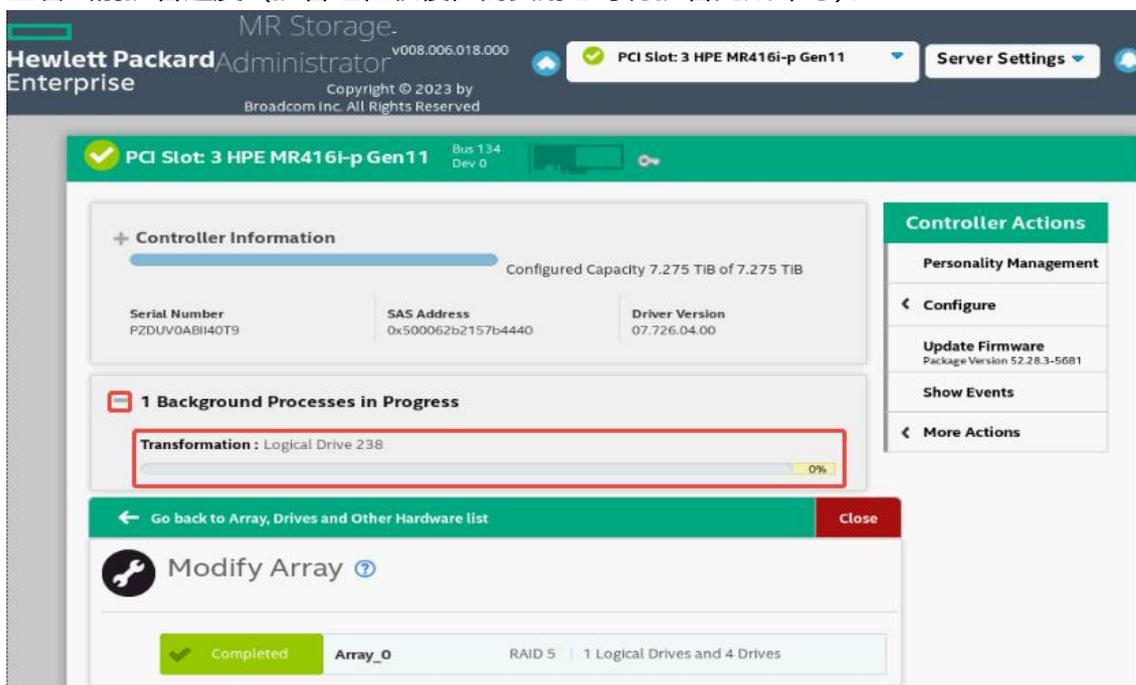




5) 扩容操作执行提示成功。



6) 查看当前扩容进度 (扩容过程较慢, 需要耐心等待扩容完成即可)。



7) 扩容完成。

The screenshot displays the MR Storage Administrator web interface. At the top, it shows the title 'MR Storage Administrator' and 'Hewlett Packard Enterprise'. The main content area is divided into several sections:

- Controller Information:** Shows 'Configured Capacity 7.275 TIB of 7.275 TIB'. Below this, there are fields for 'Serial Number' (PZDUV0ABII40T9), 'SAS Address' (0x500062b2157b4440), and 'Driver Version' (07.726.04.00).
- Summary Cards:** Three cards provide a high-level overview: '1 Arrays' (1 Logical Drives), '4 Drives' (0 Unconfigured Drives), and '3 Other Hardware' (Includes Energy Pack).
- Array_0 Details:** A section for 'Array_0' (RAID 5) shows '1 Logical Drives & 4 Drives' and 'Used 5.456 TIB of 5.456 TIB Available'. A 'Filter' button is present.
- Table:** A table lists the logical drives. The first row is highlighted with a red box:

ID	Name	Capacity	Strip Size	Cache Policy
239	LDName_00	5.456TIB	256KB	NRA WB DIO

On the right side, there is a 'Personality Management' sidebar with options like 'Configure', 'Update Firmware', 'Show Events', and 'More Actions'. Below this, it indicates 'Selected Element(s): 0' and provides an 'Element(s) Actions' button.