

ESRP-FTS-MIC7700

安装系统

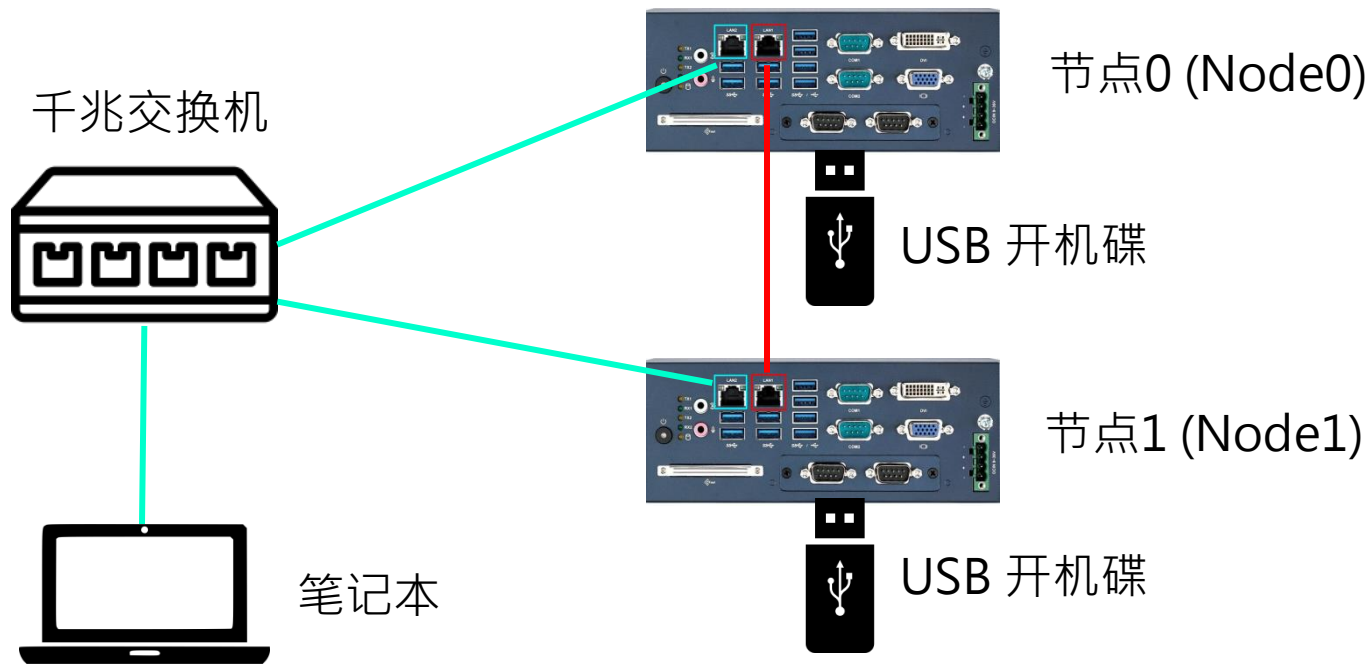
Albert Wang #1833



安装须知

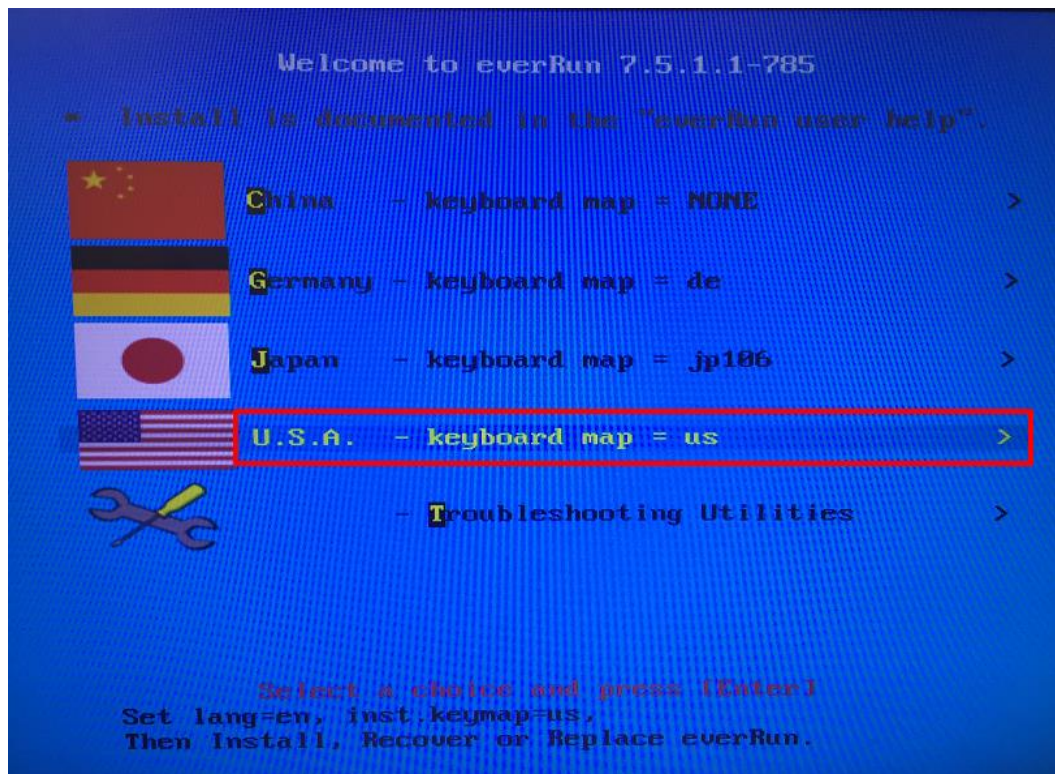
1. 确认网络连接正确(可参照文档“前置作业”)
2. 2台MIC-7700 分为节点0与节点1
3. 设定节点0和节点1之后，同时开始安装

确认网络联机方式正确



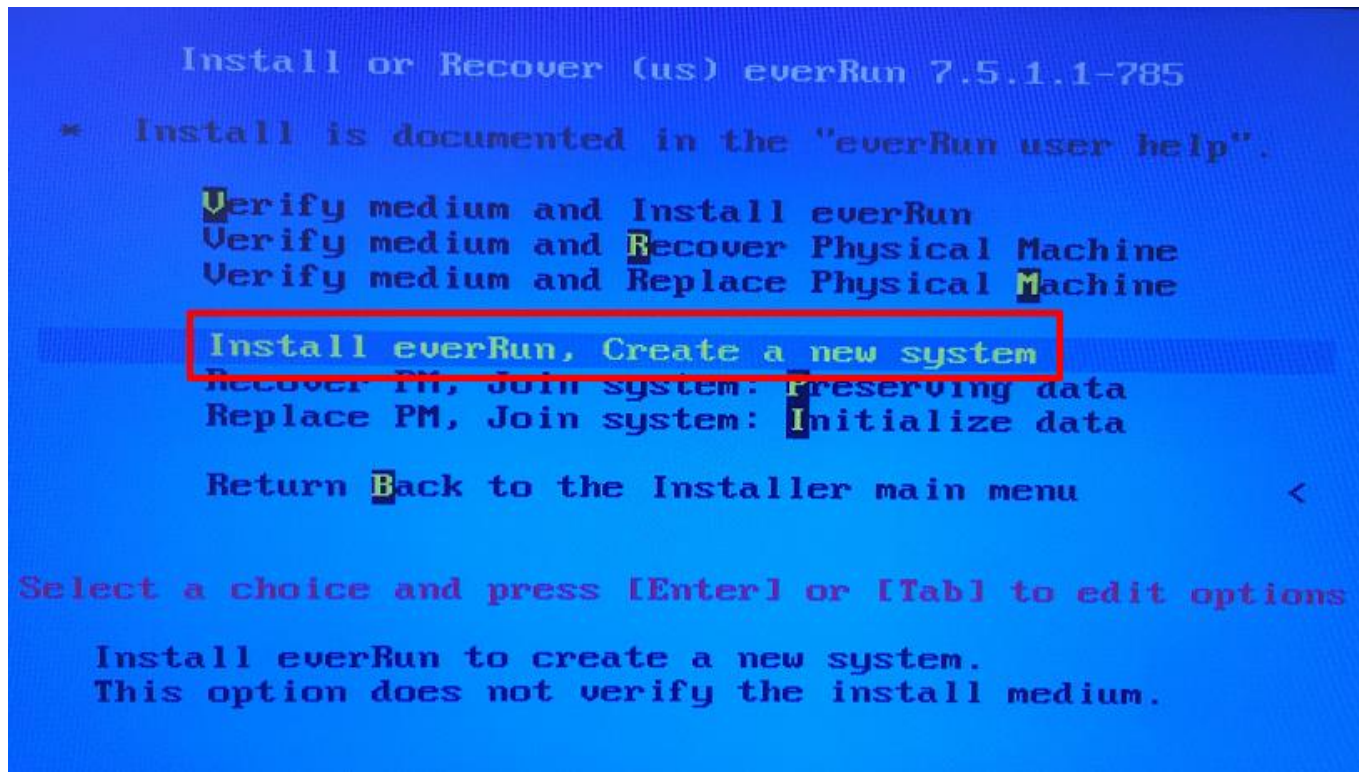
安装节点0 – 键盘模式

USB开机后，选择U.S.A – Keyboard map



安装节点0 – 选择版本

选择“ Install everRun, Create a new system”



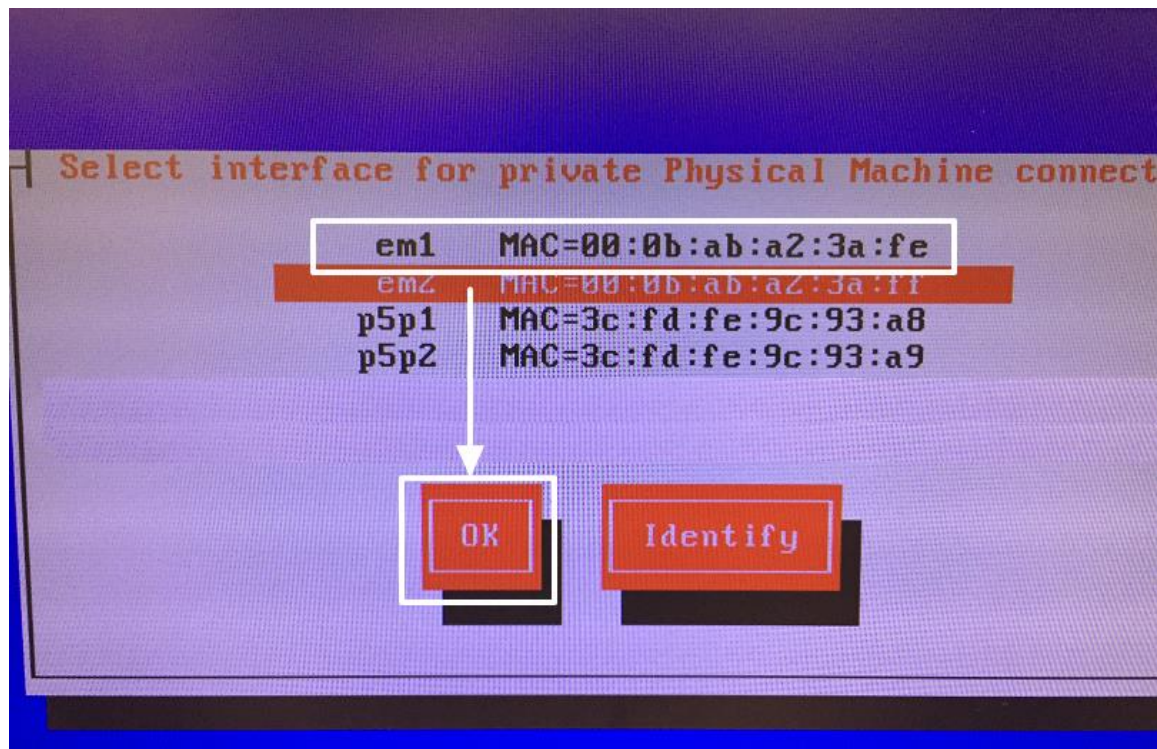
安装节点0 – 检查硬件与兼容性

系统会自动检查硬件有无损坏，约30秒跑完程序

```
Stopping udev Collecting all Devices...
OK 1 Stopped dracut pre-trigger hook.
    Stopping dracut pre-trigger hook...
    Stopping udev Kernel Device Manager...
OK 1 Started Plymouth switch root service.
OK 1 Stopped udev Kernel Device Manager.
OK 1 Stopped Create Static Device Nodes in /dev.
    Stopping Create Static Device Nodes in /dev...
OK 1 Stopped Create list of required sta...ce nodes for the d
    Stopping Create list of required st... nodes for the cur
OK 1 Stopped dracut pre-udev hook.
    Stopping dracut pre-udev hook...
OK 1 Stopped dracut cmdline hook.
    Stopping dracut cmdline hook...
OK 1 Closed udev Kernel Socket.
OK 1 Closed udev Control Socket.
    Starting Cleanup udevd DB...
OK 1 Started Cleanup udevd DB.
OK 1 Reached target Switch Root.
    Starting Switch Root...
16.134806] systemd-journald[206]: Received SIGTERM from PID 1
16.819758] type=1403 audit(1549931072.056:2): policy loaded a
s=4294967295
16.833531] systemd[1]: Successfully loaded SELinux policy in 2
```

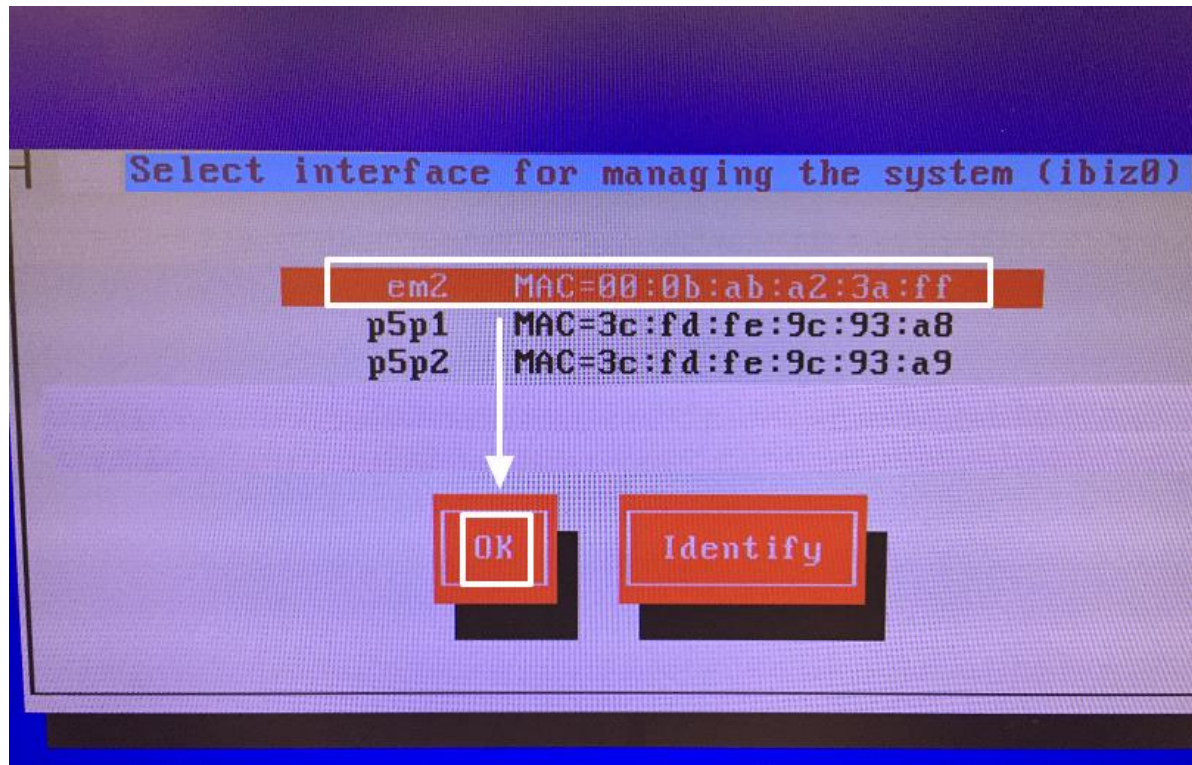
安装节点0 – 设定心跳线

选择em1 → 按Tab键移动至“ OK” → Enter



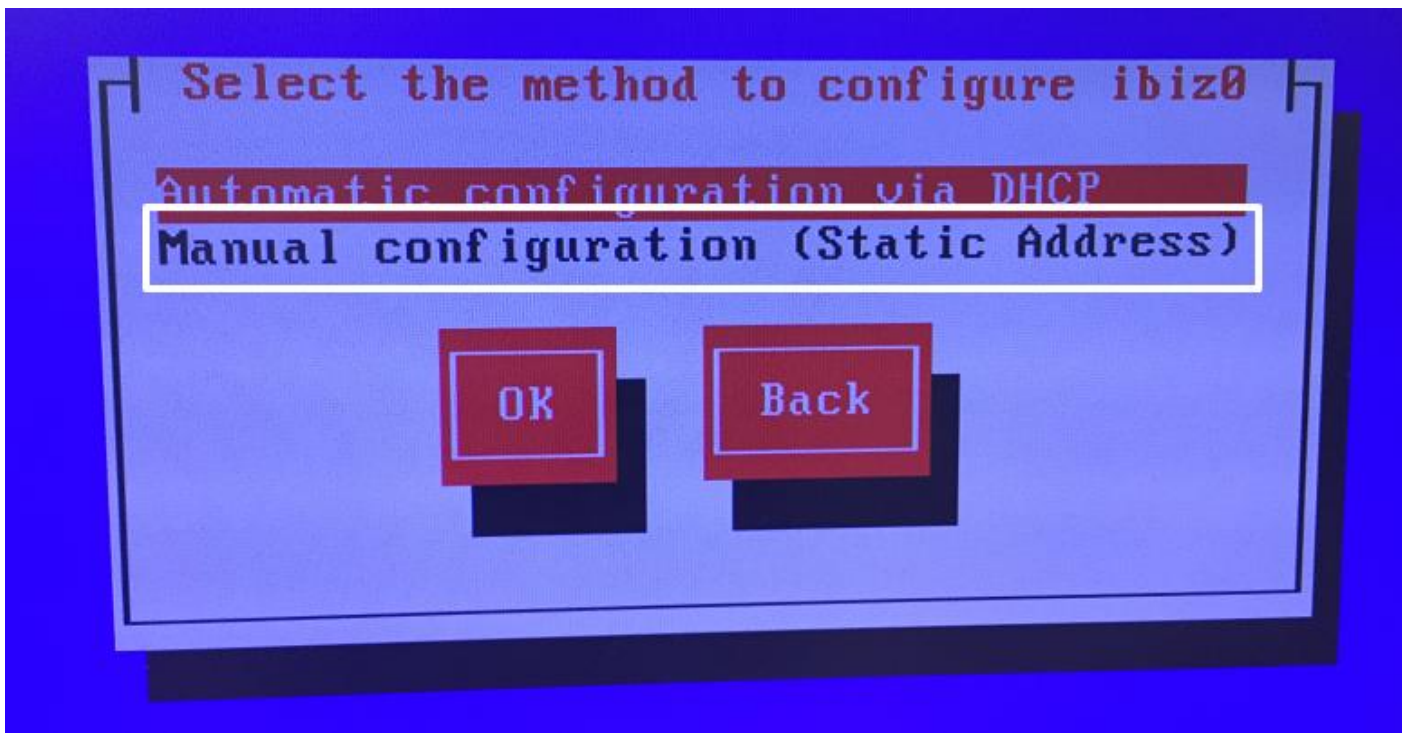
安装节点0 – 设定控制台网口

选择em2 → 按Tab键移动至“ OK” → Enter



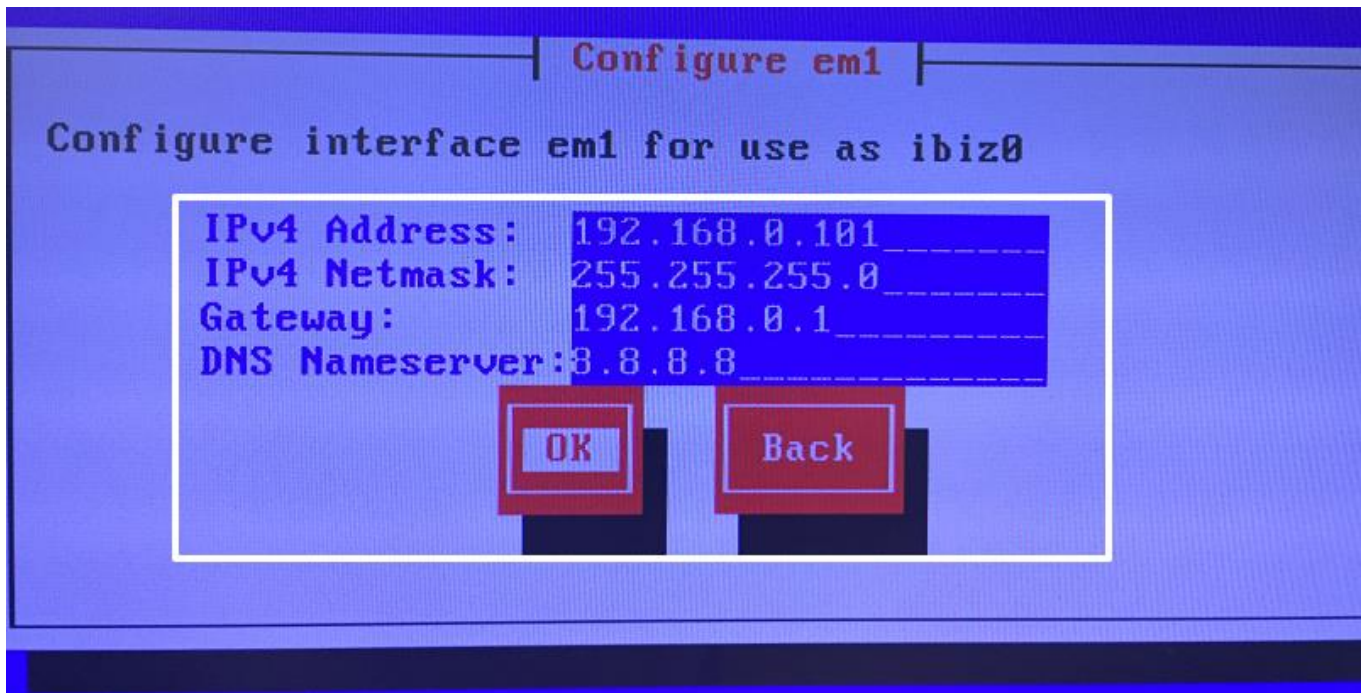
安装节点0 – 选择固定IP

选择Manual configuration → 按Tab键移动至“ OK” → Enter



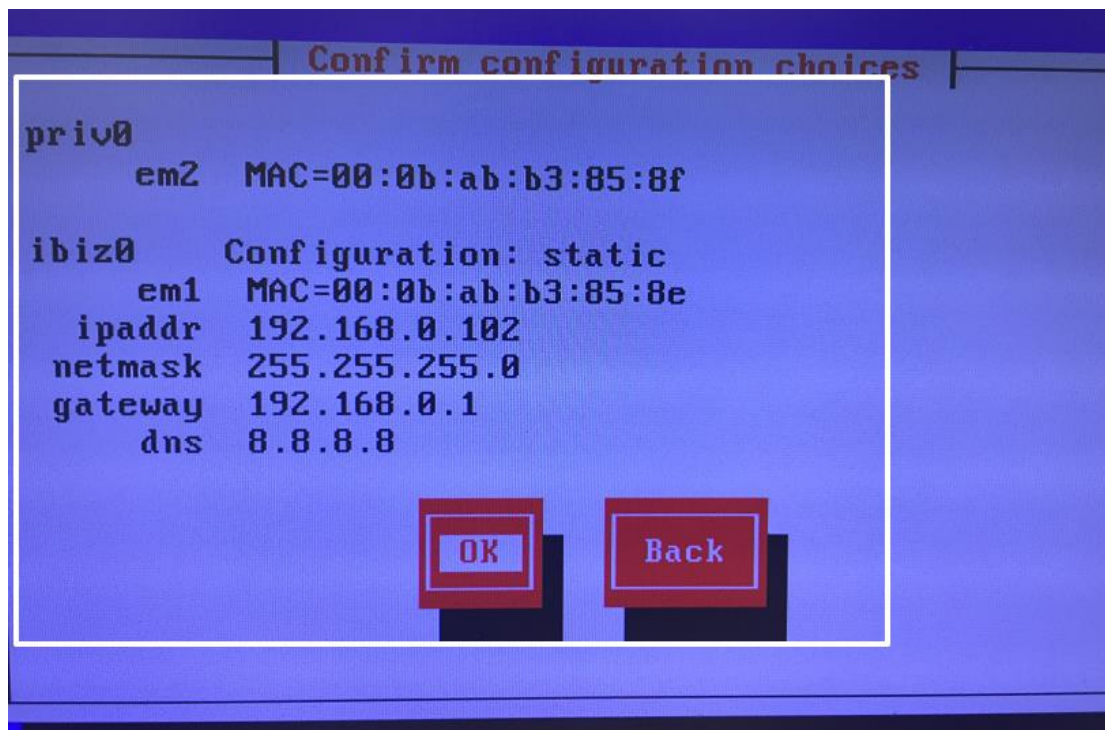
安装节点0 – 设定IP地址

IP Address: 192.168.0.101, Netmask: 255.255.255.0
Gateway: 192.168.0.1, DNS: 8.8.8.8



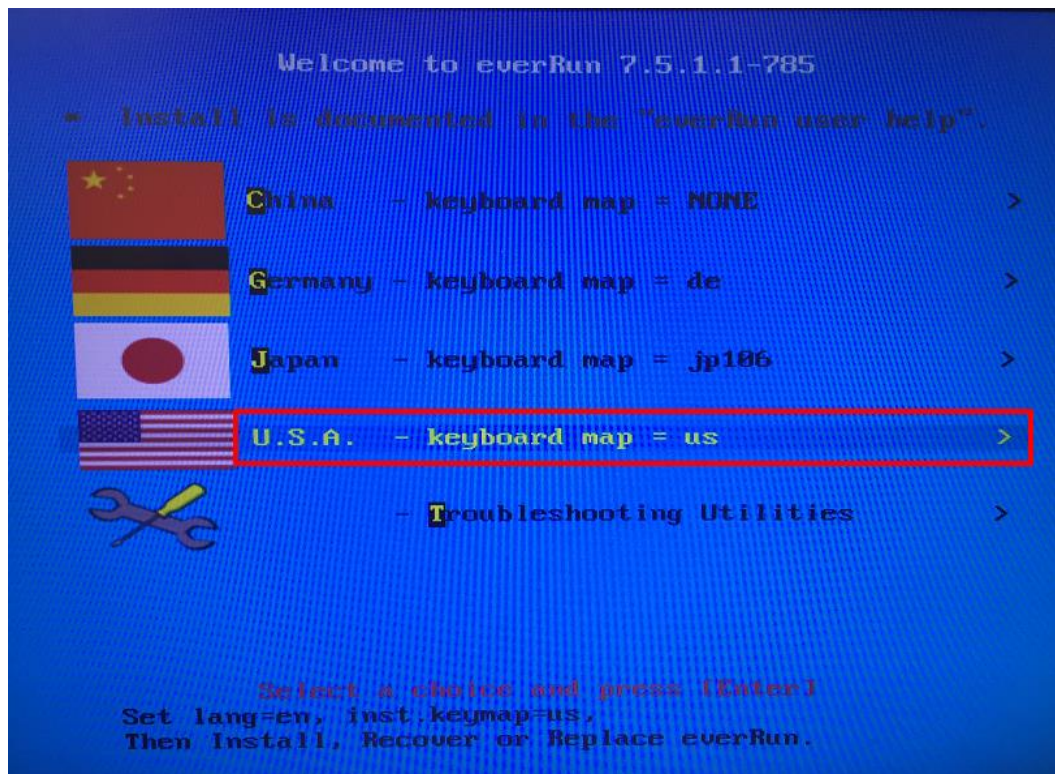
安装节点0 – 确认设定无误

停留在此画面，等候节点1安装



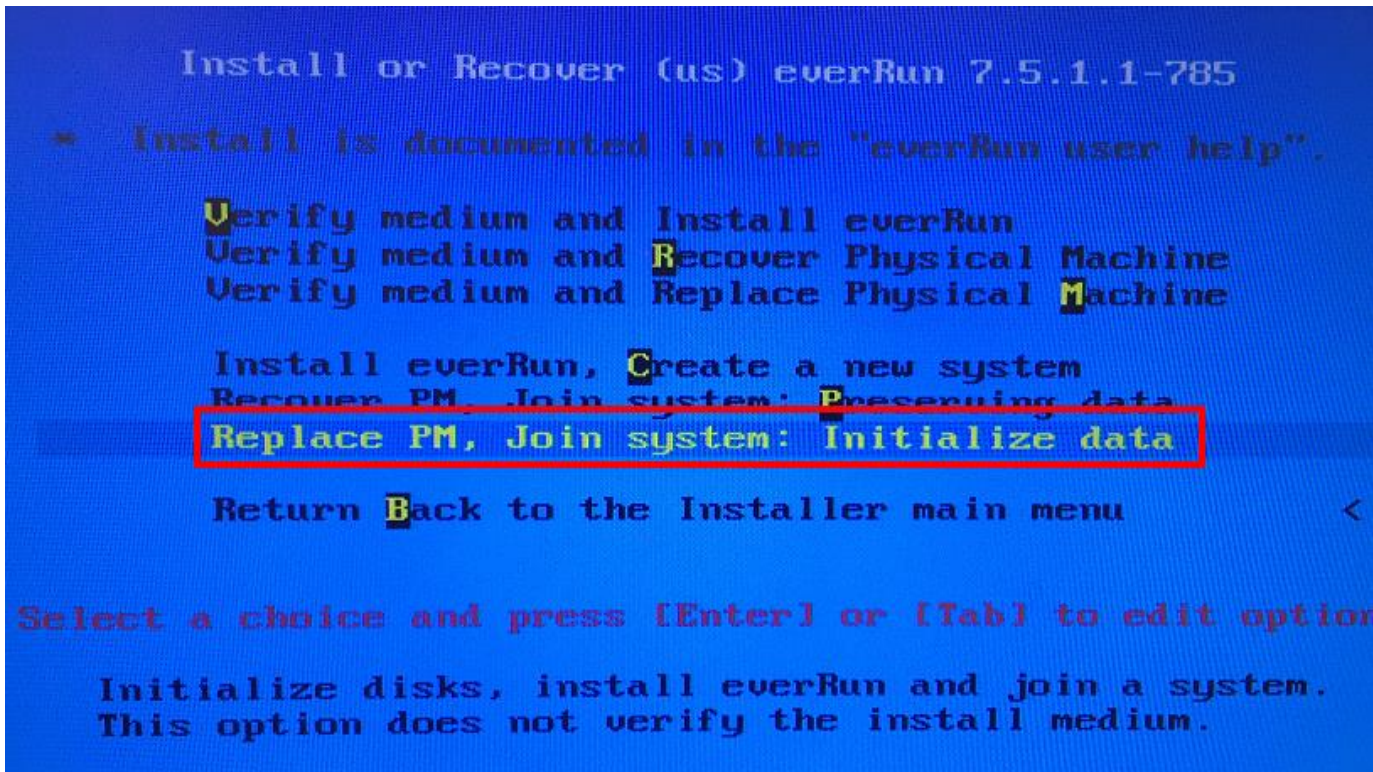
安装节点1 – 键盘模式

USB开机后，选择U.S.A – Keyboard map



安装节点1 – 选择版本

选择“ Replace PM, Join system: Initialize data”



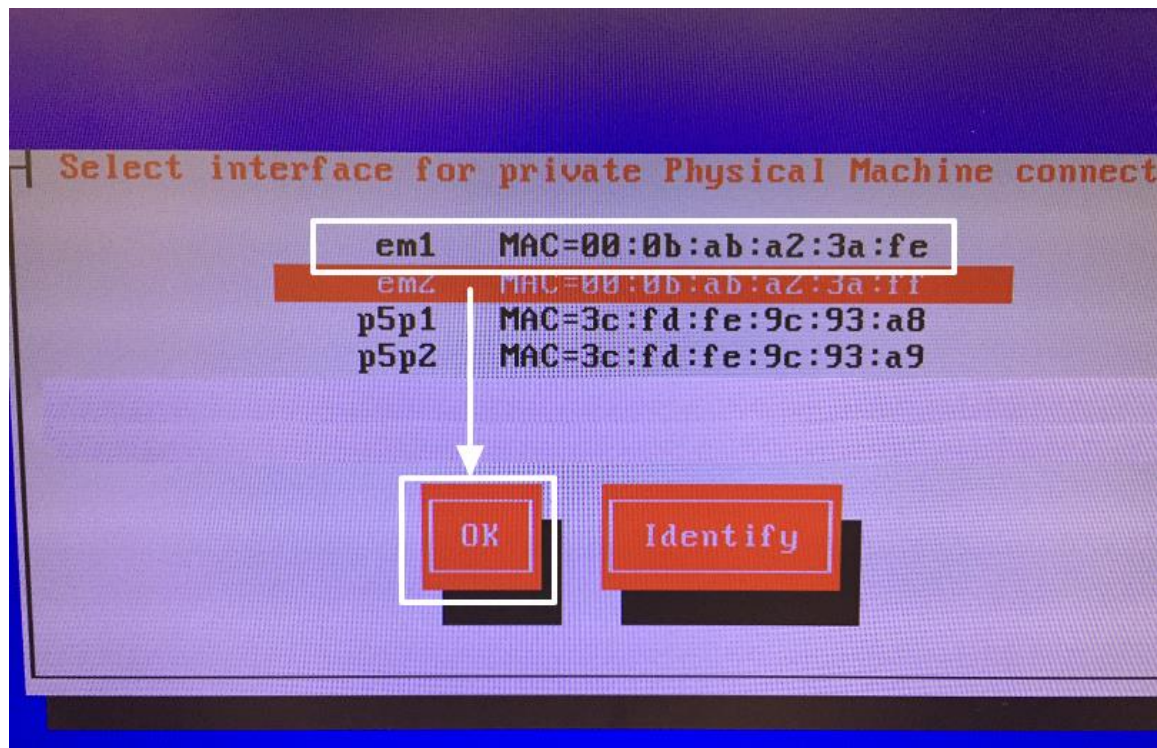
安装节点1 – 检查硬件与兼容性

系统会自动检查硬件有无损坏，约30秒跑完程序

```
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    Stopping udev Kernel Device Manager...
OK 1 Started Plymouth switch root service.
OK 1 Stopped udev Kernel Device Manager.
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    Stopping dracut cmdline hook...
OK 1 Closed udev Kernel Socket.
OK 1 Closed udev Control Socket.
    Starting Cleanup udevd DB...
OK 1 Started Cleanup udevd DB.
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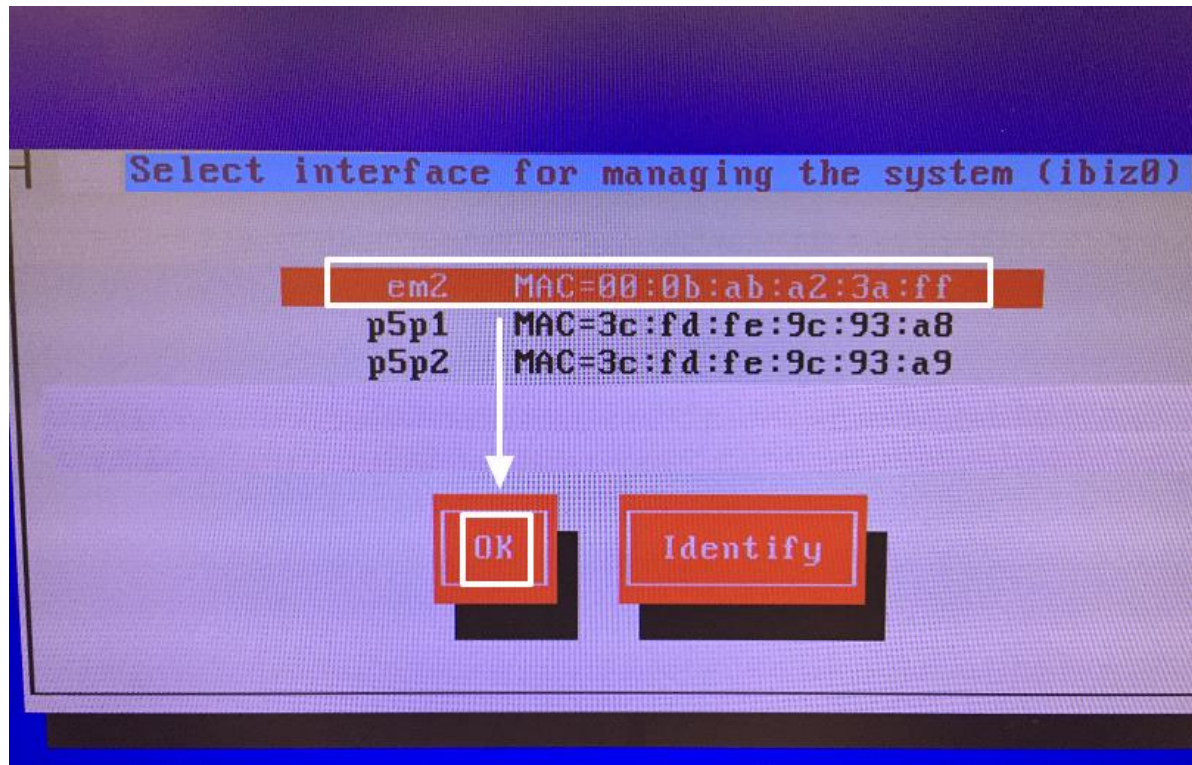
安装节点1 – 设定心跳线

选择em1 → 按Tab键移动至“ OK” → Enter



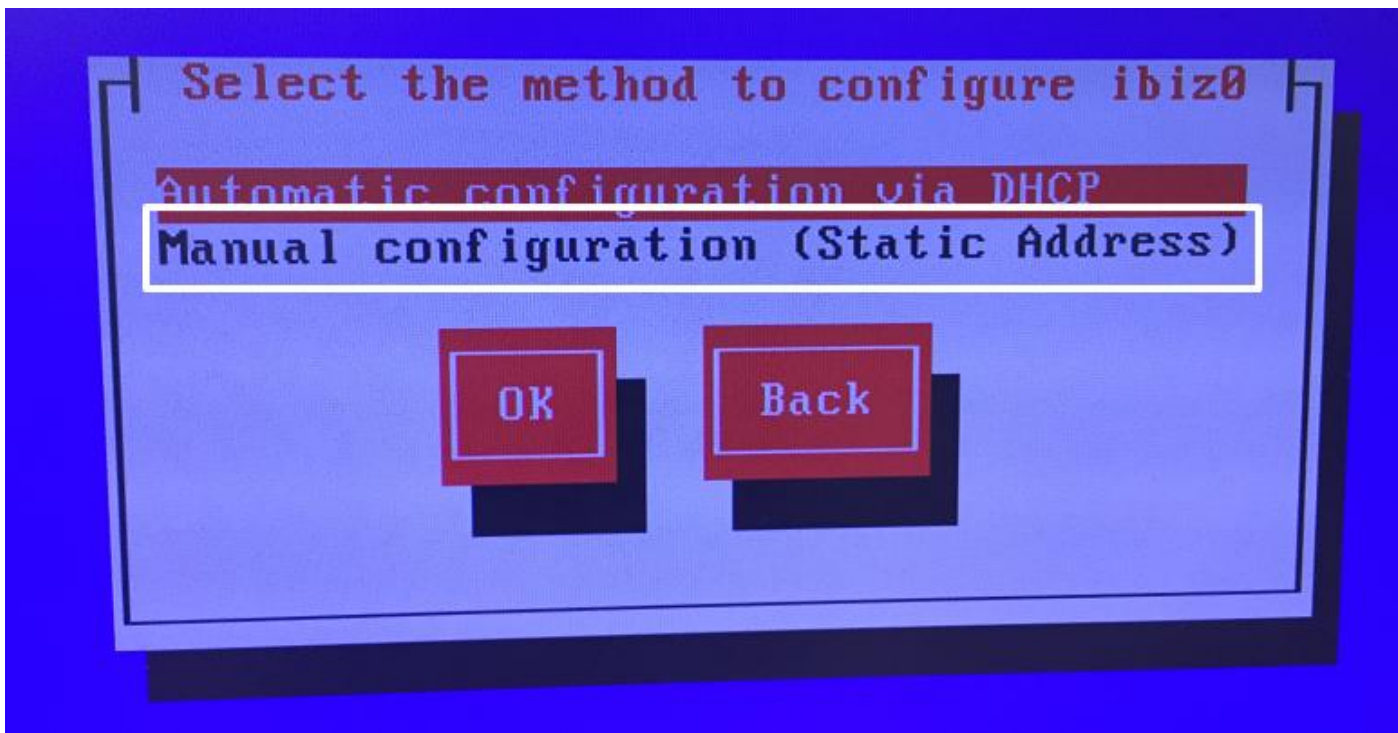
安装节点1 – 设定控制台网口

选择em2 → 按Tab键移动至“ OK” → Enter



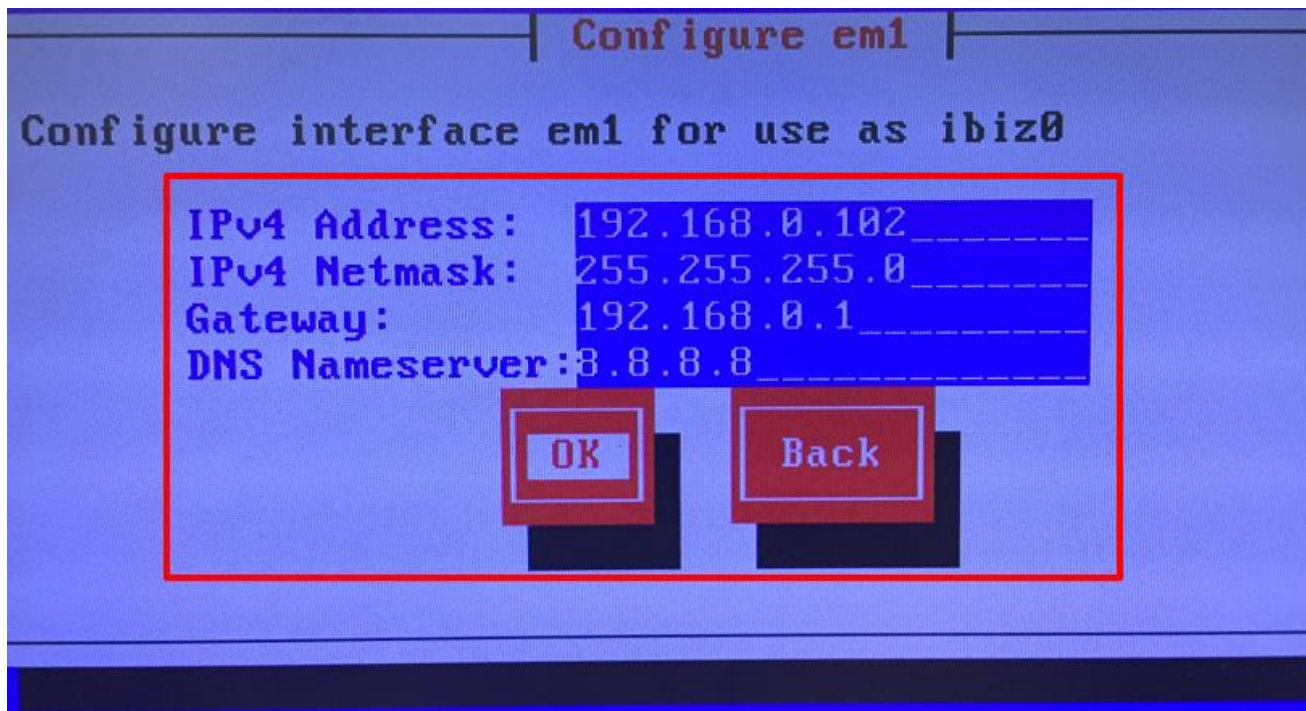
安装节点1 – 选择固定IP

选择Manual configuration → 按Tab键移动至“ OK” → Enter



安装节点1 – 设定IP地址

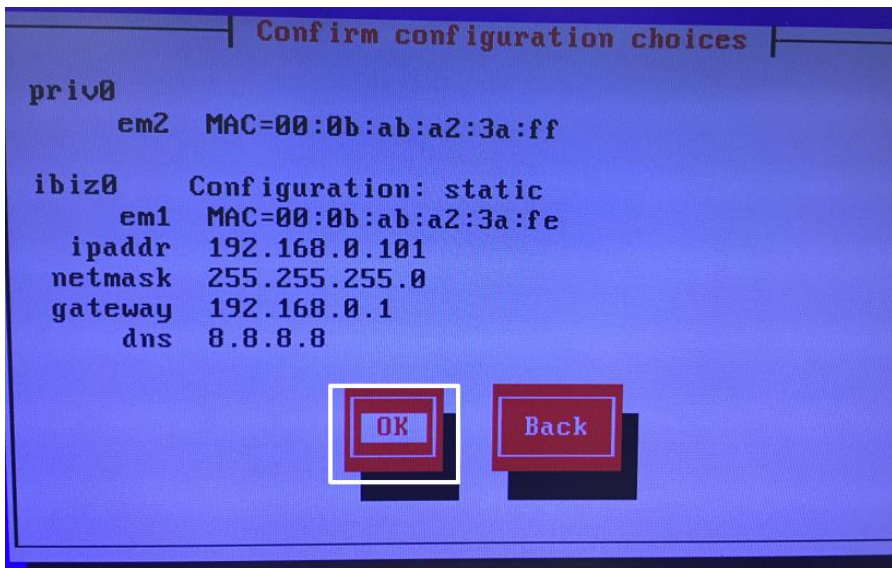
IP Address: 192.168.0.102, Netmask: 255.255.255.0
Gateway: 192.168.0.1, DNS: 8.8.8.8



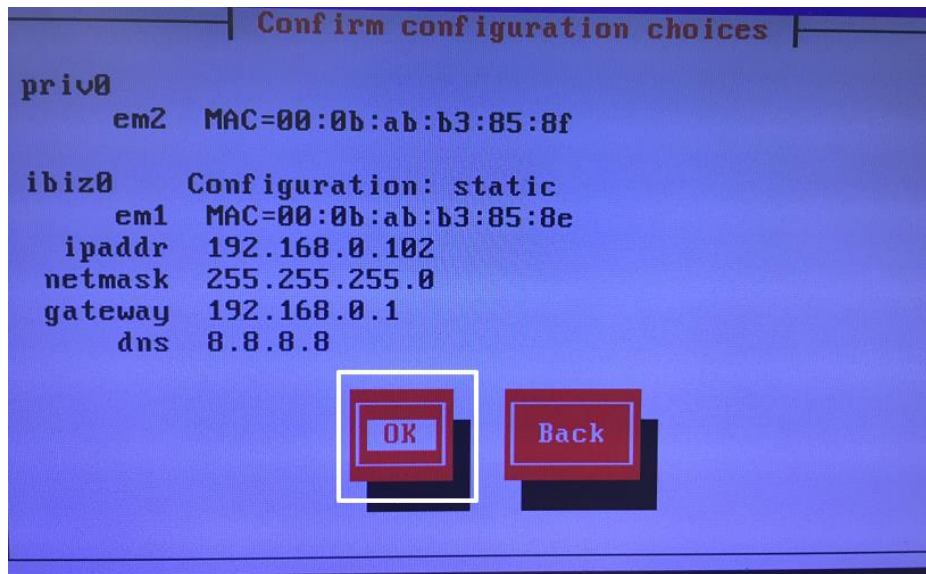
安装节点1 – 确认设定无误

节点0和节点1可按下OK，开始安装

(节点0)

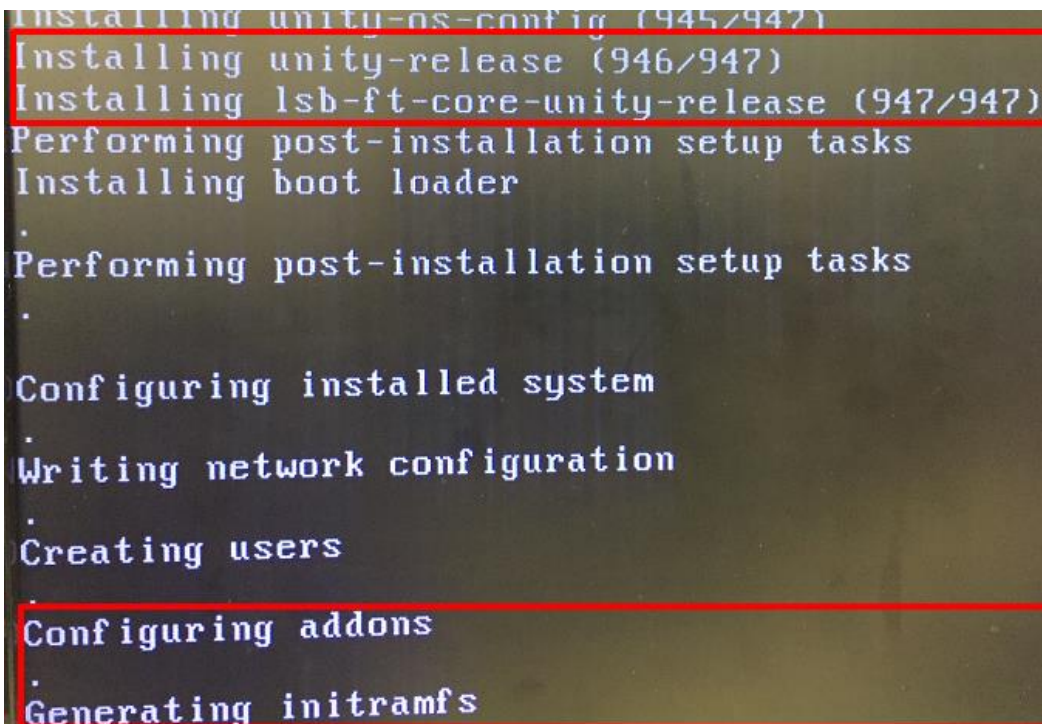


(节点1)



ESRP容错系统 – 开始安装

共有947个套件，安装完成后**自动重新开机**(过程约30分钟)。

A terminal window showing the installation progress of ESRP. The text is displayed in a monospaced font on a dark background. Two red rectangular boxes highlight specific sections of the output. The first box highlights the installation of the last three packages: 'Installing unity-release (946/947)', 'Installing lsb-ft-core-unity-release (947/947)', and 'Performing post-installation setup tasks'. The second box highlights the final configuration steps: 'Configuring addons' and 'Generating initramfs'.

```
Installing unity-release (946/947)
Installing lsb-ft-core-unity-release (947/947)
Performing post-installation setup tasks
Installing boot loader
.
Performing post-installation setup tasks
.
Configuring installed system
.
Writing network configuration
.
Creating users
.
Configuring addons
.
Generating initramfs
```

节点0 – 安装完成

自动重新启动后，显示192.168.0.101

```
everRun
```

```
IPv4 address 192.168.0.101
```

```
IPv6 address fe80::20b:abff:fea2:3afe
```

```
localhost login: _
```

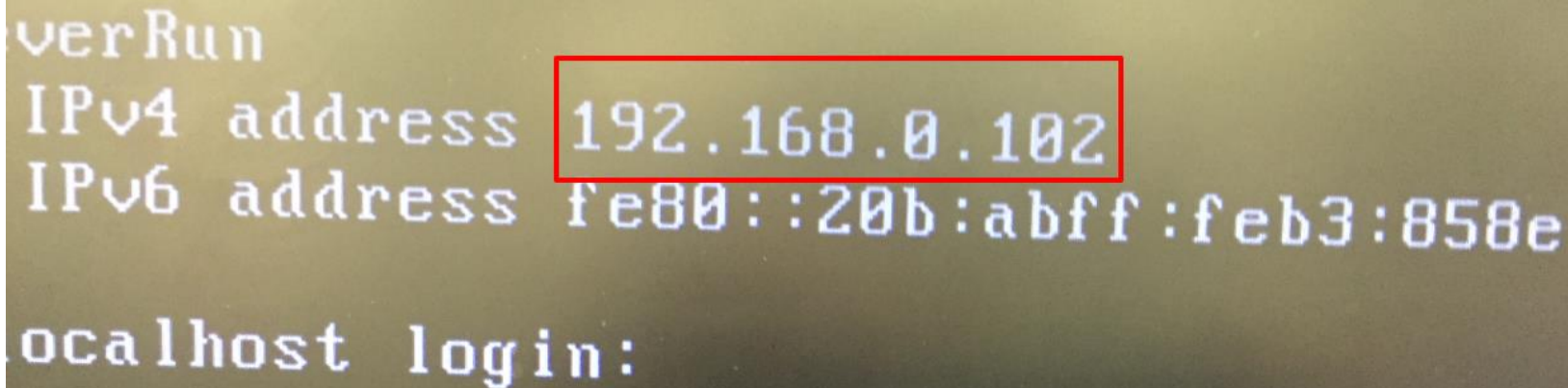

节点0 – 加载程序

约10分钟后，自动出现“ File exists” 即代表载入完成

```
etc/sysconfig/network-scripts/ifcfg-p5p2 already has co
gs.
etc/sysconfig/network-scripts/ifcfg-p5p3 already has co
gs.
etc/sysconfig/network-scripts/ifcfg-p5p4 already has co
gs.
etc/sysconfig/network-scripts/ifcfg-priv0 already has co
ngs.
letCfg sees priv0 as the internal interface.
letCfg sees biz0 as the portal interface.
letCfg sees priv0 as a dendrite interface.
letCfg sees biz0 as a dendrite interface.
letCfg sees priv0 as a hoard interface.
letCfg sees biz0 as a hoard interface.
letCfg sees priv0 as the power interface.
priv0 is already in priv0.
RTNETLINK answers: File exists
```

节点1 – 安装完成

自动重新启动后，显示192.168.0.102

A photograph of a computer screen displaying a terminal window. The text in the terminal is as follows:
verRun
IPv4 address 192.168.0.102
IPv6 address fe80::20b:abff:feb3:858e
localhost login:
The IP address 192.168.0.102 is highlighted with a red rectangular box.

```
verRun  
IPv4 address 192.168.0.102  
IPv6 address fe80::20b:abff:feb3:858e  
localhost login:
```

节点1 – 加载程序 (时间较久)

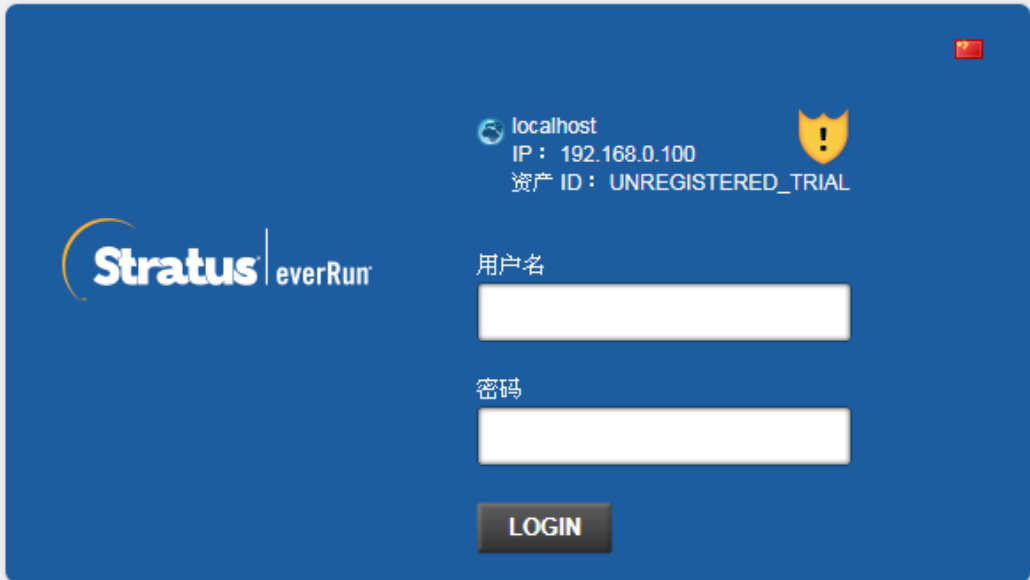
约40分钟后，自动出现“ File exists” 即代表载入完成

```
etc/sysconfig/network-scripts/ifcfg-p5p2 already has co
gs.
etc/sysconfig/network-scripts/ifcfg-p5p3 already has co
gs.
etc/sysconfig/network-scripts/ifcfg-p5p4 already has co
gs.
etc/sysconfig/network-scripts/ifcfg-priv0 already has co
ngs.
letCfg sees priv0 as the internal interface.
letCfg sees biz0 as the portal interface.
letCfg sees priv0 as a dendrite interface.
letCfg sees biz0 as a dendrite interface.
letCfg sees priv0 as a hoard interface.
letCfg sees biz0 as a hoard interface.
letCfg sees priv0 as the power interface.
priv0 is already in priv0.
RTNETLINK answers: File exists
```

联机系统: 必须等候节点0/1加载程序

开启网页浏览器，输入192.168.0.101

账户/密码: admin/admin



The image shows the login page of the Stratus everRun system. The background is blue. On the left is the Stratus everRun logo. On the right, it displays system information: 'localhost', 'IP: 192.168.0.100', and '资产 ID: UNREGISTERED_TRIAL' next to a yellow shield icon with an exclamation mark. Below this is a login form with two white input fields labeled '用户名' (Username) and '密码' (Password). A dark grey 'LOGIN' button is at the bottom of the form. At the very bottom of the page, there are links for '新用户默认登录?' (New user default login?) and 'EULA'.

localhost
IP: 192.168.0.100
资产 ID: UNREGISTERED_TRIAL

Stratus | everRun

用户名

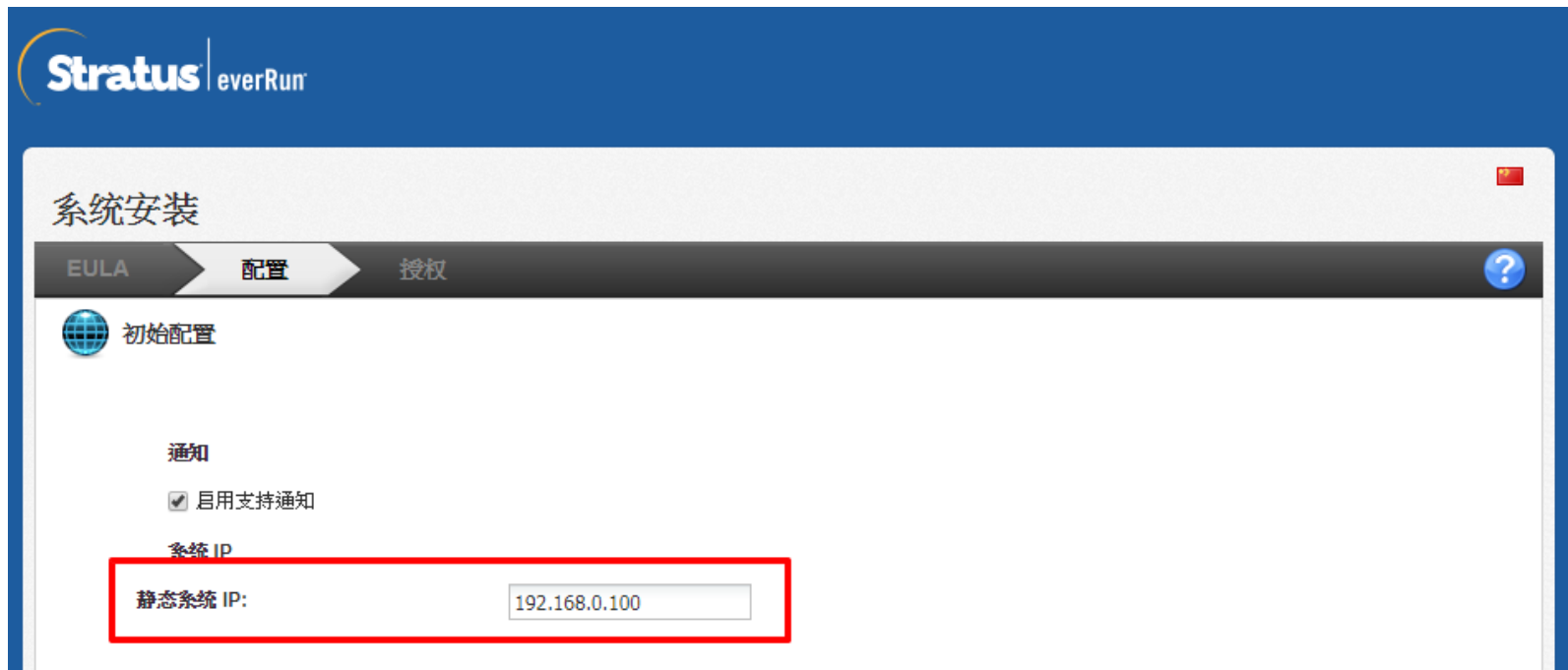
密码

LOGIN

新用户默认登录? EULA

设置系统IP

静态系统IP: 192.168.0.100 → 继续



The image shows a screenshot of the Stratus everRun system installation configuration window. The window has a blue header with the Stratus everRun logo. Below the header, there is a navigation bar with three tabs: "EULA", "配置" (Configuration), and "授权" (Authorization). The "配置" tab is currently selected. The main content area is titled "系统安装" (System Installation) and contains a "初始配置" (Initial Configuration) section. Under this section, there is a "通知" (Notification) area with a checkbox labeled "启用支持通知" (Enable support notification) which is checked. Below the notification area, there is a "系统 IP" (System IP) section. This section contains a label "静态系统 IP:" (Static system IP:) and a text input field containing the IP address "192.168.0.100". The entire "静态系统 IP:" section is highlighted with a red rectangular border. In the bottom right corner of the window, there is a small red square icon and a blue question mark icon.

Stratus | everRun

系统安装

EULA 配置 授权

初始配置

通知

☒ 启用支持通知

系统 IP

静态系统 IP: 192.168.0.100

ADVANTECH

上传30天试用授权

下载试用授权并解压缩

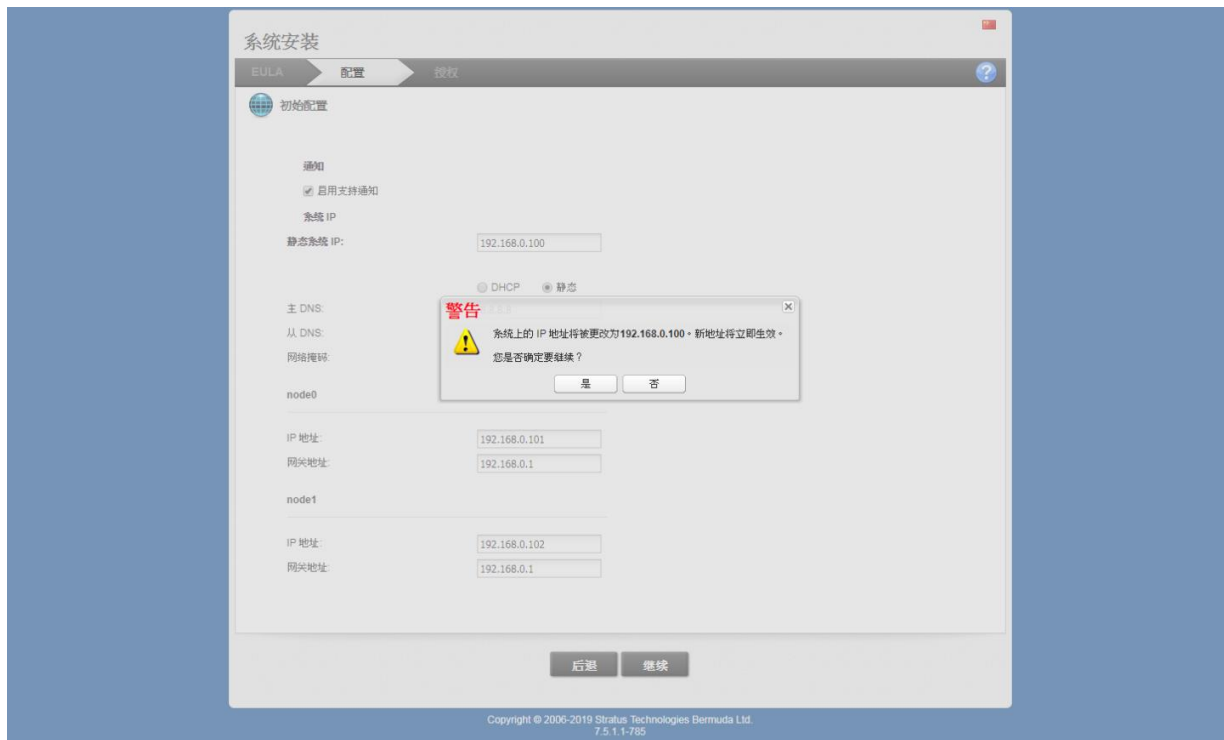


eE_UNTRACKED_TRIAL_A.zip



重新整理网页

约1分钟自动跳转，若无跳转则手动输入192.168.0.100



登入系统首页

移至“物理机”页面

The screenshot shows the Stratus everRun system management interface. The top header bar includes the Stratus everRun logo, system information (IP: 192.168.0.100, Version: 7.5.1.1-785, Enterprise Edition), and a license status (UNREGISTERED TRIAL) with a 29-day 6-hour trial period. The left sidebar contains navigation options: 系统 (System), 仪表盘 (Dashboard), 系统 (System), 首选项 (Preferences), 警报与日志 (Alerts and Logs), 资源 (Resources), 物理机 (Physical Machine), 虚拟机 (Virtual Machine), 快照 (Snapshot), 卷 (Volume), 存储组 (Storage Group), 网络 (Network), 虚拟 CD (Virtual CD), 库 (Library), 升级套件 (Upgrade Kit), and 用户与组 (Users and Groups). The main content area is titled '仪表盘' (Dashboard) and features a diagram of a system with two nodes (node0 and node1) connected to a central cloud. A message box indicates that the current installation is a temporary license that will expire in 30 days. Below the diagram, there is a table with columns '全部' (All), '系统' (System), '已忽略' (Ignored), '组件' (Component), and '描述' (Description). The table lists the system components, including the IP address 192.168.0.100 and the description '当前安装的授权为临时授权，其将到期。' (Current installation license is temporary, it will expire).

Stratus everRun

192.168.0.100
IP: 192.168.0.100 | 资产 ID: UNREGISTERED TRIAL
版本: 7.5.1.1-785
Enterprise Edition

授权到期日期
29 天 6 小时
查看授权

信息警报
仪表盘

系统

仪表盘

系统

首选项

警报与日志

警报历史记录

审核日志

支持日志

资源

物理机

虚拟机

快照

卷

存储组

网络

虚拟 CD

库

升级套件

用户与组

虚拟机

系统

node0

node1

192.168.0.100

当前安装的授权为临时授权，其将到期。

针对您系统的内置授权为临时试用授权，其有效期自安装之日开始仅为 30 天。

全部 系统 已忽略

组件	描述
192.168.0.100	当前安装的授权为临时授权，其将到期。

关闭节点1

点选node1 (节点1)

The screenshot displays the Stratus everRun management console. The top header bar includes the Stratus logo, IP address (192.168.0.100), version (7.5.1.1-785), and license status (UNREGISTERED TRIAL). It also shows a license expiration date of 29 days and 6 hours, and a link to view the license. The left sidebar contains navigation menus for System (系统), Alerts and Logs (警报与日志), Resources (资源), and Library (库). The main content area is titled '物理机' (Physical Machine) and shows a list of nodes. Node 1 is highlighted with a red box. Below the list, the details for node1 are shown, including its status (Running), configuration (1 x Genuine Intel(R) CPU @ 2.00GHz, 63.9 GB memory), and storage (2 logical disks with 1.3 TB space).

Stratus everRun

192.168.0.100
IP: 192.168.0.100 | 资产 ID: UNREGISTERED TRIAL
版本: 7.5.1.1-785
Enterprise Edition

授权到期日期
29天6小时
查看授权

信息警报
仪表盘

系统

- 仪表盘
- 系统
- 首选项

警报与日志

- 警报历史记录
- 审核日志
- 支持日志

资源

- 物理机
- 虚拟机
- 快照
- 卷
- 存储组
- 网络
- 虚拟 CD

库

- 升级套件
- 用户与组

物理机

状态	活动	名称
✓	▶ 正在运行	node0 (主)
✓	▶ 正在运行	node1

node1

摘要 描述 存储 网络 虚拟机 USB 设备

制造商	Default string
型号	Default string
序列号	Default string
总体状态	✓ 很好
活动	▶ 正在运行
配置	1 x Genuine Intel(R) CPU @ 2.00GHz
	63.9 GB内存
	总共具有 1.3 TB空间的 2 逻辑磁盘

关闭节点1

点选node1 (节点1) → 维护模式

The screenshot displays a management console for physical machines. At the top, a table lists the machines:

状态	活动	名称	型号	VM 数
✓	▶ 正在运行	node0 (主)	Default string	0
✓	▶ 正在运行	node1	Default string	0

The row for 'node1' is highlighted with a red box. A red arrow points from this box to the '维护模式' (Maintenance Mode) button in the 'node1' detail panel. The detail panel for 'node1' shows various tabs (Summary, Description, Storage, Network, Virtual Machine, USB Devices) and a list of properties:

- 制造商: Default string
- 型号: Default string
- 序列号: Default string
- 总体状态: 很好 (with a green checkmark icon)
- 活动: 正在运行 (with a blue play icon)
- 配置: 63.9 GB内存
- 1 x Genuine Intel(R) CPU @ 2.00GHz
- 总共具有 1.3 TB空间的 2 逻辑磁盘

In the bottom right corner of the 'node1' panel, there is a row of action buttons: '维护模式' (highlighted with a red box), '退出维护' (Exit Maintenance), '关闭' (Close), '重启' (Restart), and '恢复' (Recover).

关闭节点0

确认node0 (节点1)状态为“ 维护中” → 关闭

The screenshot displays a management console for physical machines. At the top, a table lists the machines:

状态	活动	名称	型号	VM 数
正在运行		node0 (主)	Default string	0
正在停止 (维护中)		node1	Default string	0

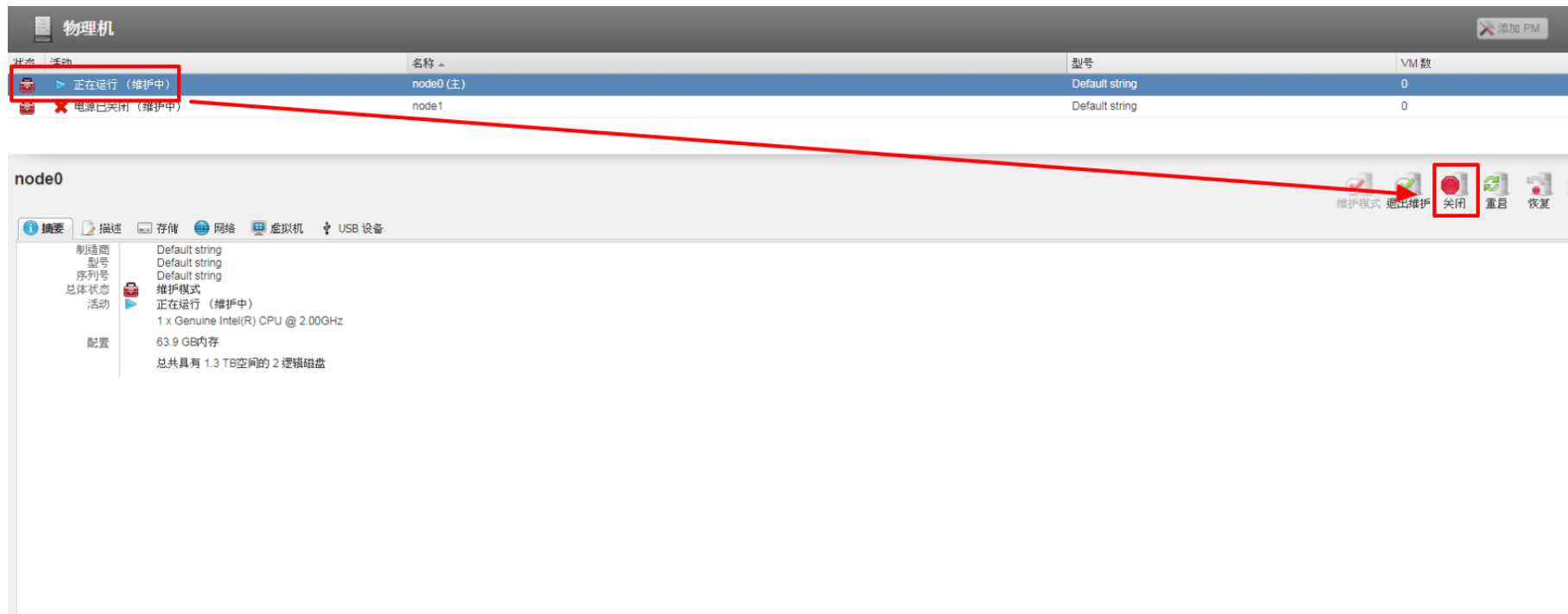
Below the table, the details for 'node0' are shown. The '摘要' (Summary) tab is active, displaying:

- 制造商: Default string
- 型号: Default string
- 序列号: Default string
- 总体状态: 警告
- 活动: 正在运行
- 配置: 1 x Genuine Intel(R) CPU @ 2.00GHz, 63.9 GB内存, 总共具有 1.3 TB空间的 2 逻辑磁盘

On the right side of the node0 details panel, there is a row of action buttons: '维护模式' (Maintenance Mode), '退出维护' (Exit Maintenance), '关闭' (Close), '重启' (Restart), and '恢复' (Recover). A red arrow points from the '正在运行' status in the table to the '维护模式' button.

关闭节点0

确认node0 (节点1)状态为“ 维护中” → 关闭



系统关机

约3-5分钟显示失去通信与硬盘灯号熄灭后，即代表关机完成

The screenshot displays the NTECH management console. At the top, a blue header bar contains system information: IP 192.168.0.100, Asset ID UNREGISTERED_TRIAL, and version 7.5.1.1-785 Enterprise Edition. It also shows a license expiration date of 16 days and 2 hours. A red box highlights a 'Lost Communication' warning icon and text. Below the header, a table lists physical machines (物理机) with columns for status, activity, name, model, and VM count. Two nodes, node0 and node1, are shown in a 'Stopping' state. The bottom section provides a detailed view of node0, including its configuration (1x Intel CPU @ 2.00GHz, 63.9GB RAM, 1.3TB storage) and various management buttons like 'Maintenance Mode', 'Exit Maintenance', 'Close', 'Refresh', and 'Recovery'.

192.168.0.100
IP: 192.168.0.100 | 资产 ID: UNREGISTERED_TRIAL
版本: 7.5.1.1-785
Enterprise Edition

授权到期日期
16 天 2 小时
查看授权

次要警报
仪表盘

失去通信
正在显示来自
上次已知状态的信息

物理机

状态	活动	名称	型号	VM 数
正在停止 (维护中)		node0 (主)	Default string	0
正在停止 (维护中)		node1	Default string	0

node0

维护模式 退出维护 关闭 重启 恢复

摘要 描述 存储 网络 虚拟机 USB 设备

制造商: Default string
型号: Default string
序列号: Default string
总体状态: 维护模式 (忙碌)
活动: 正在停止 (维护中)
配置: 1 x Genuine Intel(R) CPU @ 2.00GHz
63.9 GB内存
总共具有 1.3 TB空间的 2 逻辑磁盘

*Go Together,
We Go Far and Grow Big*

