Manuals+ — User Manuals Simplified.

DATAPATH SRV2 Aetria Network Manager Server User Guide

Contents

DATAPATH SRV2 Aetria Network Manager Server

Product Information

Specifications

- **Model:** Aetria Network Manager Server
- **Available Models**: Aetria-SRV1 (for Aetria-LIC-UNL), Aetria-SRV2 (for Aetria-LIC-VSN)
- **Power:** Mains power cable (2 for Aetria-SRV1)
- **Front Panel**: 1 x Front Panel cover with key, 1 x Keyboard
- **User Documentation:** Included

Product Usage Instructions

Aetria Network Manager Server Rear Panel

1. **Ethernet Port** 1: Connect to the corporate network
2. **Ethernet Port 2**: Connect to the AV network
3. **IDRAC Port (if using High Availability):** Connect to the corporate network
4. **USB 2.0 Gen Port**: Connect the keyboard
5. **USB 3.2 Gen Port**: Connect other devices
6. Power Supply
7. Redundant Power Supply (Aetria-SRV1 only)

Aetria Network Manager Server Front Panel

- **On/Off Switch:** Power on/off the server

How to Connect the Aetria Network Manager Server

1. Connect the keyboard to one of the USB ports on the rear of the server.
2. Using network cables, connect Ethernet Port 1 to the corporate network and Port 2 to the AV network.
3. If using High Availability configuration, connect a network cable from the IDRAC port to the corporate network.
4. Connect a display to the VGA port.
5. Finally, connect the mains power cables (2x for High Availability functionality).

Getting Started with Aetria Network Manager

1. **Warning!** Only trained staff should access the Aetria Network Manager interface. Unauthorized access may lead to product failure and system downtime.
2. Select the required language using the arrow keys, then press Enter to select the keyboard model.
3. If the model is not listed, select a generic keyboard and press Enter.
4. A series of screens will be displayed to select the keyboard configuration. Choose the appropriate options for your keyboard layout.
5. Select the layout that matches the keyboard to be used in this machine.
6. Select the configuration for the AltGr key if required.
7. Select a Compose key.
8. Enter the Datapath user password provided by the commissioning team to continue.
9. The Initial Appliance Configuration menu will be displayed. Select Yes to continue or No to return to the configuration process.

FAQ

- **Q: Where can I find more detailed information about the Aetria Network Manager Server?**

   A: You can download relevant user guides from **www.datapath.co.uk** for more detailed information.

Aetria® Network Manager

Quick Start Guide

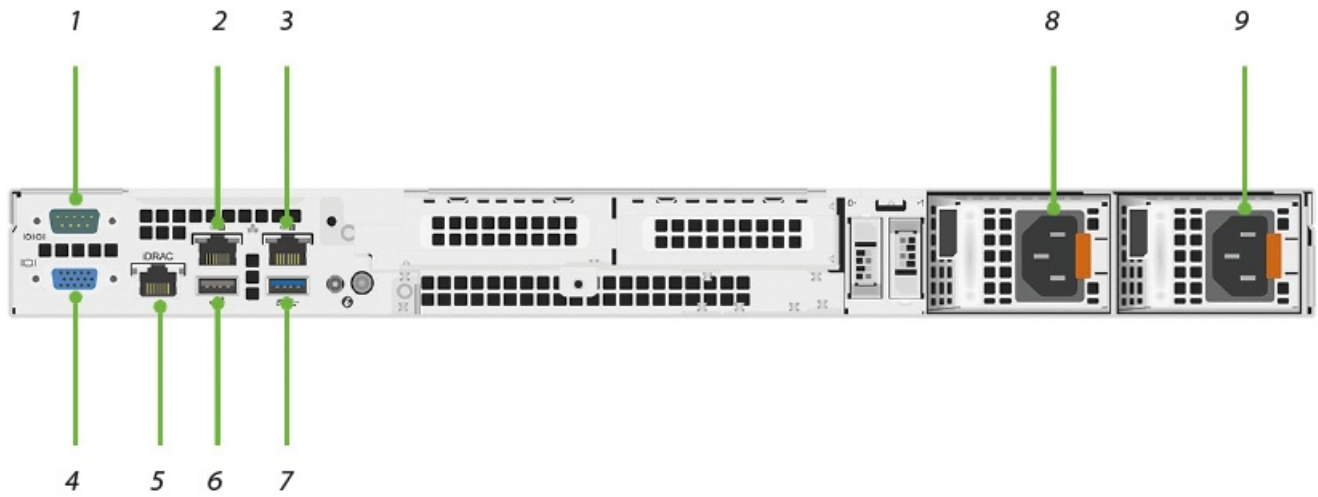### Engineering the world's best visual solutions

- Aetria Network Manager Quick Start Guide
- Thank you for purchasing the Network Manager Server. The Network Manager Server is available in two different models, the one supplied is determined by which Aetria license has been purchased
- Aetria-SRV1 for Aetria-LIC-UNL
- Aetria-SRV2 for Aetria-LIC-VSN
- The aim of this document is to quickly guide you through the process of initial setup. For more detailed information, relevant user guides can be downloaded from **www.datapath.co.uk**.

CONTENTS

- 1 x Aetria Network Manager Server (dual servers will be supplied for environments requiring High Availability)
- Mains power cable (x 2 for Aetria-SRV1)
- 1 x Front Panel cover with key
- 1 x Keyboard
- User documentation

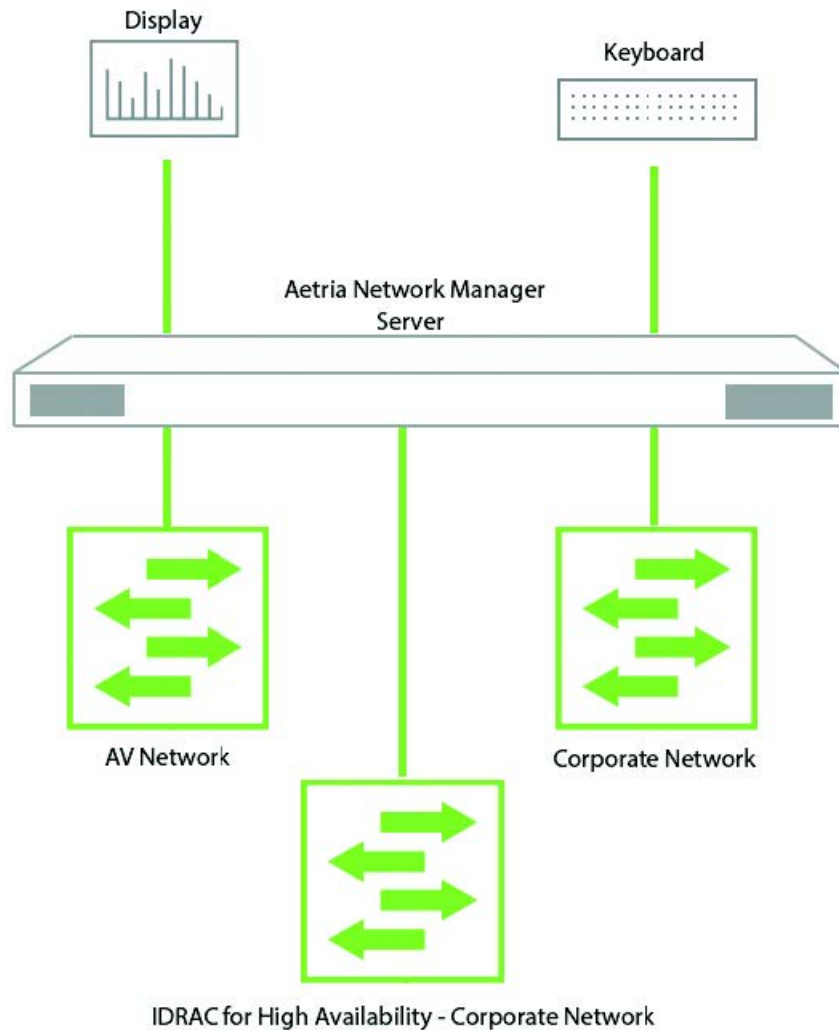## AETRIA NETWORK MANAGER SERVER REAR PANEL

1	Serial Port.
2	Ethernet Port 1 – Connect to corporate network.
3	Ethernet Port 2 – Connect to AV network.
4	VGA Port.
5	DRAC Ethernet Port – Connect to corporate network if the High Availability within Aetria Command Center is to be configured.
6	USB 2.0 Gen Port.
7	USB 3.2 Gen Port.
8	Power supply.
9	Redundant power supply (Aetria-SRV1 only).

AETRIA NETWORK MANAGER SERVER FRONT PANEL

10	On/Off Switch.

HOW TO CONNECT THE AETRIA NETWORK MANAGER SERVER

Display

Keyboard

Aetria Network Manager
Server

AV Network

Corporate Network

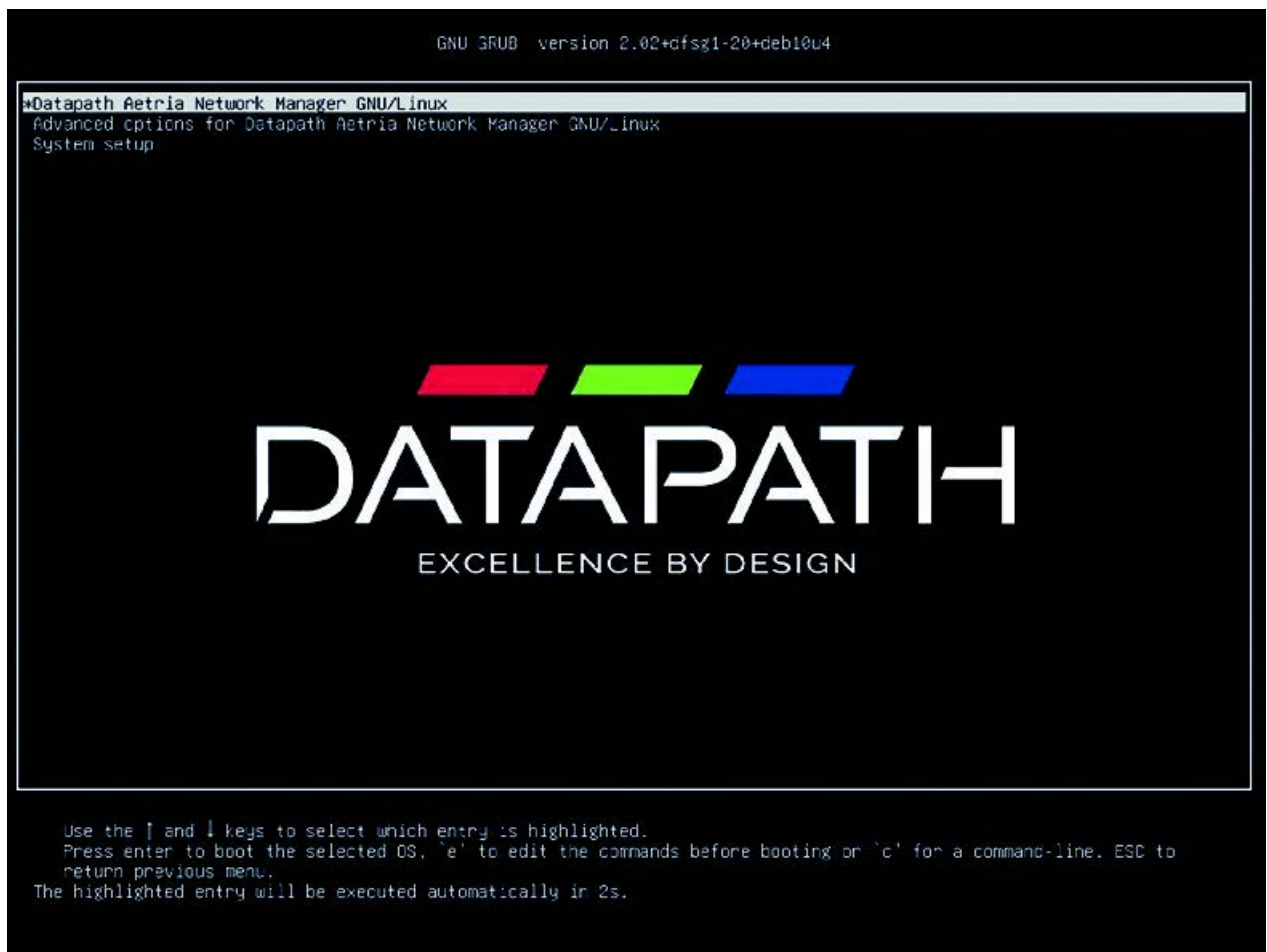IDRAC for High Availability - Corporate Network

- Connect the keyboard to the one of the USB ports on the rear of the server.
- Using network cables, connect the Ethernet port 1 to the corporate network and port 2 to the AV network.
- I f a High Availability configuration is to be used, a network cable should be connected from the IDRAC port to the corporate network.
- Connect a display to the VGA port.
- Finally, connect the mains power cables (2 x If configuring High Availability functionality).

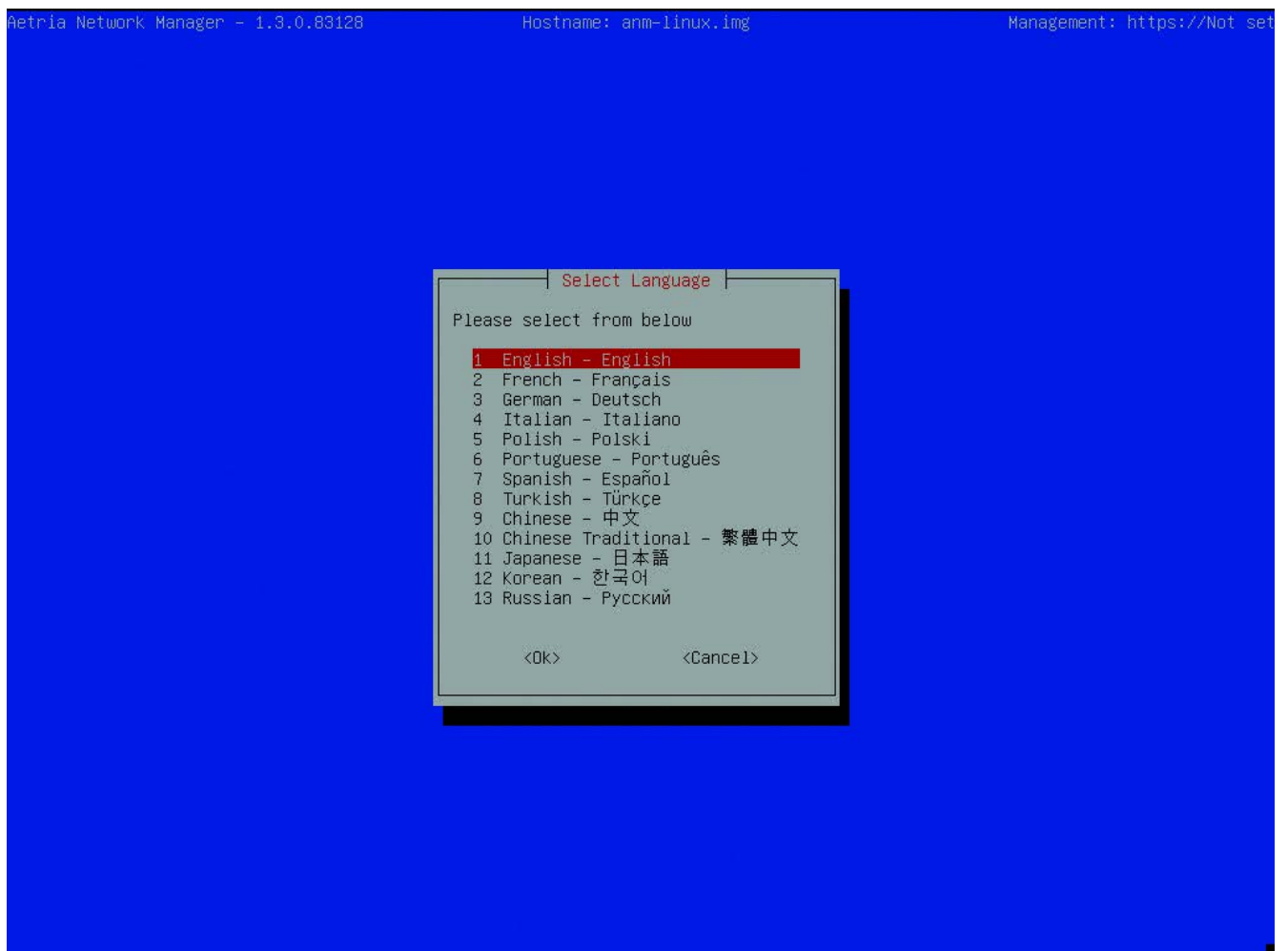## GETTING STARTED WITH AETRIA NETWORK MANAGER

1. **Warning!**
   It should be noted that the Aetria Network Manager interface should only be accessed by trained staff. Access by untrained staff could lead to product failure resulting in system downtime.
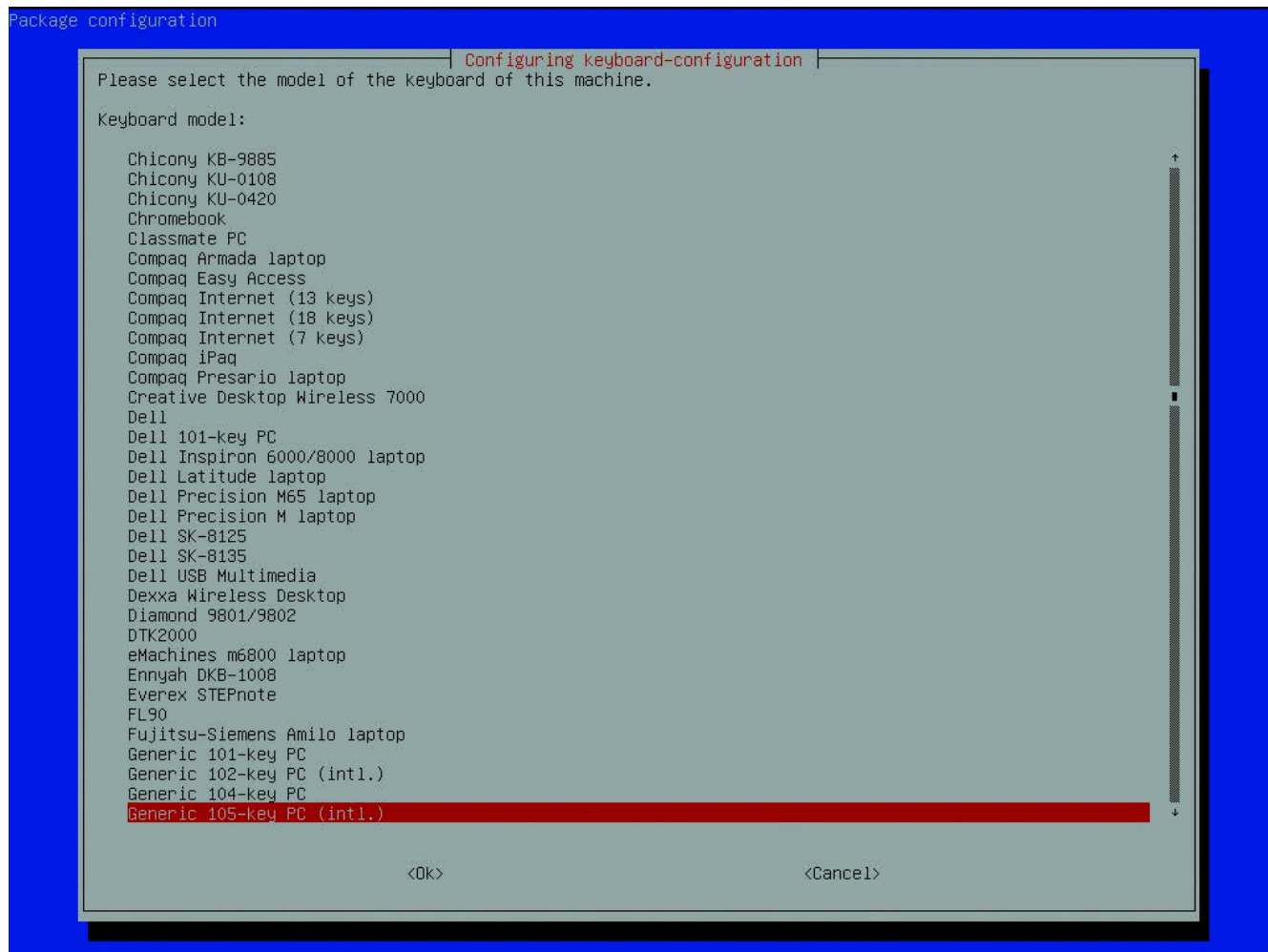   The system will automatically boot the Datapath Aetria Network Manager option as highlighted left and continue with the configuration of the Aetria Network Manager starting with language selection.
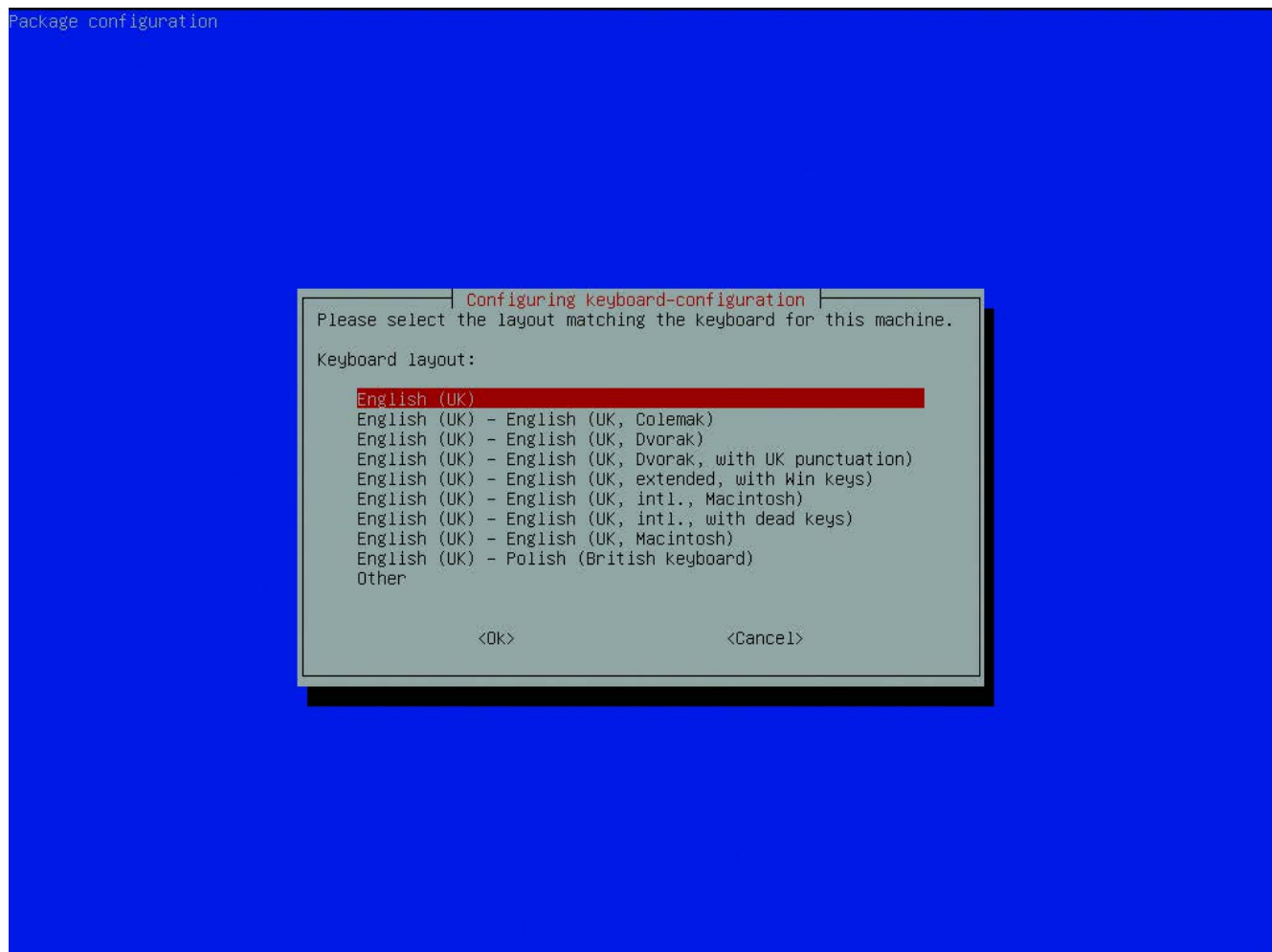
2. Select the required language using the arrow keys then press the Enter key to select the model of keyboard being used.

3. If the model is not listed, select a generic keyboard then press the Enter key.

```
┤ Configuring keyboard-configuration ├
Please select the model of the keyboard of this machine.

Keyboard model:

    Chicony KB-9885                                                  ↑
    Chicony KU-0108
    Chicony KU-0420
    Chromebook
    Classmate PC
    Compaq Armada laptop
    Compaq Easy Access
    Compaq Internet (13 keys)
    Compaq Internet (18 keys)
    Compaq Internet (7 keys)
    Compaq iPaq
    Compaq Presario laptop
    Creative Desktop Wireless 7000
    Dell
    Dell 101-key PC
    Dell Inspiron 6000/8000 laptop
    Dell Latitude laptop
    Dell Precision M65 laptop
    Dell Precision M laptop
    Dell SK-8125
    Dell SK-8135
    Dell USB Multimedia
    Dexxa Wireless Desktop
    Diamond 9801/9802
    DTK2000
    eMachines m6800 laptop
    Ennyah DKB-1008
    Everex STEPnote
    FL90
    Fujitsu-Siemens Amilo laptop
    Generic 101-key PC
    Generic 102-key PC (intl.)
    Generic 104-key PC
    Generic 105-key PC (intl.)                                       ↓

                <Ok>                            <Cancel>
```
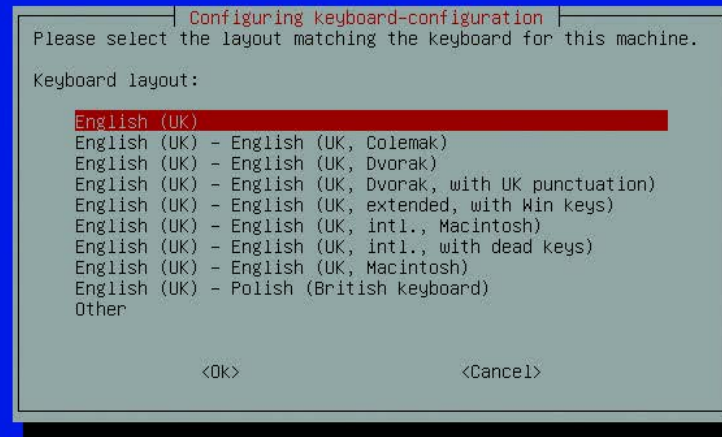
4. A series of screens will then be displayed, prompting the user to select the required keyboard configuration.

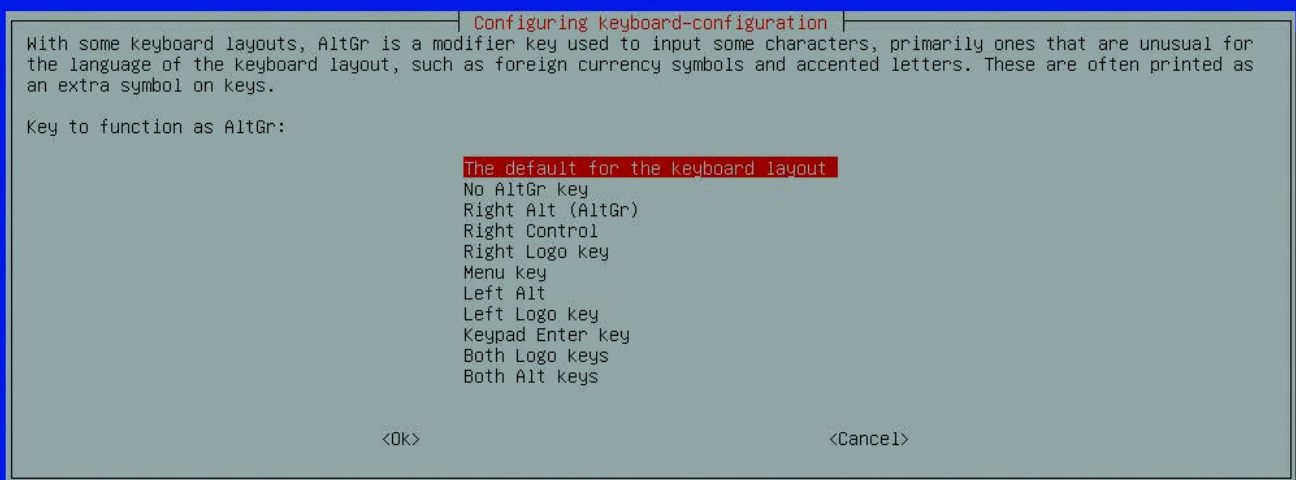The example on the left is for a standard UK keyboard.

```
┤ Configuring keyboard-configuration ├
Please select the layout matching the keyboard for this machine.

Keyboard layout:

    English (UK)
    English (UK) - English (UK, Colemak)
    English (UK) - English (UK, Dvorak)
    English (UK) - English (UK, Dvorak, with UK punctuation)
    English (UK) - English (UK, extended, with Win keys)
    English (UK) - English (UK, intl., Macintosh)
    English (UK) - English (UK, intl., with dead keys)
    English (UK) - English (UK, Macintosh)
    English (UK) - Polish (British keyboard)
    Other

                <Ok>                        <Cancel>
```

5. Select the layout that matches the keyboard to be used in this machine.
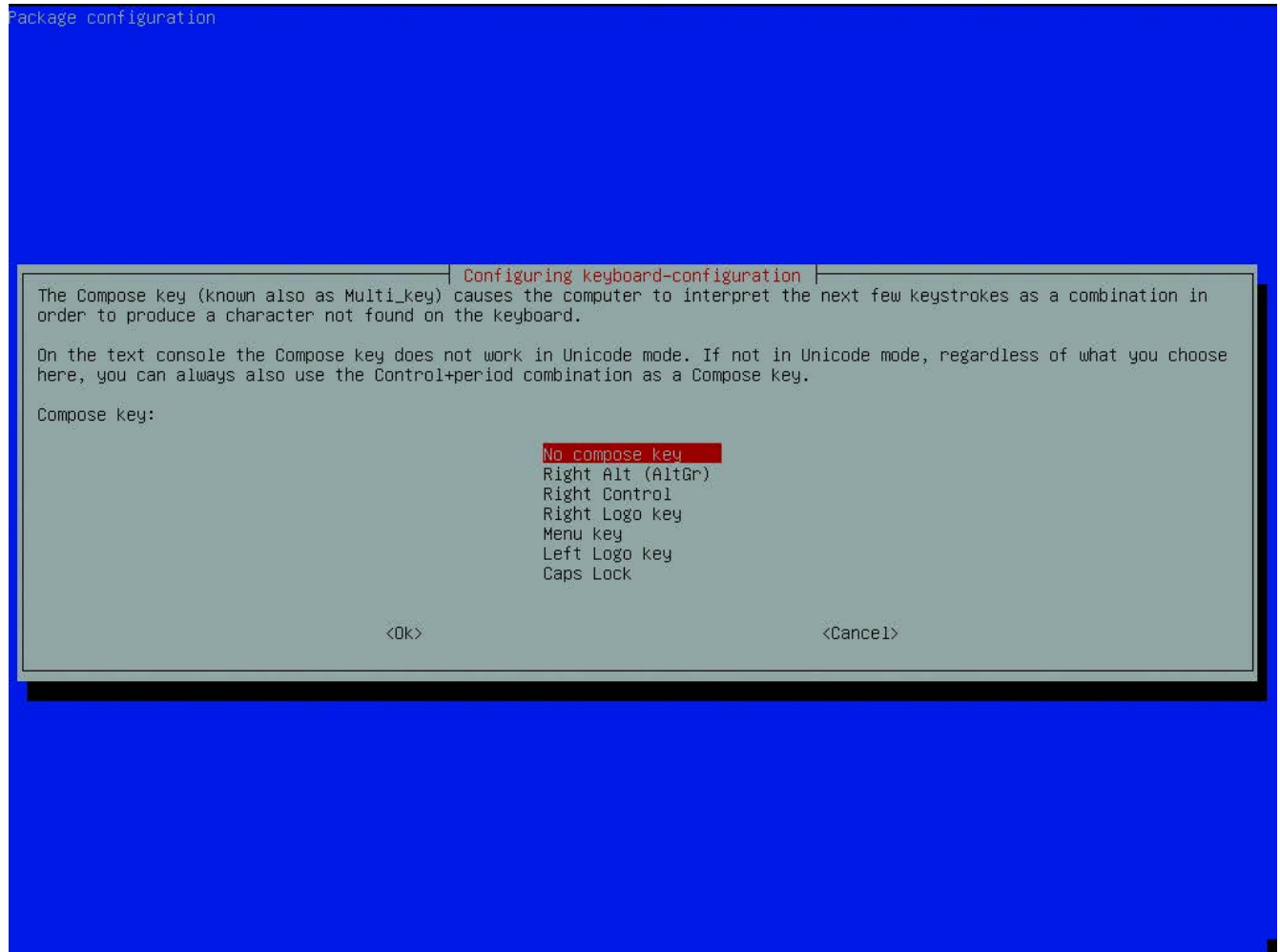

6. Select the configuration for the AltGr key if required.
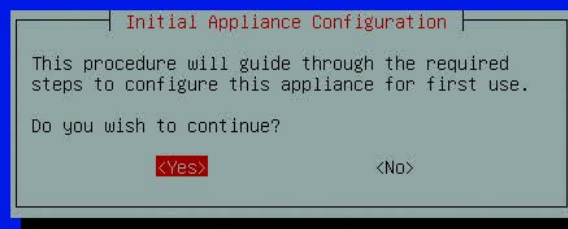
7. Select a Compose key.

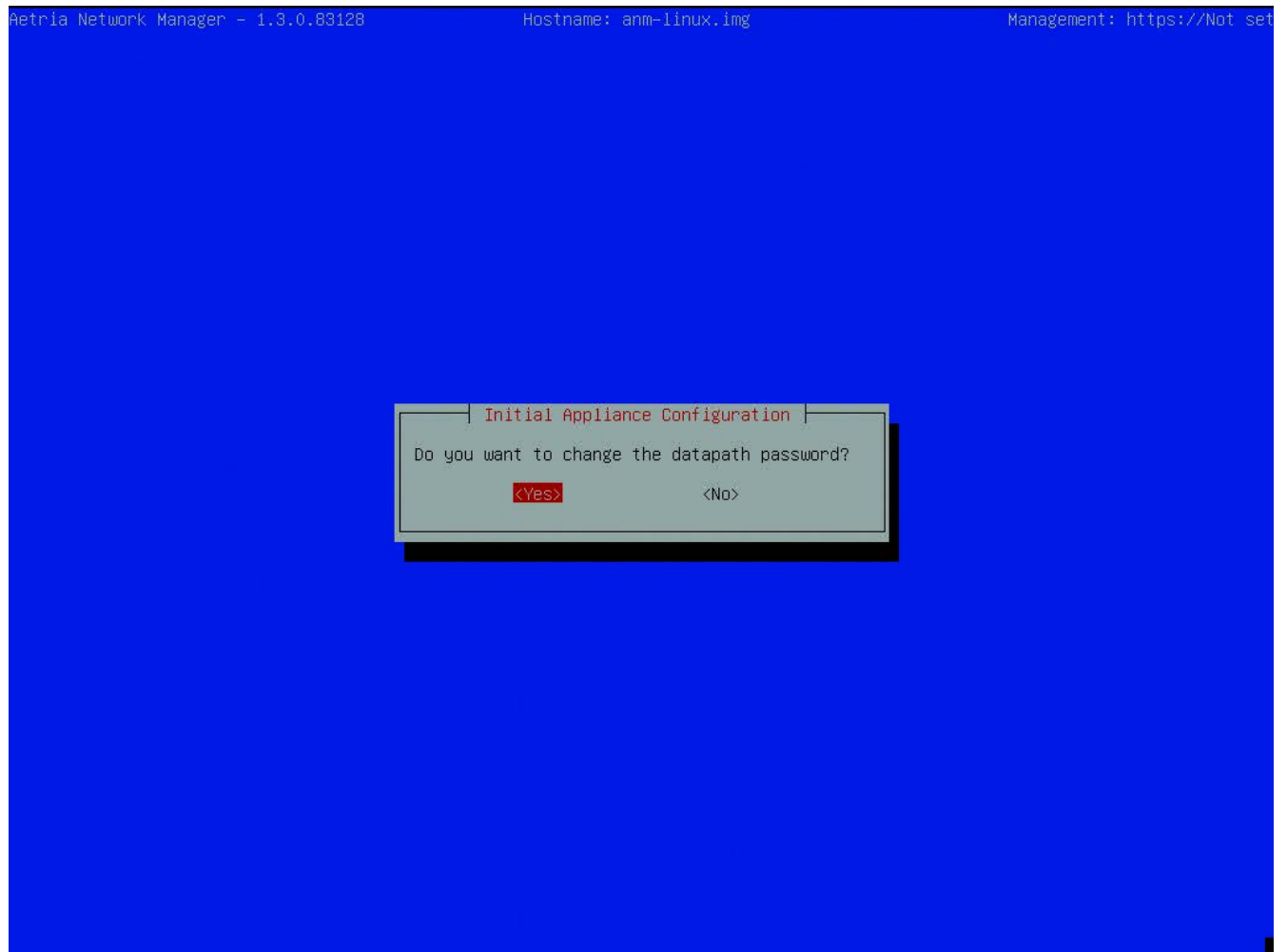   After configuring the keyboard an authorization prompt is displayed.

8. Enter the Datapath user password. A random password will have been generated during the build of the Aetria Network Manager server prior to dispatch and passed to the commissioning team. Enter the password to continue.

```
                    ┤ Please authenticate ├
  Please enter the password for the datapath user to continue

  ***************_____

                  <Ok>              <Cancel>
```
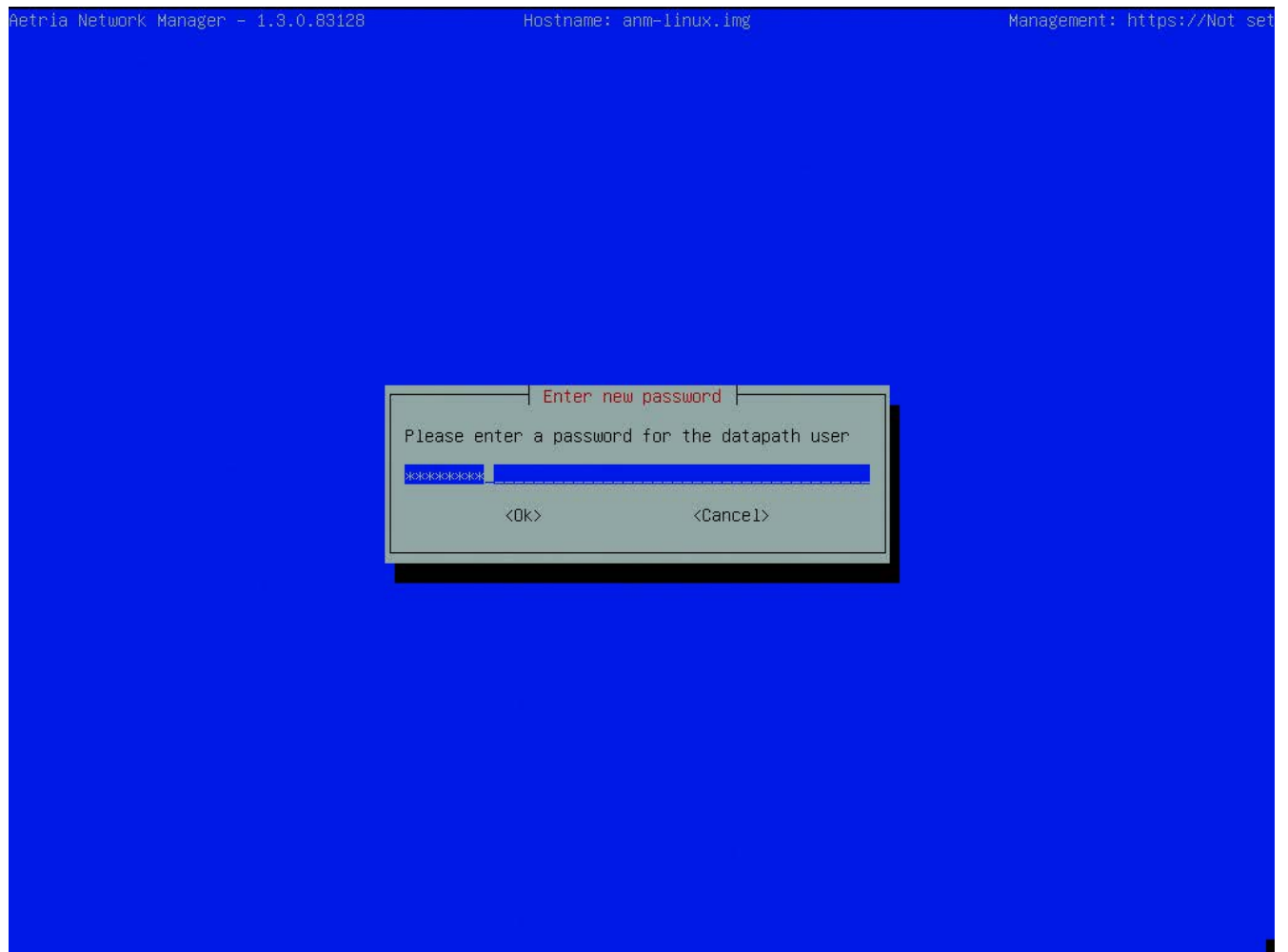
9. The Initial Appliance Configuration menu is then displayed. Select Yes to continue. Select No and the configuration process will return to Language selection screen.
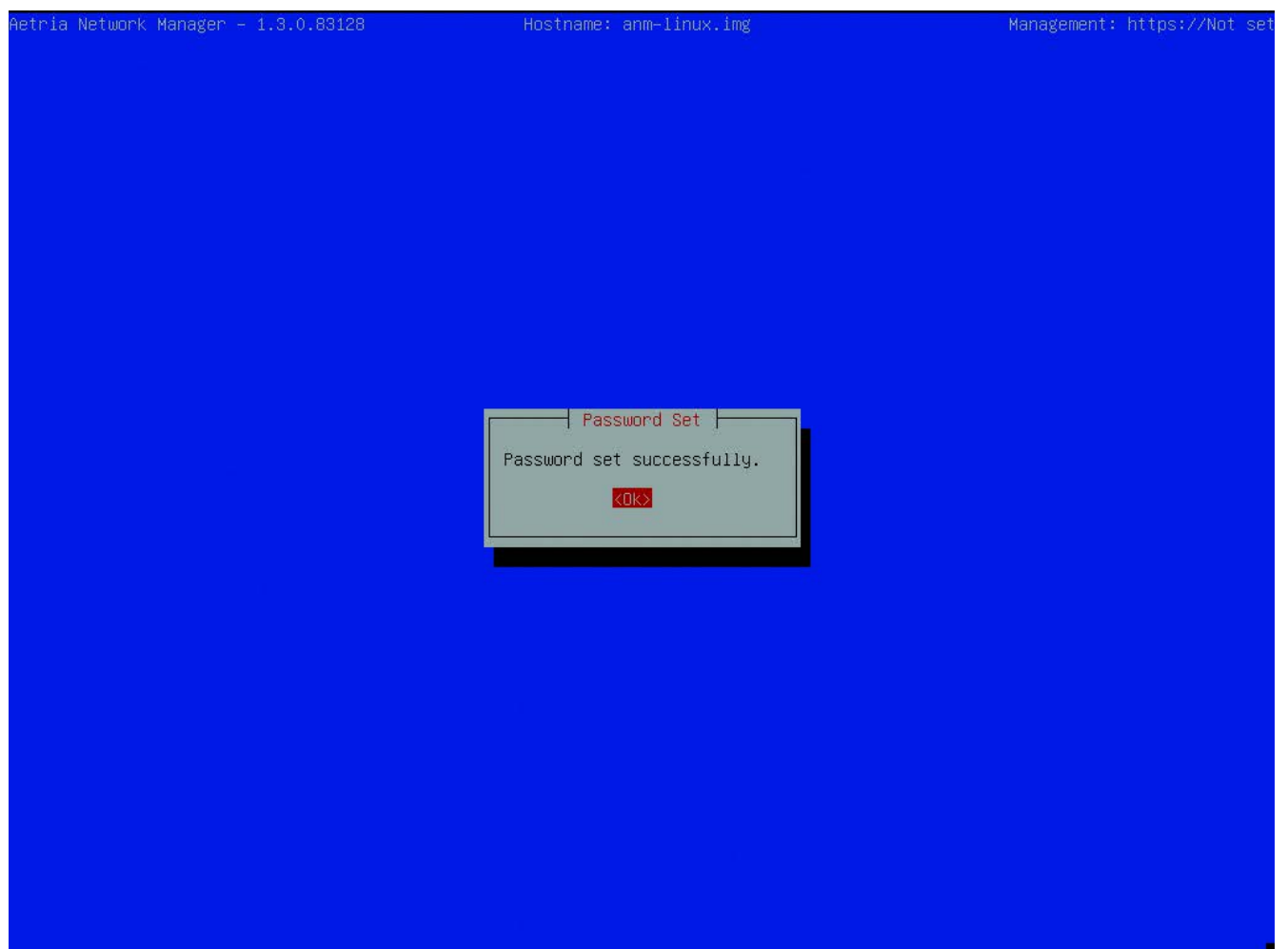
```
              ┤ Initial Appliance Configuration ├
  This procedure will guide through the required
  steps to configure this appliance for first use.

  Do you wish to continue?
            <Yes>              <No>
```

10. An opportunity to change the Datapath password is presented. Select Yes and follow the prompts to enter then re-enter a new password. It should be noted that a new password cannot be recovered if lost, therefore password details should be recorded and stored safely. Failure to do so could reduce the ability for Datapath support staff to help with any issues that may occur.

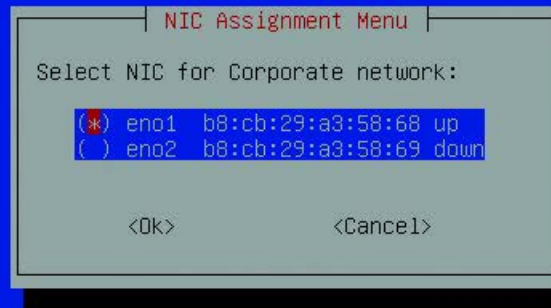
11. Enter then re-enter the new password then click on OK.

```
┤ Enter new password ├
Please enter a password for the datapath user

▒▒▒▒▒▒▒▒_____

        <Ok>              <Cancel>
```

12. Once the new password details have been entered successfully, click on OK.

```
┤ Password Set ├
Password set successfully.
       <Ok>
```

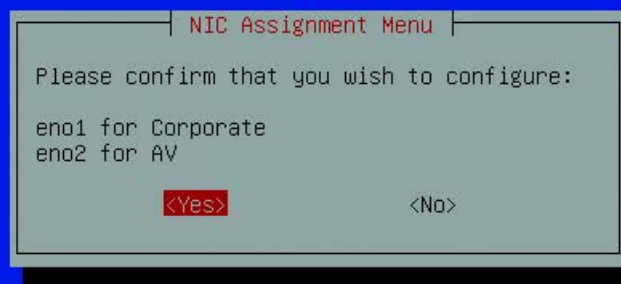13. The next step of the configuration is to select the Network Interface Card (NIC) for the Corporate network.

An Aetria Network Manager appliance will normally have two NICs. Select the NIC which is connected to the Corporate network using the space bar, then select OK and press Enter.

The NIC not selected for Corporate network will automatically be assigned to the AV network.

14. A confirmation dialog is then displayed. This should be checked to ensure the correct NICs have been selected.

Confirm the NIC selection and select Yes and the Corporate IP Address dialog is displayed.
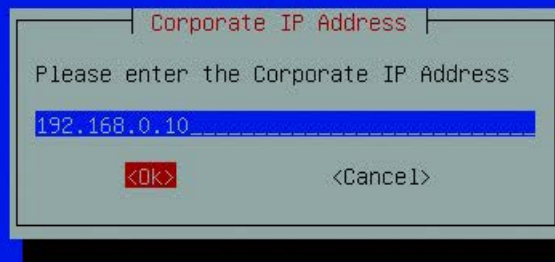

15. **Set the hostname for the Aetria Network Manager:** Enter the fully qualified domain name then select Yes and press Enter. A confirmation dialog is then displayed, this should be checked for errors. If there are any errors in the hostname, select No and re-enter the hostname correctly.
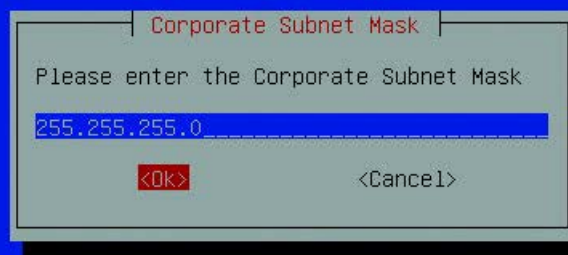
16. Once satisfied the hostname is correct, select Yes and the Corporate IP Address Menu is displayed in the next dialog.

17. Enter the IP Address of the Aetria Network Manager and select OK and the Corporate Subnet Mask dialog is displayed.
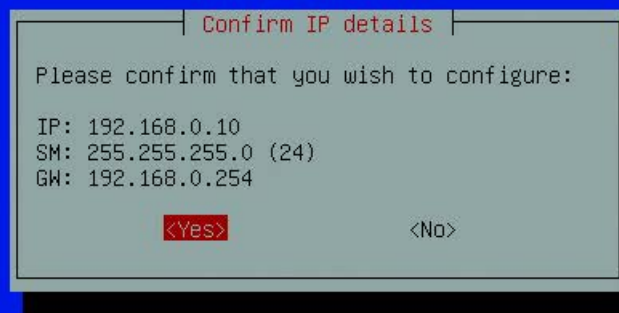
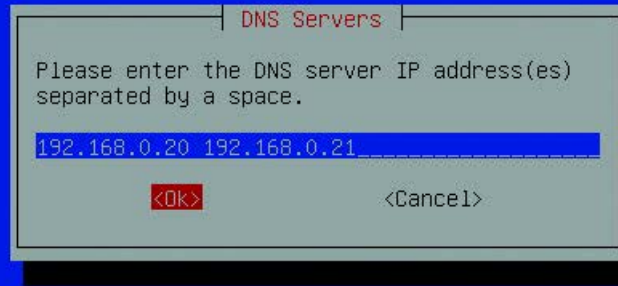18. Enter the Corporate Subnet Mask and select OK. The Corporate Gateway dialog will then be displayed.

19. Enter the IP address of the Corporate Gateway and select OK and the Confirm IP Details dialog is displayed.
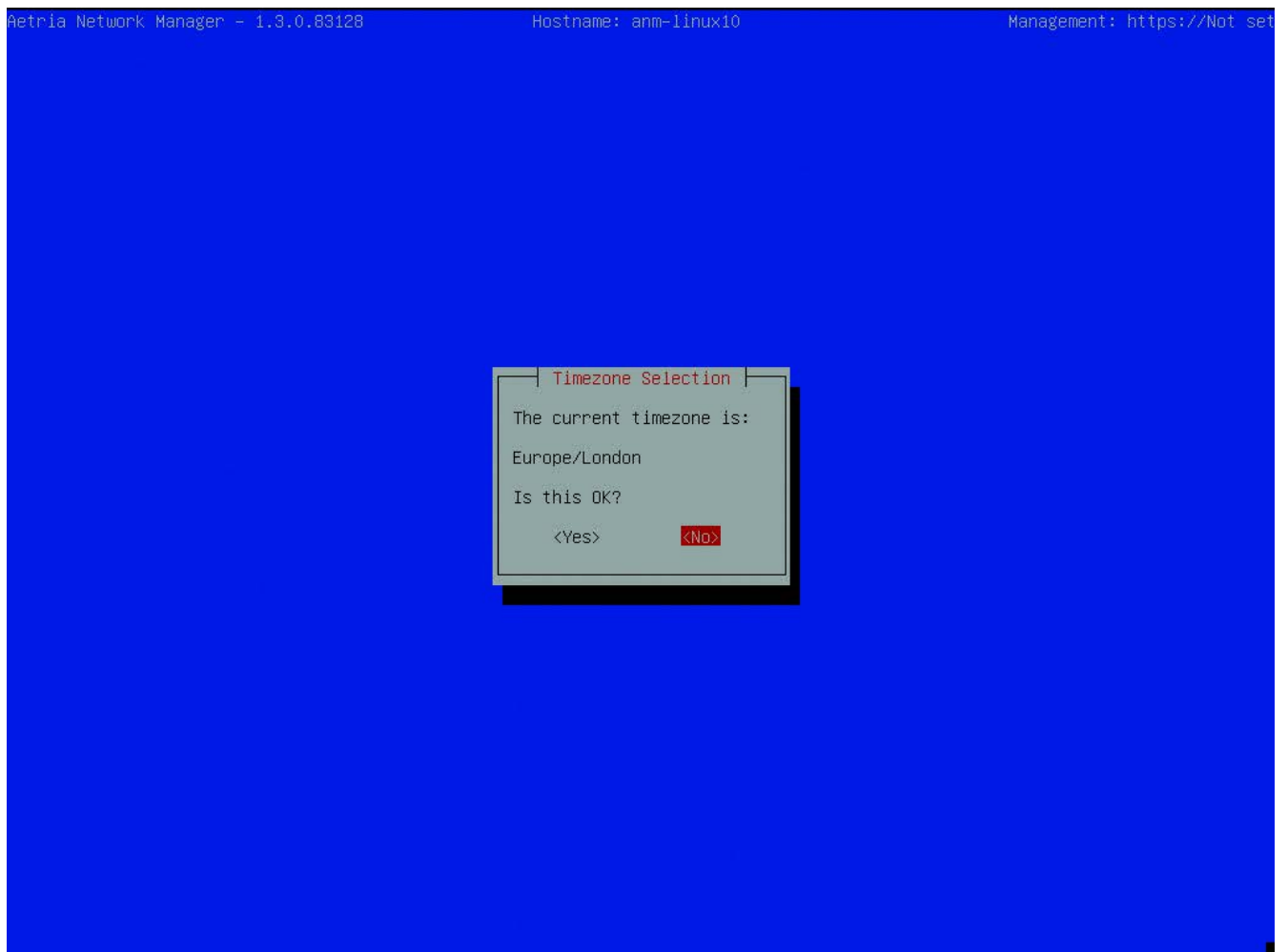
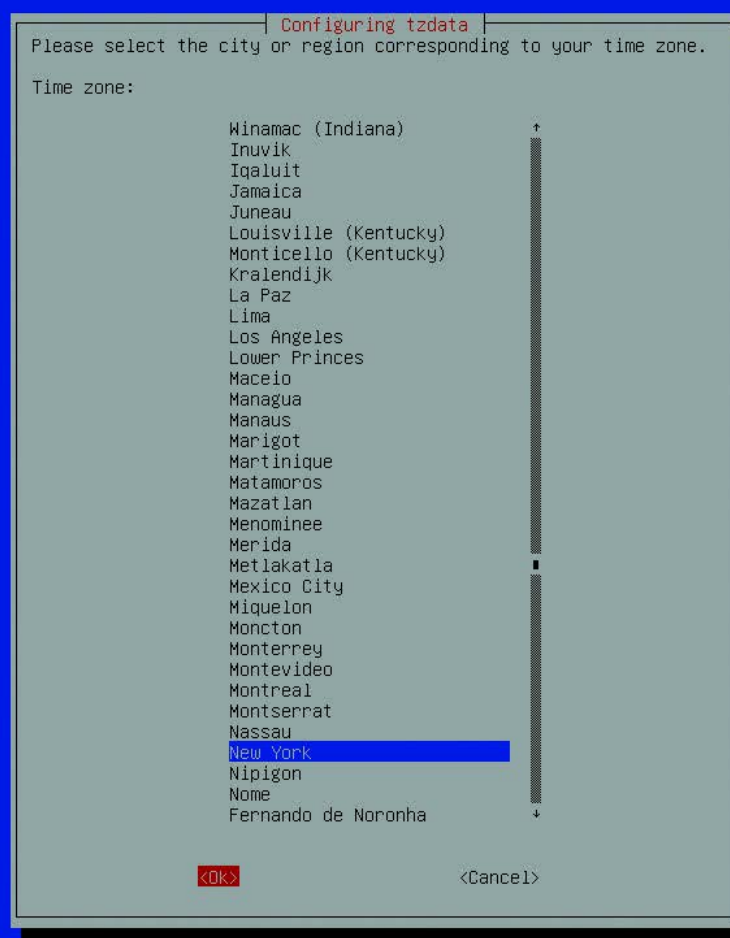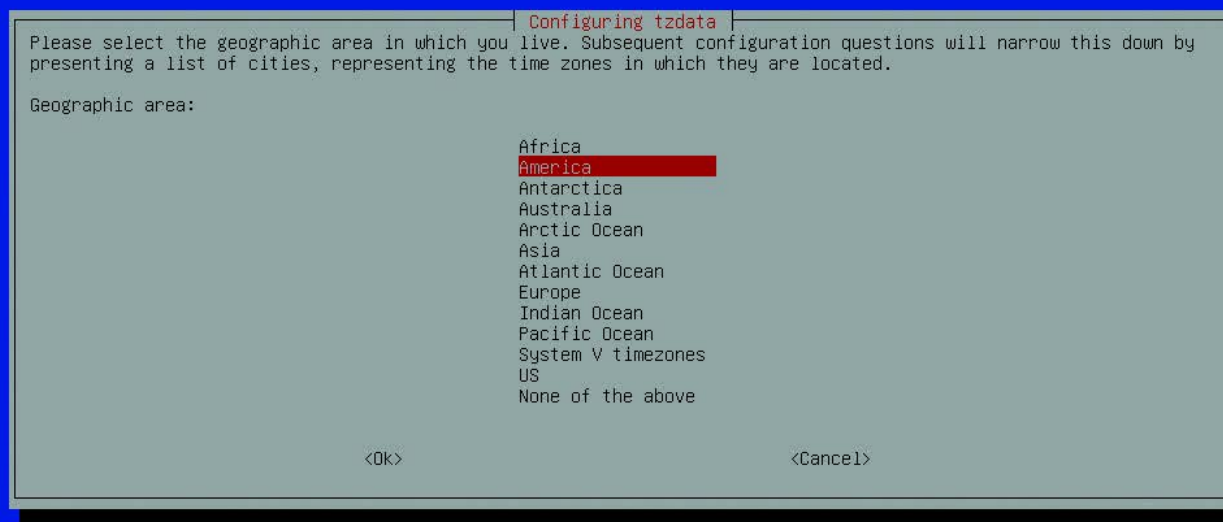20. Check and confirm the IP Details. Select Yes and the DNS Servers dialog is displayed.

21. Enter the IP address(es) of the DNS Server(s). If more than one DNS server is required, ensure each IP address is separated by a space. Select OK and the Timezone Selection Menu is displayed.
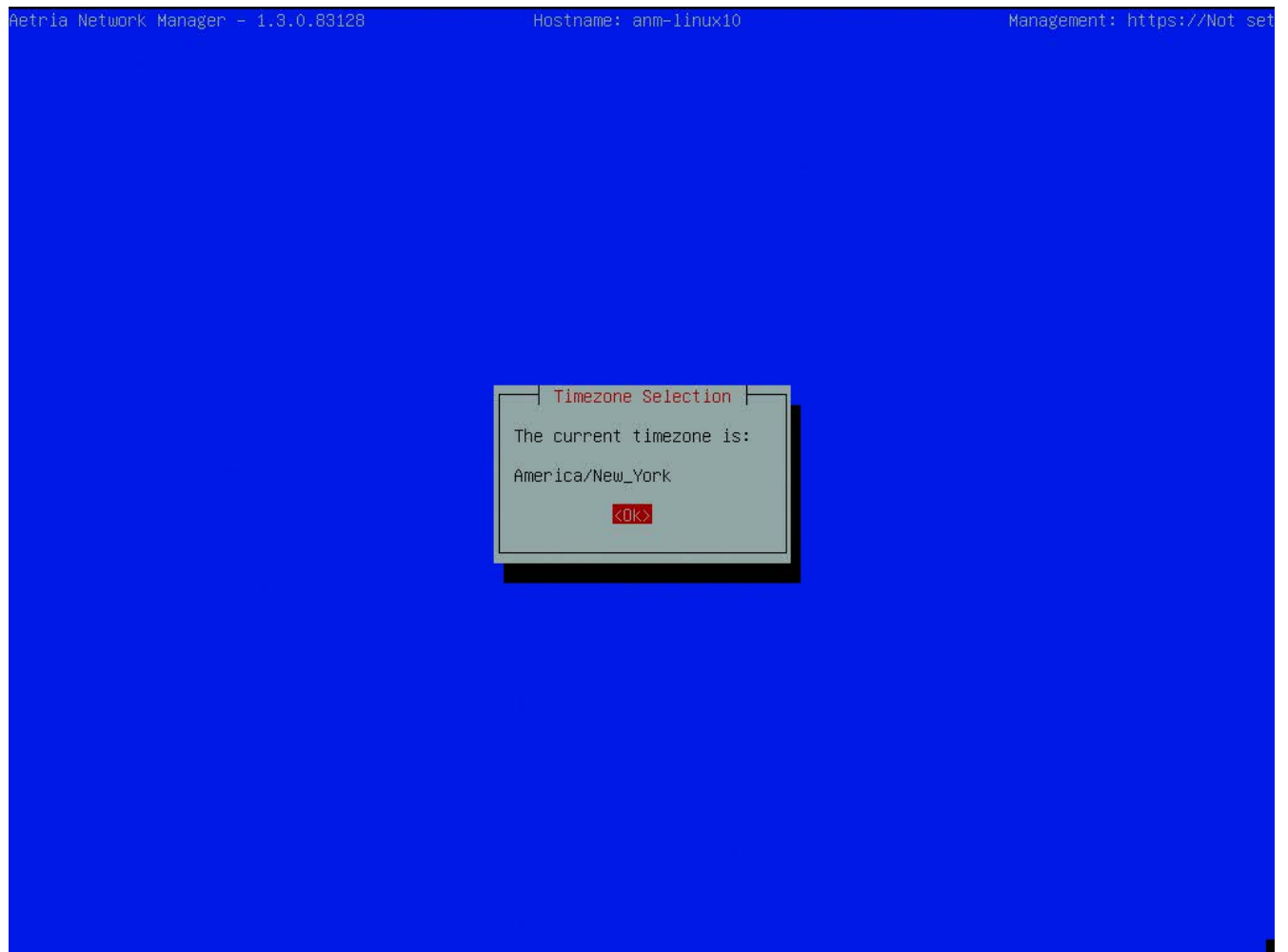
22. The default timezone is Europe/London, if this is the required timezone select Yes, to select a different timezone, select No and the Time Configuration menu is displayed.
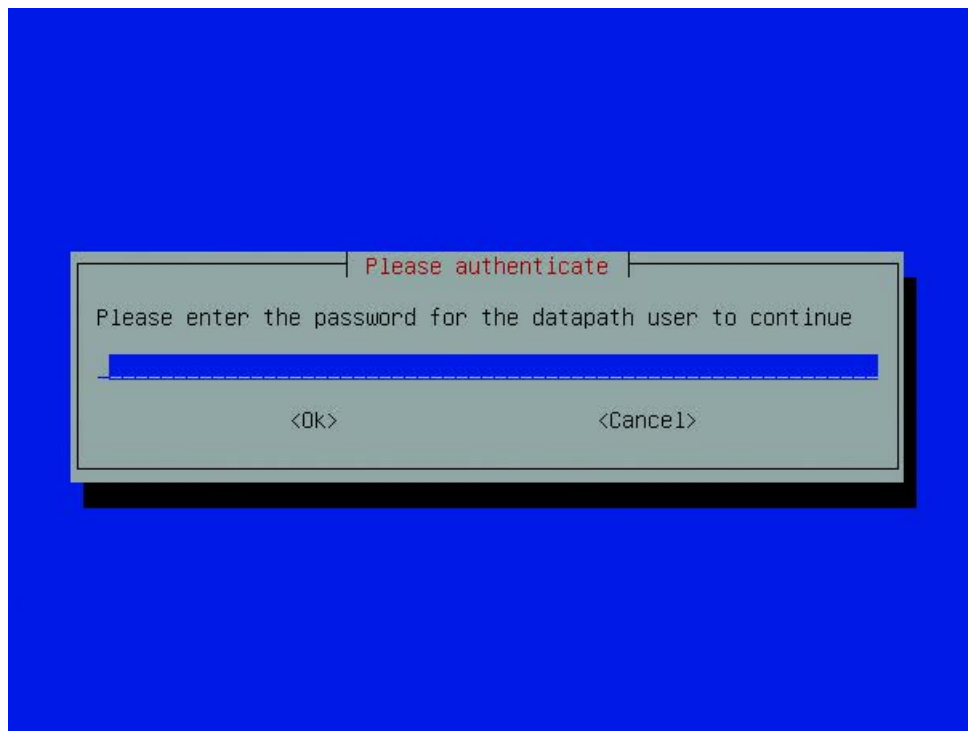
23. Follow the prompts to choose the required location which will enable the timezone to be set correctly.
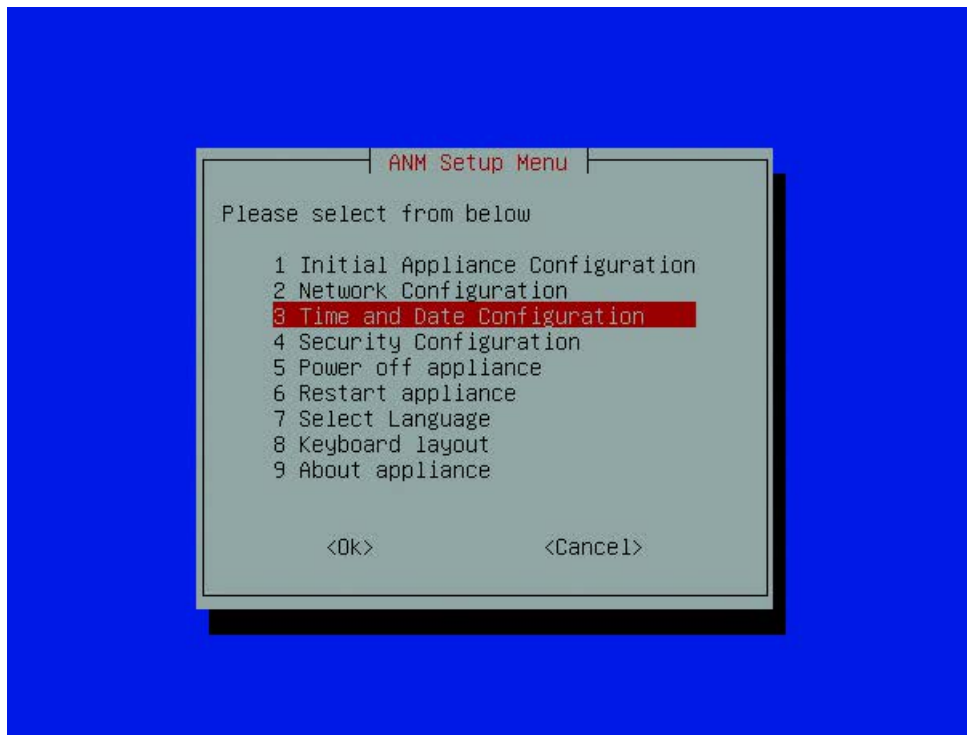
┤ Configuring tzdata ├

Please select the geographic area in which you live. Subsequent configuration questions will narrow this down by presenting a list of cities, representing the time zones in which they are located.

Geographic area:

> Africa
> America
> Antarctica
> Australia
> Arctic Ocean
> Asia
> Atlantic Ocean
> Europe
> Indian Ocean
> Pacific Ocean
> System V timezones
> US
> None of the above

                <Ok>   <Cancel>

┤ Configuring tzdata ├

Please select the city or region corresponding to your time zone.

Time zone:

> Winamac (Indiana)
> Inuvik
> Iqaluit
> Jamaica
> Juneau
> Louisville (Kentucky)
> Monticello (Kentucky)
> Kralendijk
> La Paz
> Lima
> Los Angeles
> Lower Princes
> Maceio
> Managua
> Manaus
> Marigot
> Martinique
> Matamoros
> Mazatlan
> Menominee
> Merida
> Metlakatla
> Mexico City
> Miquelon
> Moncton
> Monterrey
> Montevideo
> Montreal
> Montserrat
> Nassau
> New York
> Nipigon
> Nome
> Fernando de Noronha

            <Ok>   <Cancel>

24. Select OK to confirm the Timezone selection.

```
          ┤ Timezone Selection ├
  The current timezone is:

  America/New_York
              <Ok>
```

25. After a short pause whilst the network settings are being activated, the screen will return to the authentication screen.

```
                  ┤ Please authenticate ├
  Please enter the password for the datapath user to continue
  _____

          <Ok>                    <Cancel>
```

26. The top line of the screen will show the hostname and the IP address that has just been configured.
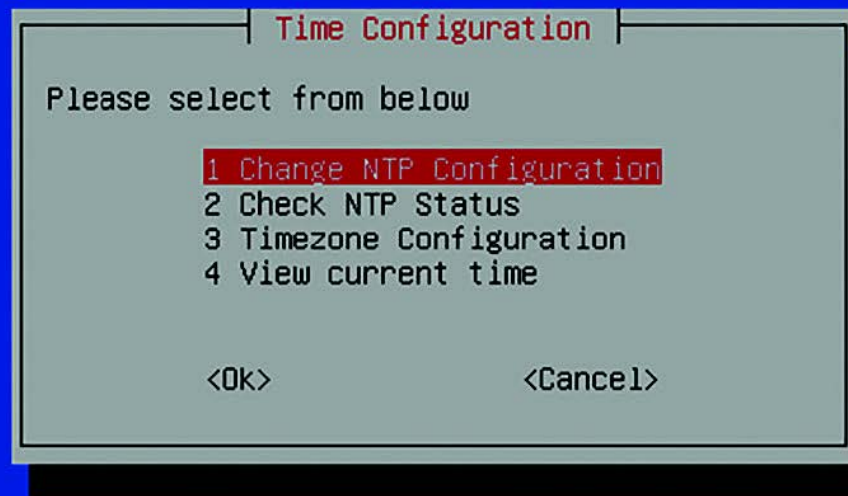Log back on and the ANM Setup Menu is displayed.
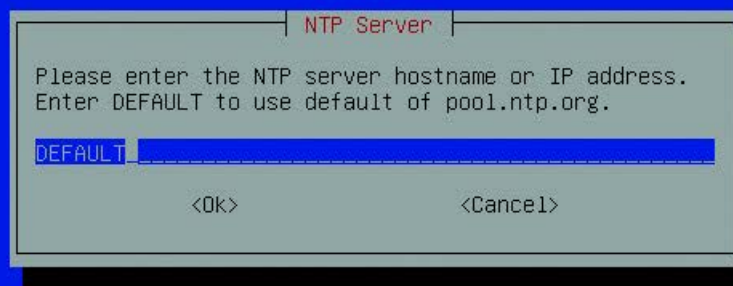
CONFIGURE TIME AND DATE

To configure the time and date, select Time and Date Configuration from the Aetria Network Manager Setup Menu and the Time Configuration menu is displayed.
By default, the system will attempt to set its time by contacting Internet based Network Time Protocol (NTP) servers. NTP is the networking protocol for clock synchronization on computer networks. If access to the Internet is restricted, an option is provided to configure a custom NTP server using the Change NTP Configuration menu option
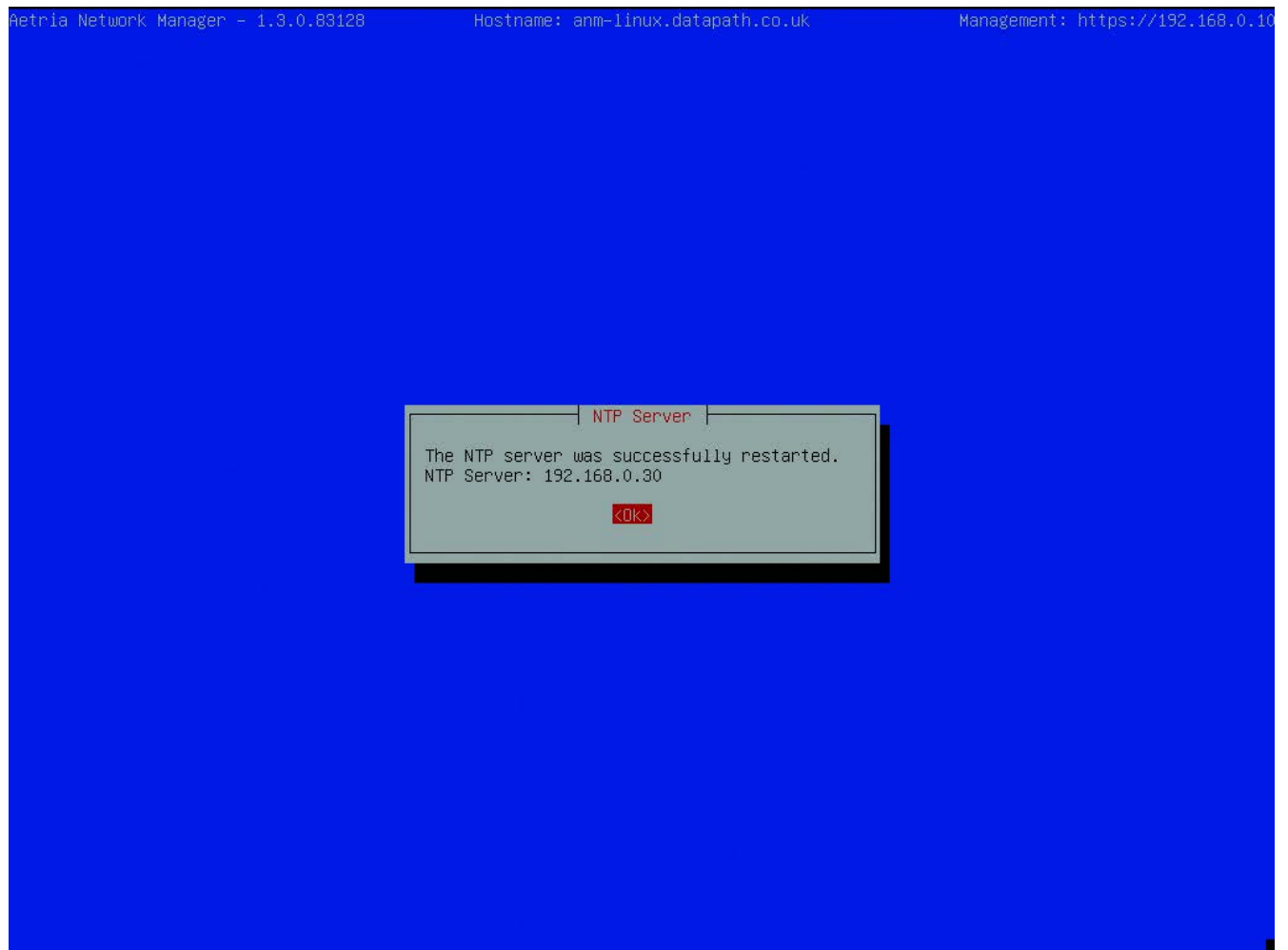
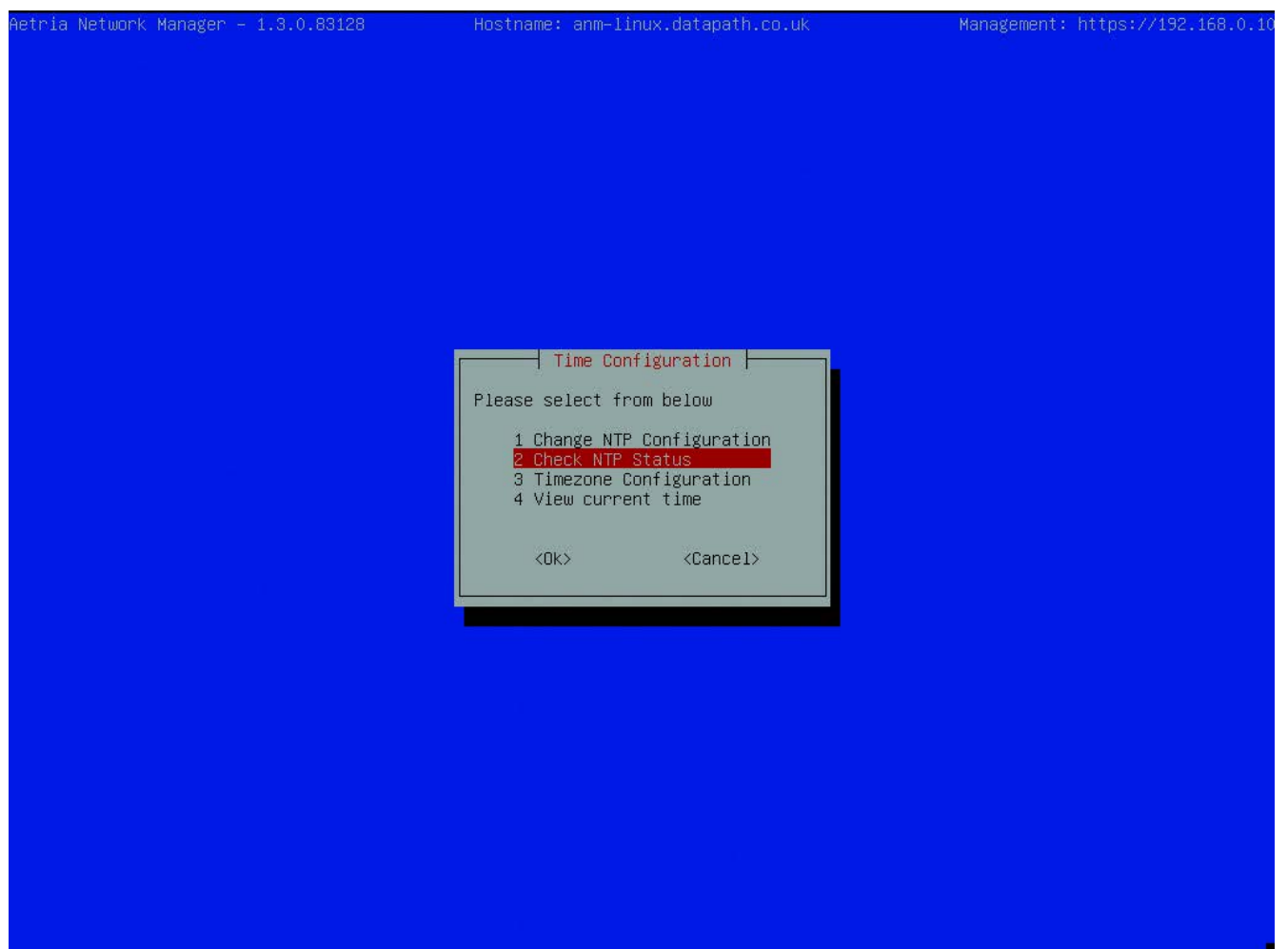* Select Change NTP Configuration, select OK and the NTP Server dialog is displayed.

- Enter the hostname or IP address of the required NTP server. Using the word DEFAULT will tell the appliance to use the Internet based NTP servers (pool.ntp.org). Select OK to continue.

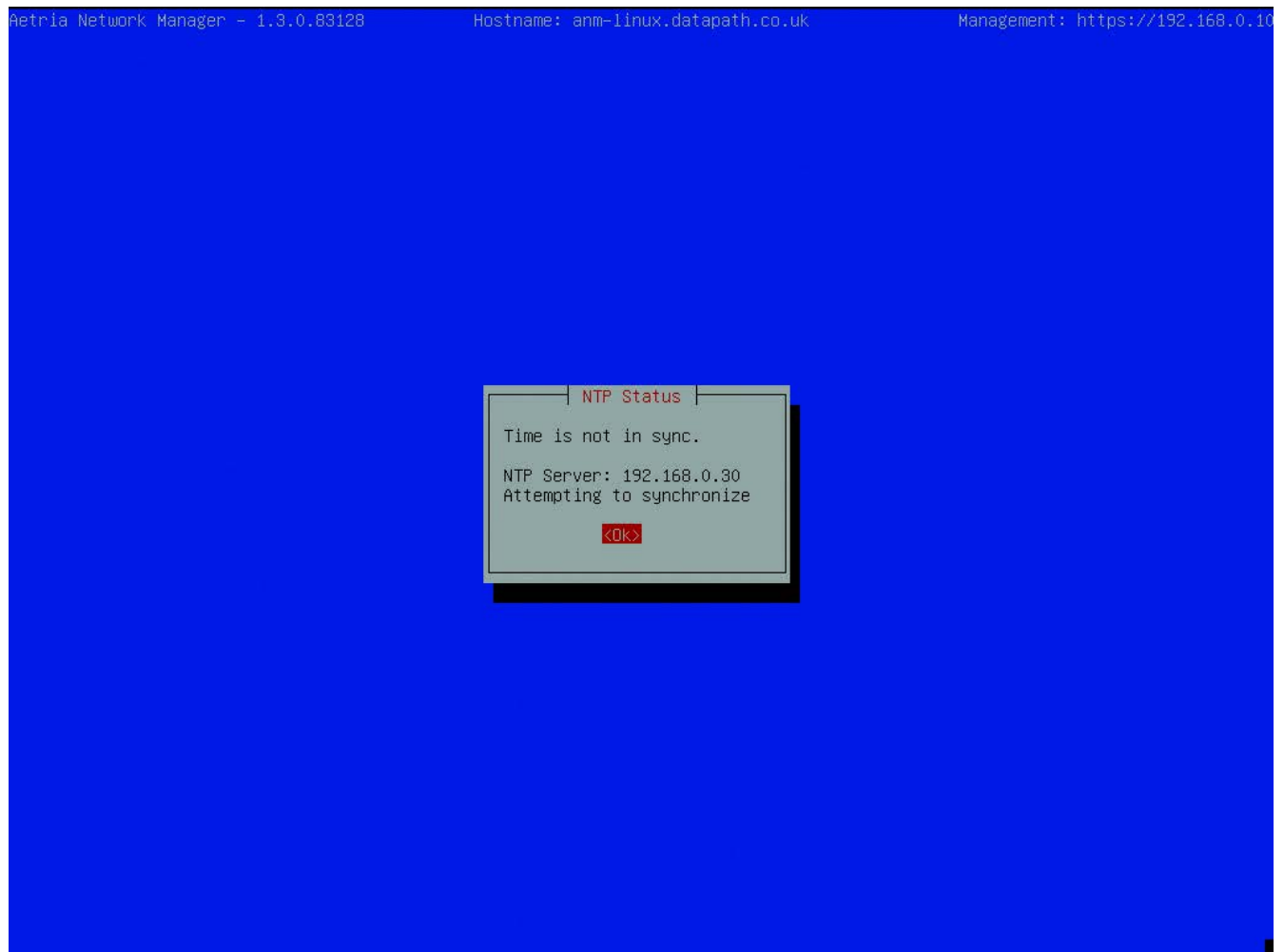- Once the server has successfully restarted, select OK.

```
                    ┤ NTP Server ├
  The NTP server was successfully restarted.
  NTP Server: 192.168.0.30

                        <Ok>
```

- The NTP status can be viewed by selecting Check NTP Status from the Time Configuration menu.

```
                  ┤ Time Configuration ├
  Please select from below

          1 Change NTP Configuration
          2 Check NTP Status
          3 Timezone Configuration
          4 View current time


              <Ok>           <Cancel>
```
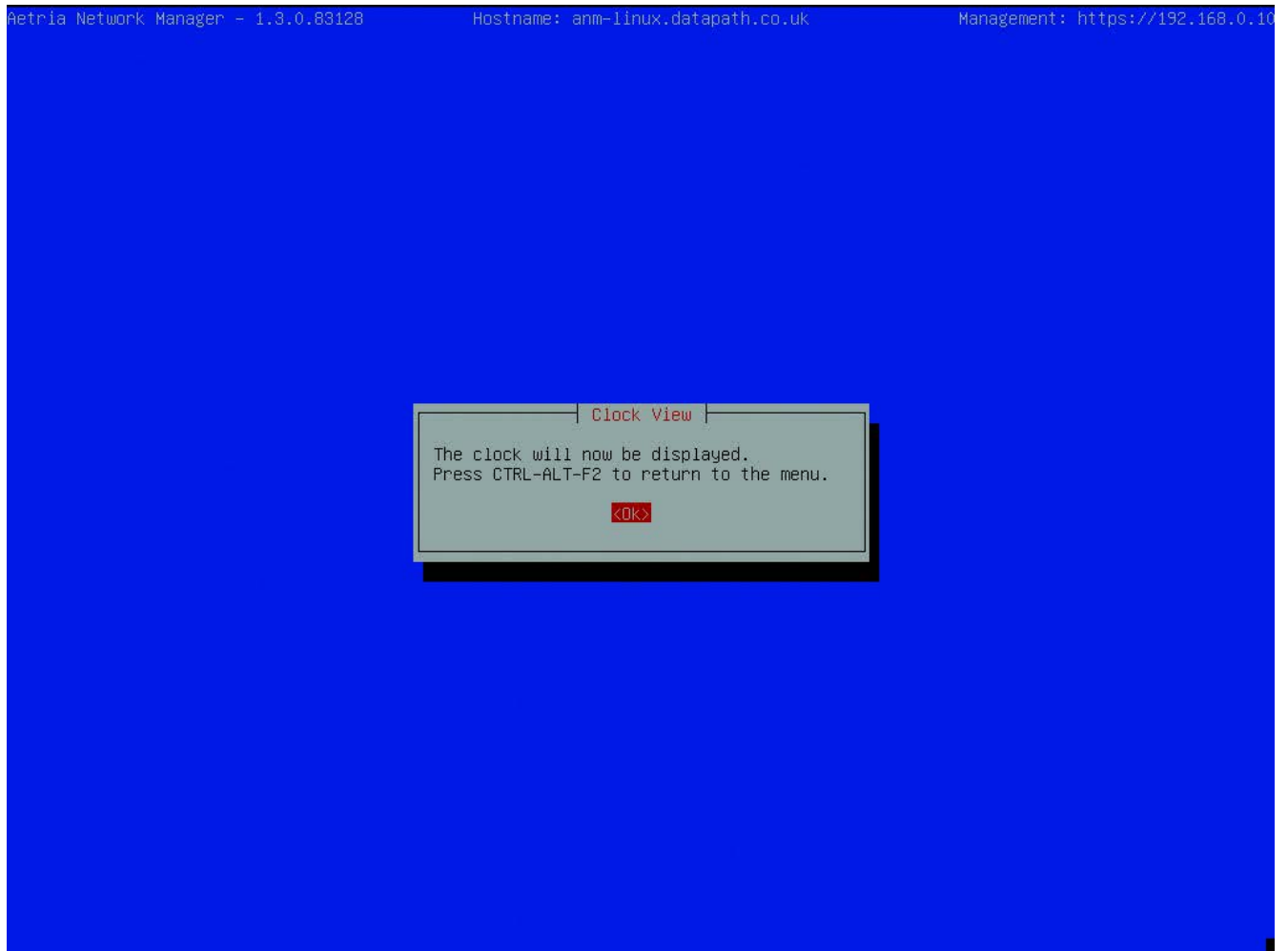
- This will show if the time is correctly synchronized. Select OK to continue. Note that it may take several

minutes for the time to synchronize. Should the configured NTP server not be reachable, the Aetria Network Manager appliance will fall back to using its local clock as a time source.
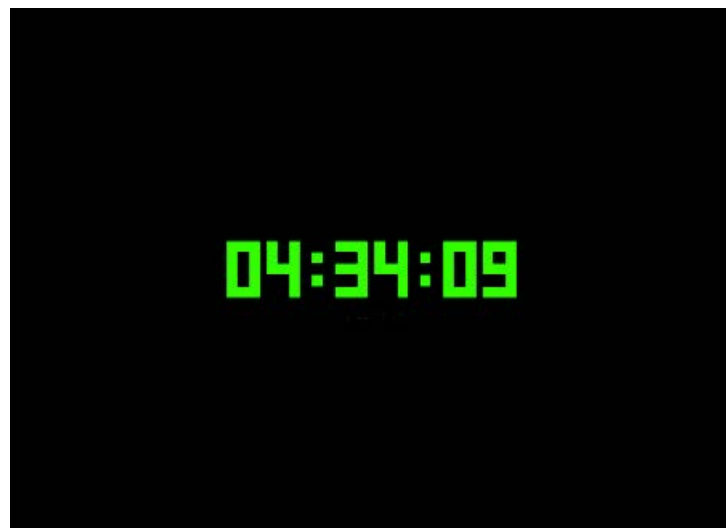
To display a digital clock on the screen, return to the Time Configuration menu and select Clock View. The following dialog is displayed

- To display the clock select 'OK' and the clock is displayed across the screen. Press CTRL-ALT-F2 to return to the menu.

┤ Clock View ├

The clock will now be displayed.
Press CTRL-ALT-F2 to return to the menu.

<Ok>

- Once the above steps are complete, access the Aetria Command Center using a Chrome, Edge or Safari browser on a PC or laptop connected to the Corporate network using the URL https://<FQDN>

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EU – Class A Declaration of Conformity

- Datapath Ltd declares that this product complies with the essential requirements and other relevant provisions of Directives 2014/30/EU, 2014/35/EU and 2011/65/EU.
- A copy of our Declaration of conformity is available on request.
- Datapath Limited
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- Bemrose Park
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- **UK** A full list of product compliance certifications can be found in the product User Guide on the Documentation Media supplied with the system.

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Documents / Resources

DATAPATH SRV2 Aetria Network Manager Server [pdf] User Guide
Aetria-SRV1, Aetria-SRV2, SRV2 Aetria Network Manager Server, SRV2 Aetria, Network Manager Server, Manager Server, Server

References

- D **Datapath | Ultimate Video Wall and Control Room Solutions**

- **User Manual**