

HPE Gen11 服务器通过 IP 引导 安装 Redhat 8 系统的安装方法

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一. 适用范围与注意事项

- 本文档旨在说明 HPE Gen11 系列服务器通过 Intelligent Provisioning 安装系统的方法，并以 DL380 Gen11 服务器安装 Redhat 8.6 为例进行安装步骤说明。
安装过程中您可能需要借助其他工具完成部分操作。如需了解详细介绍，请参考本文档<[安装准备](#)>的内容查看。
- 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/218270>
- 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. 安装准备

1. 系统兼容性查询
具体确认方法请参考：<https://zhiliao.h3c.com/Theme/details/216161>
2. 系统安装介质获取
具体方法请参考：<https://zhiliao.h3c.com/Theme/details/216393>
3. 阵列配置

如果有配置阵列的需求，请在阵列配置完成后再安装系统。

具体阵列配置方法请参考：<https://zhiliao.h3c.com/Theme/details/218271>

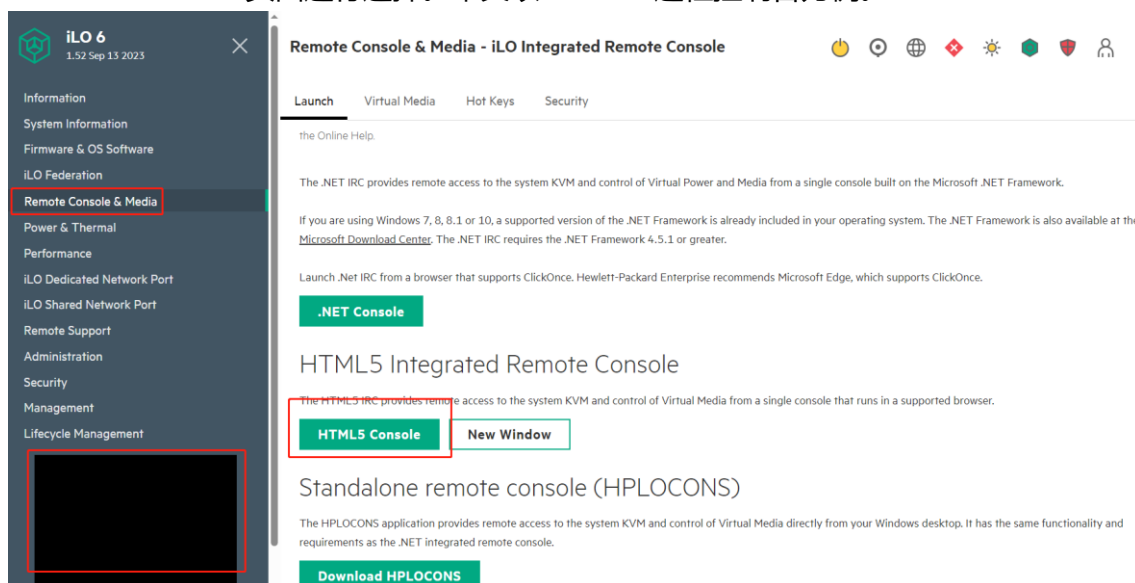
4. 连接 iLO 与启用远程控制台

具体方法请参考：<https://zhiliao.h3c.com/Theme/details/216337>

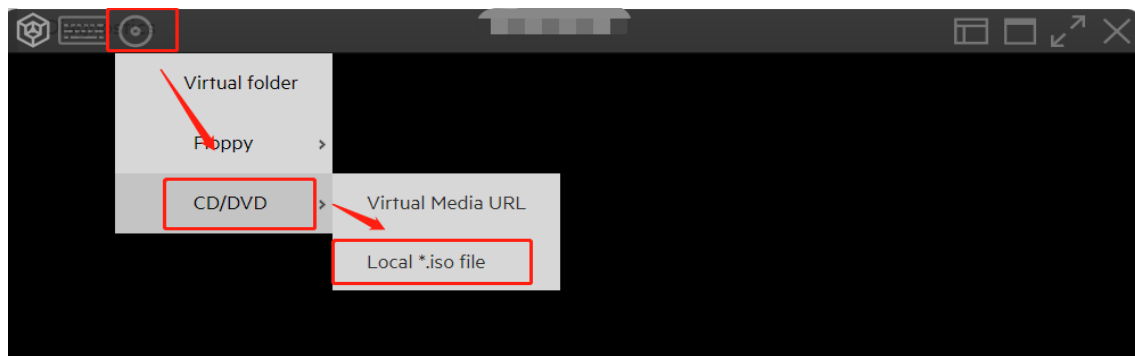
三. 安装步骤

1. 挂载系统安装介质

1.1 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 HTML5 远程控制台为例。



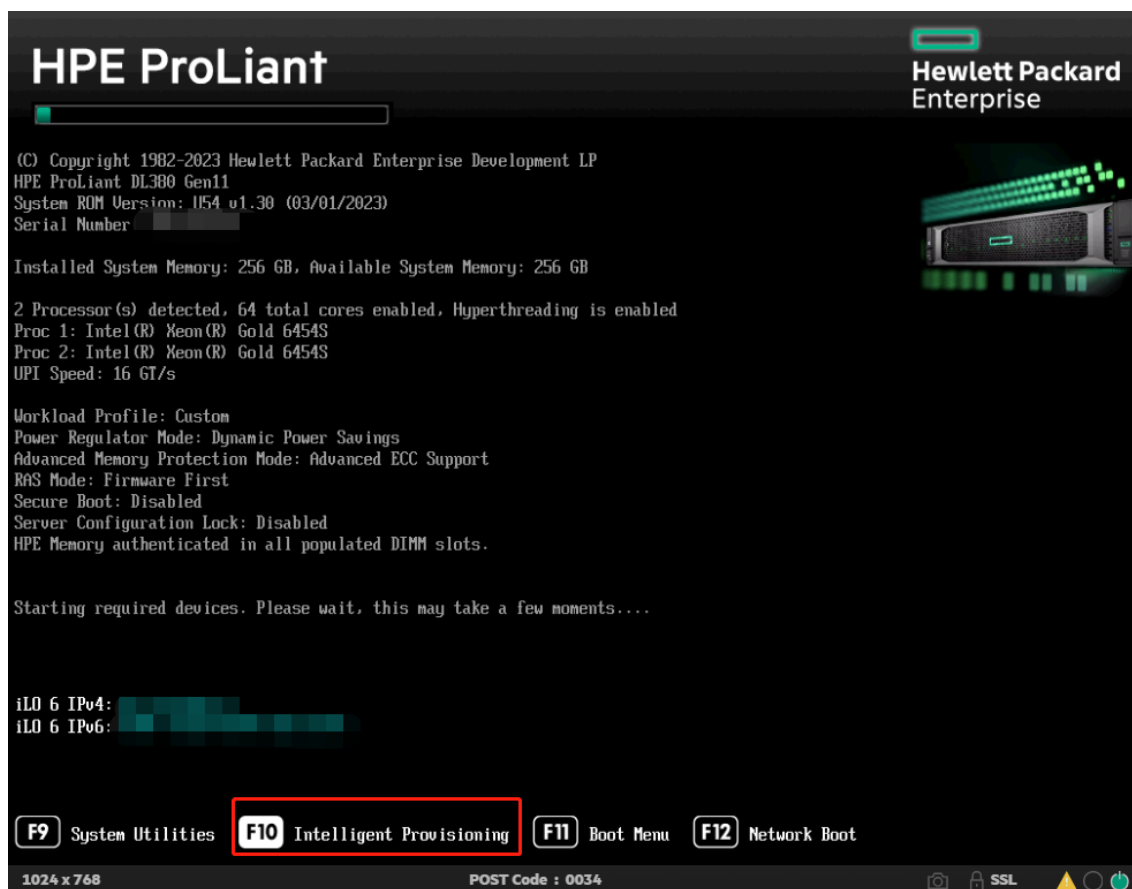
1.2 选择 CD/DVD 挂载系统镜像。



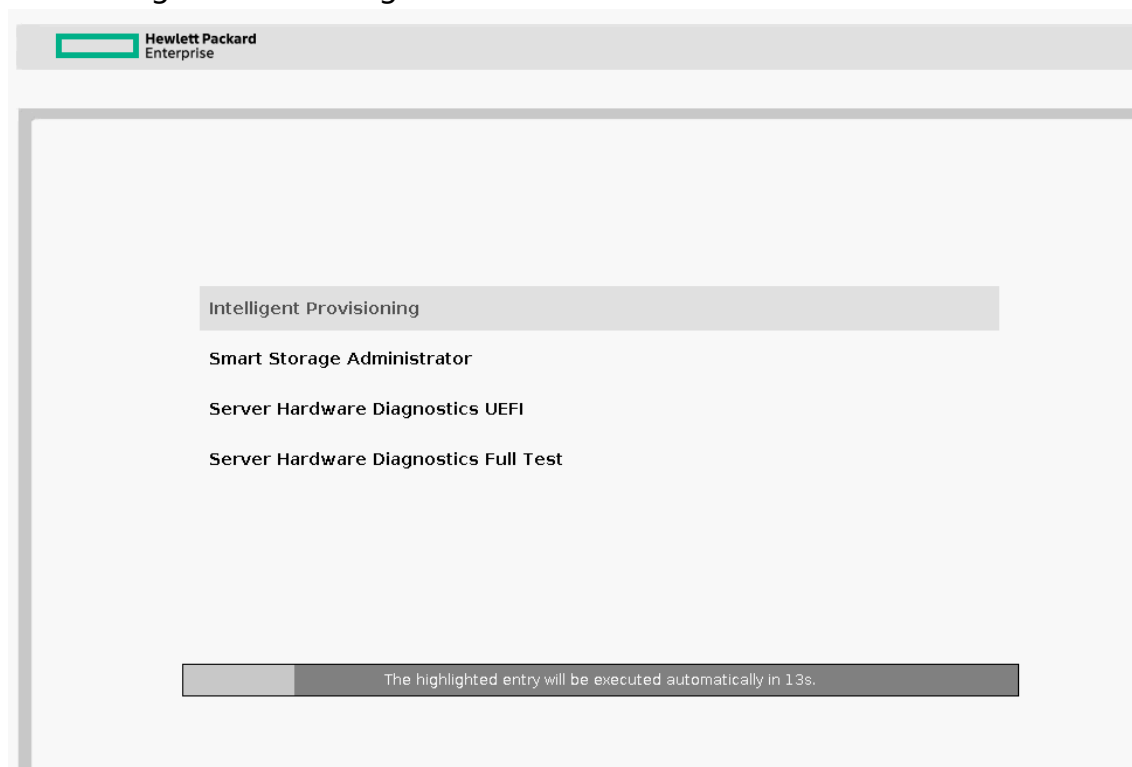
2. 启用 Intelligent Provisioning

注：本文以 iLO 控制台启用 Intelligent Provisioning 为例进行系统安装，如服务器已连接键鼠也可在现场直接操作服务器。在不同启用和操作方式下，系统介质的挂载引导方式可以为 iLO 远程控制台挂载也可以为 U 盘挂载。

2.1 开机自检界面按 **F10**，等待启动 Intelligent Provisioning。



2.2 选择 Intelligent Provisioning 进入 IP。

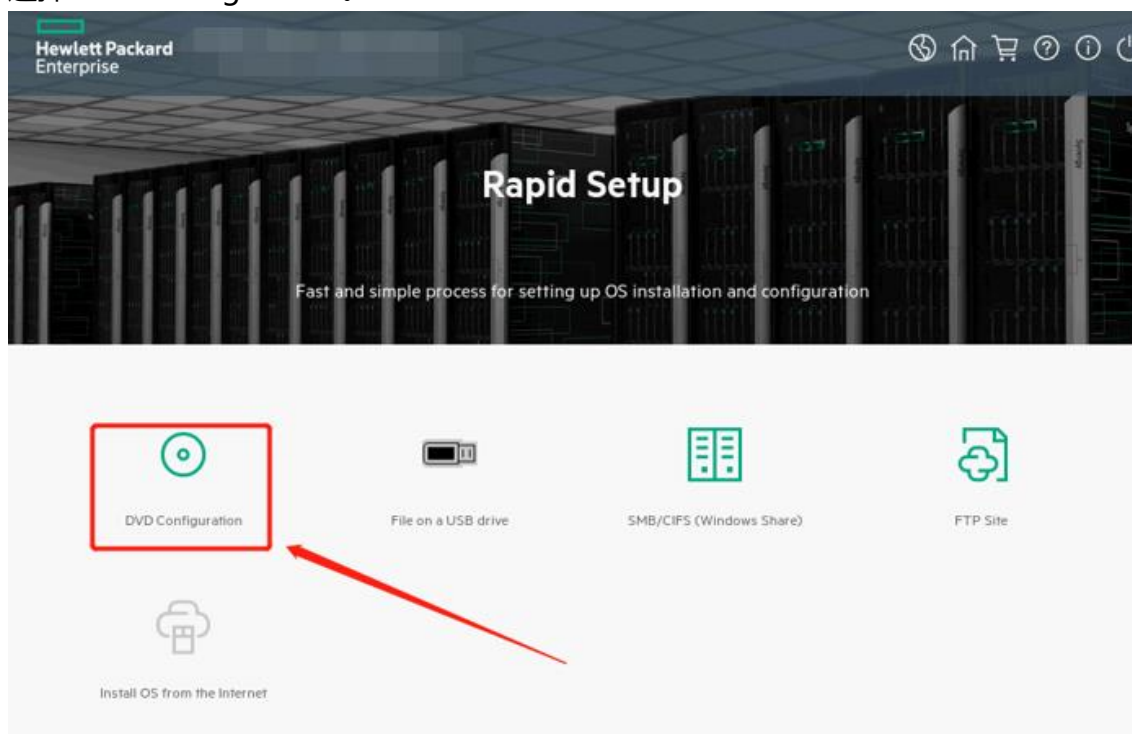


3. 引导系统安装

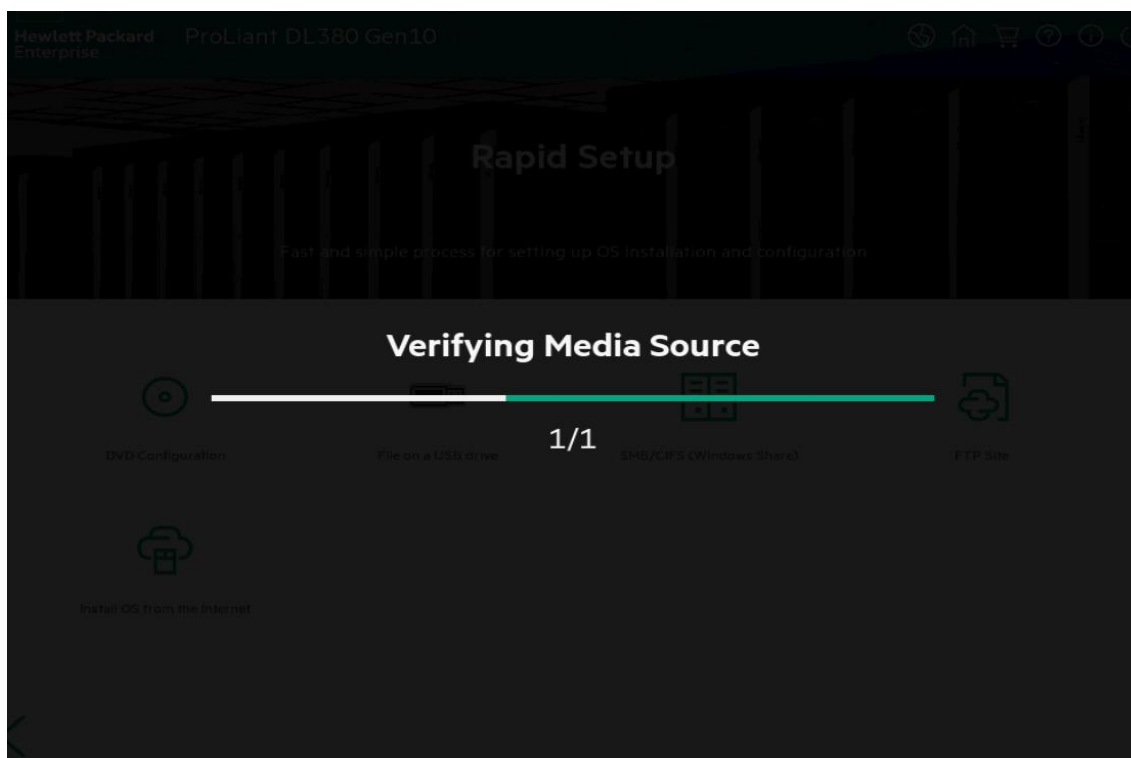
3.1 选择 Rapid Setup。



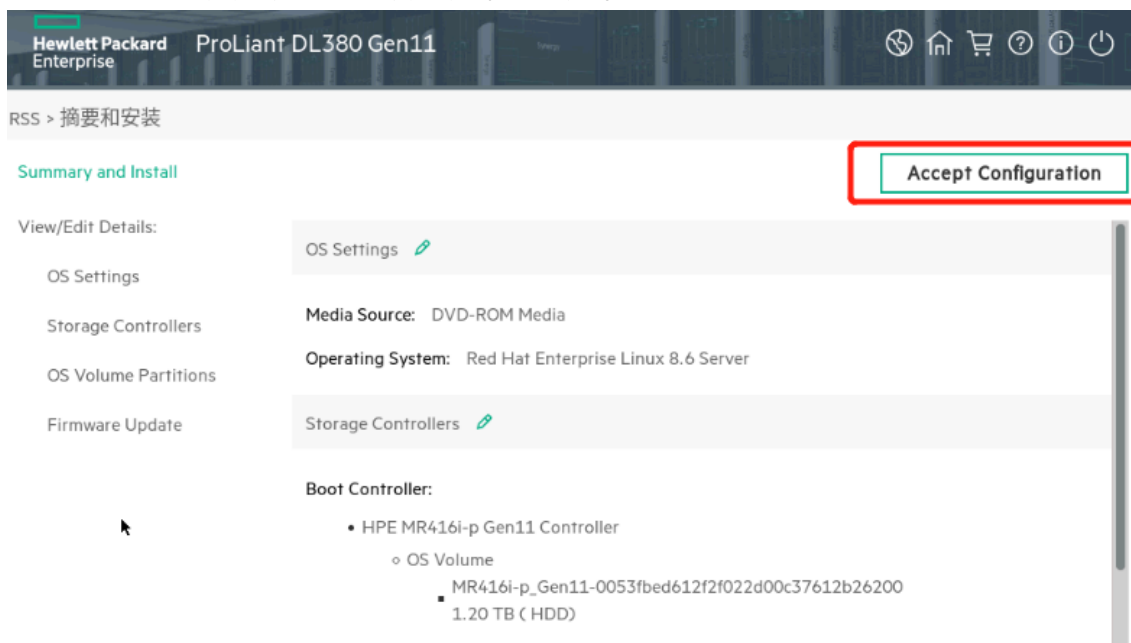
3.2 选择 DVD Configuration。



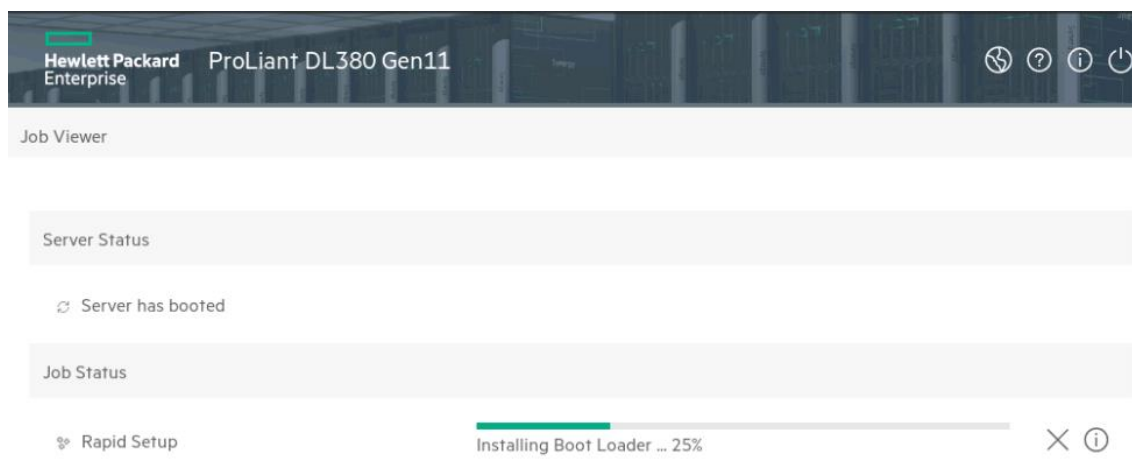
3.3 正在 Verifying Media Source 验证介质源。



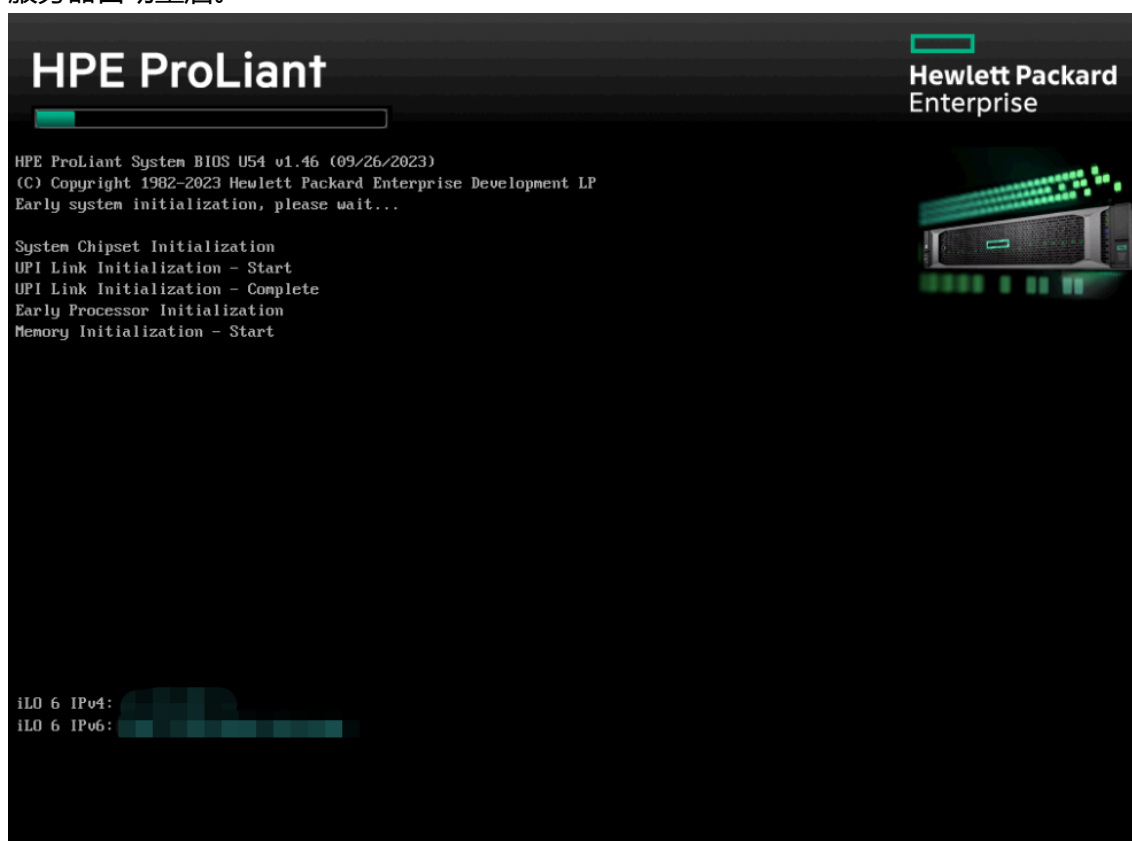
3.4 进入配置界面，提示检测到服务器上已有逻辑卷存在。若已配置好阵列，可直接点击 **Continue** 进行其他设置，继续安装操作系统即可。



3.5 等待完成快速操作系统安装。



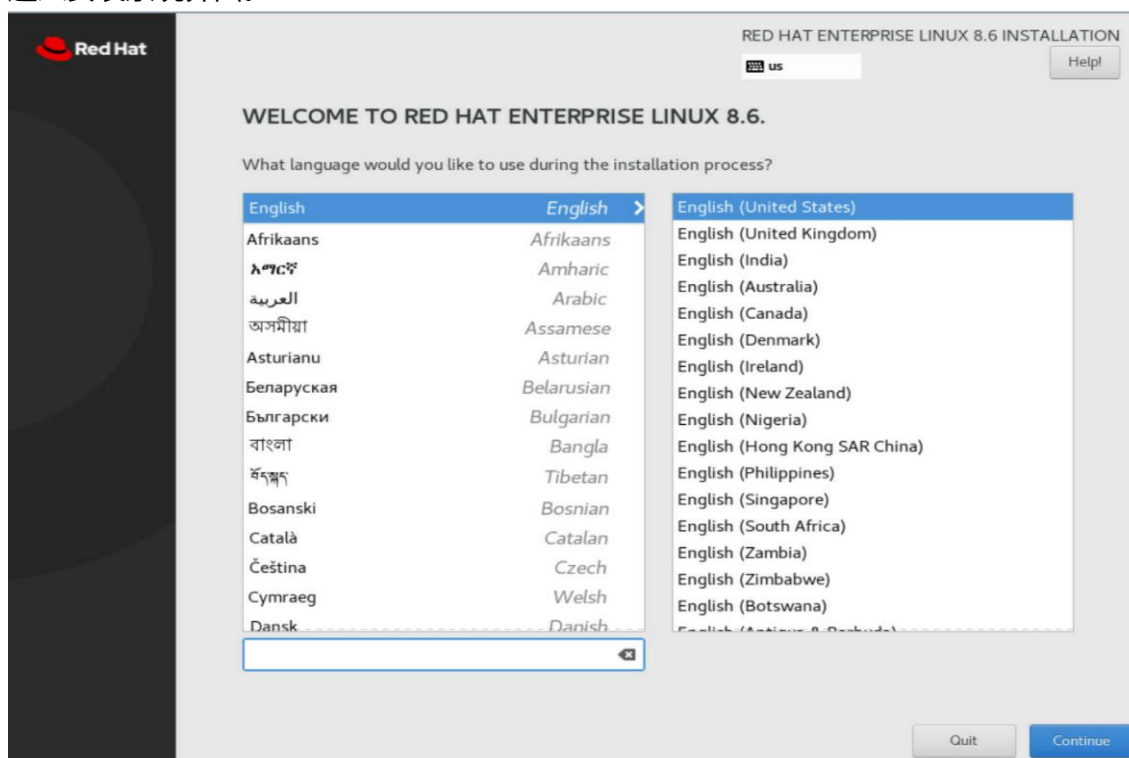
3.6 服务器自动重启。



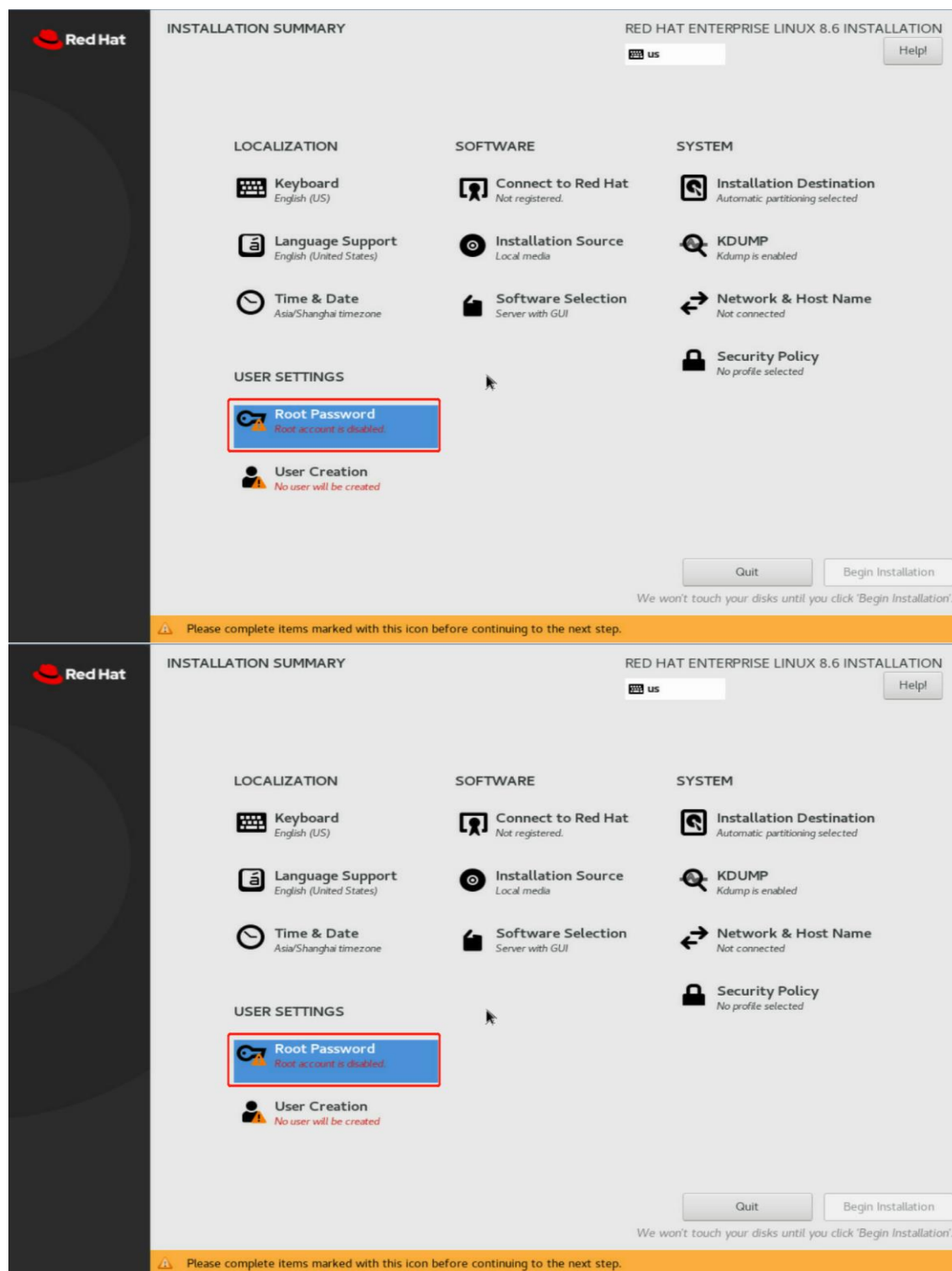
3.7 加载镜像文件。

```
[ OK ] Stopped dracut pre-mount hook.
[ OK ] Stopped target Initrd Default Target.
[ OK ] Stopped target Initrd Root Device.
[ OK ] Stopped target Basic System.
[ OK ] Stopped target Paths.
[ OK ] Stopped target Slices.
[ OK ] Stopped target Sockets.
[ OK ] Stopped target System Initialization.
[ OK ] Stopped Create Volatile Files and Directories.
[ OK ] Stopped target Swap.
[ OK ] Stopped Apply Kernel Variables.
[ OK ] Stopped target Local Encrypted Volumes.
[ OK ] Stopped target Local File Systems.
[ OK ] Stopped target Local File Systems (Pre).
[ OK ] Stopped cancel waiting for multipath siblings of sdd.
[ OK ] Stopped target Remote File Systems.
[ OK ] Stopped target Remote File Systems (Pre).
[ OK ] Stopped dracut initqueue hook.
[ OK ] Stopped Open-iSCSI...
[ OK ] Stopped cancel waiting for multipath siblings of sdh.
[ OK ] Started Setup Virtual Console.
[ OK ] Stopped Open-iSCSI.
[ OK ] Started Cleaning Up and Shutting Down Daemons.
[ OK ] Started Plymouth switch root service.
[ OK ] Stopping Device-Mapper Multipath Device Controller...
[ OK ] Stopping iSCSI UserSpace I/O driver...
[ OK ] Closed Open-iSCSI iscsid Socket.
[ OK ] Stopped iSCSI UserSpace I/O driver.
[ OK ] Closed Open-iSCSI iscsiui Socket.
[ OK ] Stopped Device-Mapper Multipath Device Controller.
[ OK ] Stopped udev Wait for Complete Device Initialization.
[ OK ] Stopped udev Coldplug all Devices.
[ OK ] Stopped dracut pre-trigger hook.
[ OK ] Stopping udev Kernel Device Manager...
[ OK ] Stopped udev Kernel Device Manager.
[ OK ] Stopping Hardware RNG Entropy Gatherer Daemon...
[ OK ] Stopped Create Static Device Nodes in /dev.
[ OK ] Stopped Create list of required static device nodes for the current kernel.
[ OK ] Stopped dracut pre-udev hook.
[ OK ] Stopped dracut cmdline hook.
[ OK ] Closed udev Kernel Socket.
[ OK ] Closed udev Control Socket.
[ OK ] Starting Cleanup udevd DB...
[ OK ] Stopped Hardware RNG Entropy Gatherer Daemon.
[ OK ] Started Cleanup udevd DB.
[ OK ] Reached target Switch Root.
[ OK ] Starting Switch Root...
```

3.8 进入安装系统界面。



3.9 创建用户和密码。



3.10 安装完成后，自动重启进入系统。

