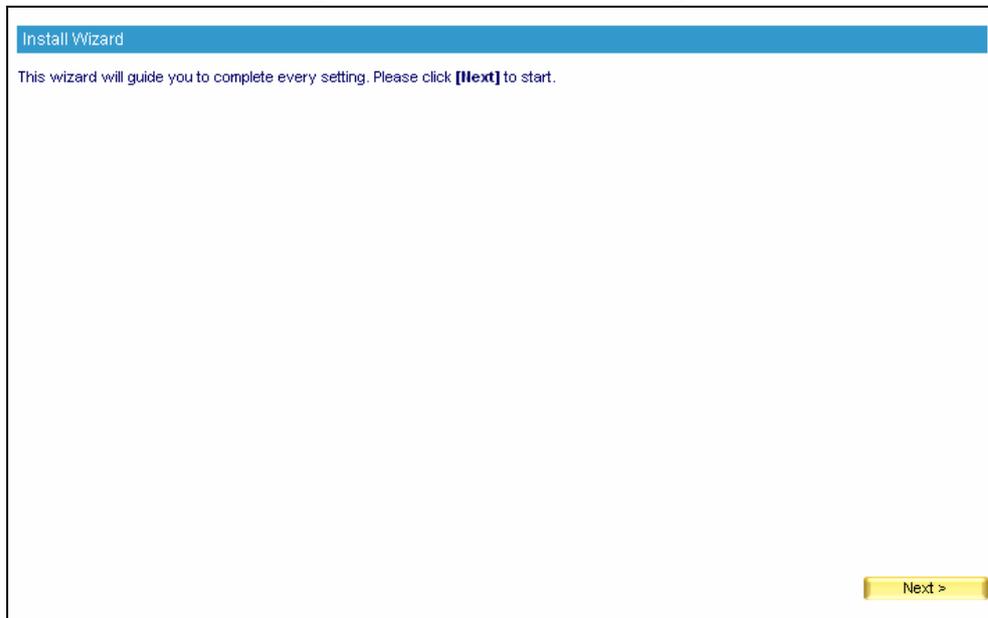


HOW TO INSTALL ES-4000

1. Open the Internet browser and enter default IP address (http://192.168.1.1) in address bar.
2. Enter **User Name** and **Password** with admin/airlive.



3. If this is the first time to login ES-4000, system will automatically enter **Install Wizard**. It will guide user to make settings. Click **Next**



4. Select the language and character encoding.

Step1 : Default Language and Character Encoding

Please select the Default Language and Character Encoding, then click **[Next]**.

- **Default Language :**
Please select the Default language to be used when you come to this Web UI.
Default Language :
- **Default Character Encoding :**
When the character encoding of mail is unknown, the system will use the Default Character Encoding to save the mail.
Default Character Encoding :

5. Provide a valid IP address of the LAN subnet along with its mask, default gateway and DNS sever address.

Interface Address

IP Address	<input type="text" value="192.168.1.2"/>
Netmask	<input type="text" value="255.255.255.0"/>
Default Gateway	<input type="text" value="192.168.1.1"/>
DNS Server 1	<input type="text" value="168.95.1.1"/>
DNS Server 2	<input type="text" value="168.95.192.1"/>

Please set up following services on Perimeter Gateway for mail server operation

Direction : External to Internal (Incoming)			Direction : Internal to External (Outgoing)		
Function	Protocol	Port	Function	Protocol	Port
Management Interface	TCP	80	DNS	TCP	53
	TCP	443		UDP	53
Send Mail	TCP	25	Send Mail	TCP	25
Receive Mail	TCP	110	Anti-Virus (Update Virus Definitions)	TCP	80
Web Mail	TCP	8080			
	TCP	1443			
DNS	TCP	53			
	UDP	53			

6. Synchronize System Clock, enable Synchronize with an Internet Time Server and set up offset hours from GMT to assure the correct time

System time : Wed, May 2 14:57:19 2007

Step3 : Synchronize system clock

Please set your time zone and time server parameters which will help you to record the logs correctly. Then click **[Next]**.

- Setup Time Zone :
Set offset hours from GMT [Assist](#)
- Synchronize system clock :
 - Enable synchronize with an Internet time Server
 - Enable daylight saving time setting, From / To /
 - Server IP / Name [Assist](#)
 - Update system clock every minutes (Range: 0 ~ 99999, 0 : refers to update during system booting)

[< Back](#) [Next >](#)

7. Enter corresponding domain name, the domain name must be applied first with domain name register.

Step4 : Domain Alias

Please enter at least 1 Domain Alias, ex: broadband.com.tw, then click **[Next]**.

#	Add New Domain Alias (Max. 80 characters)
1	chungpe.dyndns.org
2	Domain Name : <input type="text" value="chungpe.dyndns.org"/>
3	Domain Name : <input type="text"/>
4	Domain Name : <input type="text"/>
5	Domain Name : <input type="text"/>
6	Domain Name : <input type="text"/>
7	Domain Name : <input type="text"/>
8	Domain Name : <input type="text"/>
9	Domain Name : <input type="text"/>
10	Domain Name : <input type="text"/>
11	Domain Name : <input type="text"/>

[< Back](#) [Next >](#)

8. Apply permitted mail relay segments and domains.

Step5 : Mail Relay

Please enter at least 1 Sender IP, ex: LAN Subnet, then click **[Next]**.

- IP Address : Trust Sender IP or Subnet.
- Domain Name : Trust Domain of Recipient.

#	Add New Mail Relay	
1	<input type="radio"/> IP Address <input checked="" type="radio"/> Domain Name	Domain Name : chungpe.dyndns.org
2	<input type="radio"/> IP Address <input checked="" type="radio"/> Domain Name	Domain Name : <input type="text" value="chungpe.dyndns.org"/>
3	<input checked="" type="radio"/> IP Address <input type="radio"/> Domain Name	IP Address / Netmask : <input type="text"/> / <input type="text"/>
4	<input checked="" type="radio"/> IP Address <input type="radio"/> Domain Name	IP Address / Netmask : <input type="text"/> / <input type="text"/>
5	<input checked="" type="radio"/> IP Address <input type="radio"/> Domain Name	IP Address / Netmask : <input type="text"/> / <input type="text"/>
6	<input checked="" type="radio"/> IP Address <input type="radio"/> Domain Name	IP Address / Netmask : <input type="text"/> / <input type="text"/>
7	<input checked="" type="radio"/> IP Address <input type="radio"/> Domain Name	IP Address / Netmask : <input type="text"/> / <input type="text"/>
8	<input checked="" type="radio"/> IP Address <input type="radio"/> Domain Name	IP Address / Netmask : <input type="text"/> / <input type="text"/>
9	<input checked="" type="radio"/> IP Address <input type="radio"/> Domain Name	IP Address / Netmask : <input type="text"/> / <input type="text"/>
10	<input checked="" type="radio"/> IP Address <input type="radio"/> Domain Name	IP Address / Netmask : <input type="text"/> / <input type="text"/>
11	<input checked="" type="radio"/> IP Address <input type="radio"/> Domain Name	IP Address / Netmask : <input type="text"/> / <input type="text"/>

9. If resolving domain name is needed, please enable the **DNS Setting** option. Once the **DNS Setting** is enabled, the install wizard will take you to a further DNS setting after you click **Next**.

Step6 : DNS Setting (Optional)

If your domain name resolved by external DNS server, click **[Next]**, or you need the mail server to resolve the domain name, please **Enable** the following option, then click **[Next]**.

No Domain Alias has added, if you want to add DNS, please go back to **Step 4**, and set a Domain Alias

<input checked="" type="checkbox"/> DNS Setting : chungpe.dyndns.org
DNS Zone Configuration
No Domain Alias has added

10. Set up account learning approach/

Step7 : Learning Account Setting

Please select a method for learning mail accounts, then click **[Next]**.

- Query Old Mail Server, IP Address : Learning mail accounts from existing mail server.
- Automatically Learning : Learning mail accounts from both inbound and outbound mails.(Automatically)

Not Learning (Manual Setting)

Query Old Mail Server, IP Address

Automatically Learning

Enable LDAP [Test](#)

LDAP Server IP

LDAP Server Port (Range : 1 - 65535)

LDAP Search Base (Max. 255 characters, ex: dc=mail,dc=my_domain,dc=com)

User Name (Max. 255 characters)

Password (Max. 255 characters)

11. Set up default value for new account

Step8 : Default Value of New Account

Please enter default value of new account, then click **[Next]**.

Maximum Mail Box Quota for New Account MB (Inbox : MB, Others : 50 MB) (Range : 10 - 9999)

Maximum Web Disk Quota for New Account MB (Range : 0 - 9999 , 0 : means disable)

Maximum Message Size of a Mail MB (Range : 1 - 999)

12. If user purchases two ES-4000 devices and would like to build up HA feature, just select to enable HA feature and configure the IP address of another ES-4000. Both devices will synchronize the database when the connection builds up. For more detail configuration of HA, please check HA FAQ.

Step9 : High Availability Setting (Optional)

If there is no same model appliance available, then skip this step and click **[Next]** If there is another appliance of same model for backup purpose, please set as below:

1. Connect the port 1 of backup appliance to the same subnet as this appliance.
2. Connect the port 2 of backup appliance to the port 2 of this appliance with a crossover cable.
3. Enable High Availability below and apply the management interface address. The firmware on both appliances can be synchronized by checking **Automatic synchronous software of system**.
4. Click **[Next]** when complete setting. After Install Wizard finished, system will automatically go to the path of **[High Availability→Standby Hosts]**, there you will see the backup appliance shown on the list. Then select it.

Enable High Availability

IP Address (for Management)

Automatic synchronous software of system

13. Prompt users that the listed ports below should be opened on Perimeter Gateway while the ES-4000 is functioning.

Step10 : Attention

Please set up following services on Perimeter Gateway for mail server operation, then click **[Finish]**.

Direction : External to Internal (Incoming)

Function	Protocol	Port
Management Interface	TCP	80
	TCP	443
Send Mail	TCP	25
Receive Mail	TCP	110
Web Mail	TCP	8080
	TCP	1443
DNS	TCP	53
	UDP	53

Direction : Internal to External (Outgoing)

Function	Protocol	Port
DNS	TCP	53
	UDP	53
Send Mail	TCP	25
Anti-Virus (Update Virus Definitions)	TCP	80

14. Click **Finish**.

15. Go to **Account Management > Individual** to create e-mail account and password.

Export Account :

Import Account : (Max. upload size 5 MBytes.)

Individual Setting : 1 / 1

Valid Account (8) [Select All](#)

<input type="checkbox"/> 01	<input type="checkbox"/> 02	<input type="checkbox"/> 03	<input type="checkbox"/> 04	<input type="checkbox"/> 05
<input type="checkbox"/> chungpe	<input type="checkbox"/> julian	<input type="checkbox"/> karen_lo		

16. Click **Add** button and enter your account and password

Add New Account

Name	<input type="text" value="Airlive"/> (Max. 30 characters)
Password	<input type="password" value="*****"/> (Max. 20 characters)
Confirm Password	<input type="password" value="*****"/> (Max. 20 characters)
Mail Box Quota	<input type="text" value="100"/> MB (Inbox : <input type="text" value="50"/> MB, Others : 50 MB) (Range : 10 - 9999)
Used Inbox Size	0 KB (Utilization : <input type="text" value="0.00%"/>)
Web Disk Quota	<input type="text" value="100"/> MB (Range : 0 - 9999, 0 : means disable)
Maximum Message Size of a Mail	<input type="text" value="10"/> MB (Range : 1 - 999)
Copy Mail to Account	<input type="text"/> (Max. 80 characters, ex: admin@mydomain.com)

17. Click **OK** to finish configuration.

18. Open outlook Express go to **Tool> Account > Mail >Add >Mail**

Create new account in Outlook Express

A. Enter E-MAIL Display name



The screenshot shows a window titled "Internet Connection Wizard" with a close button in the top right corner. The main heading is "Your Name". Below the heading is a text box containing "Arlive". To the right of the text box is a mouse cursor icon. Below the text box is the text "For example: John Smith". At the bottom of the window are three buttons: "< Back", "Next >", and "Cancel".

Your Name

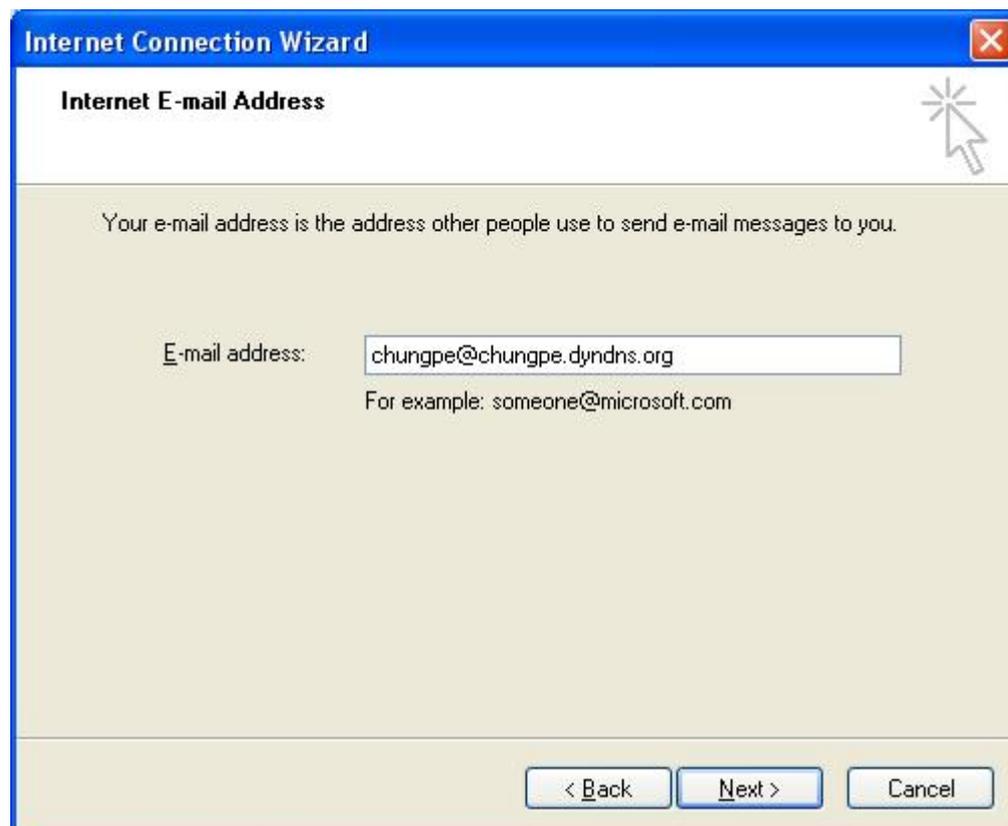
When you send e-mail, your name will appear in the From field of the outgoing message. Type your name as you would like it to appear.

Display name:

For example: John Smith

< Back Next > Cancel

B. Enter your E-mail address name.



The screenshot shows a window titled "Internet Connection Wizard" with a close button in the top right corner. The main heading is "Internet E-mail Address". Below the heading is a text box containing "chungpe@chungpe.dyndns.org". To the right of the text box is a mouse cursor icon. Below the text box is the text "For example: someone@microsoft.com". At the bottom of the window are three buttons: "< Back", "Next >", and "Cancel".

Internet E-mail Address

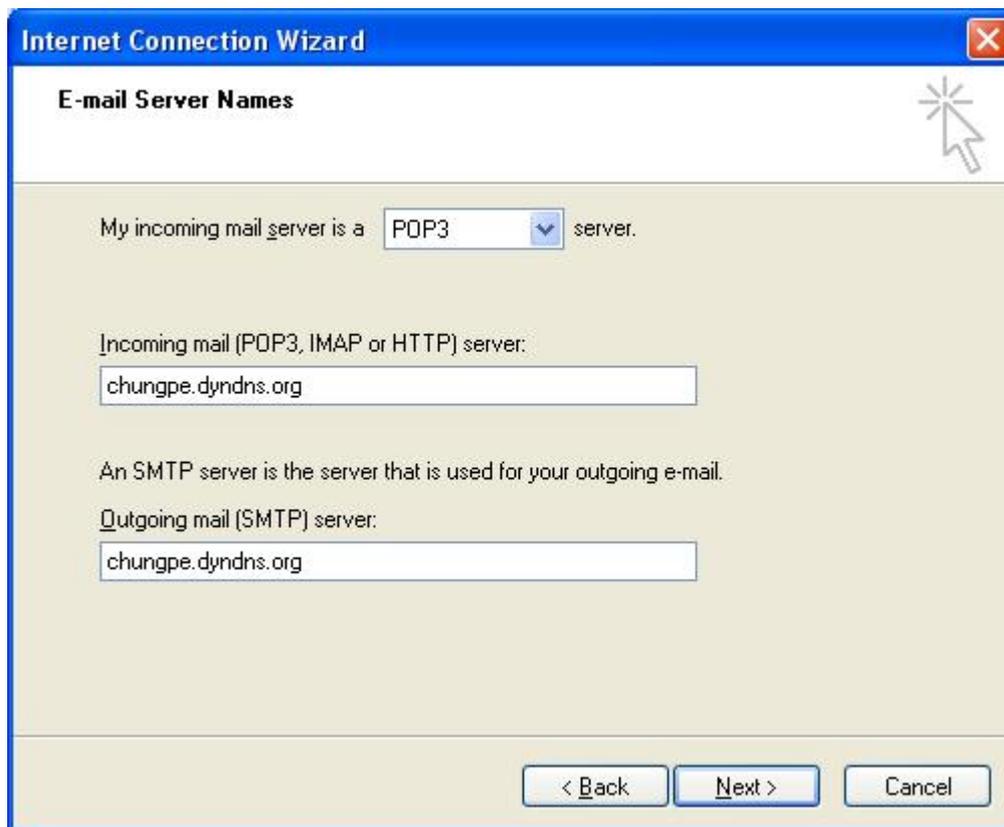
Your e-mail address is the address other people use to send e-mail messages to you.

E-mail address:

For example: someone@microsoft.com

< Back Next > Cancel

C. Enter POP3 and SMTP server name with IP or Domain configured at ES-4000.

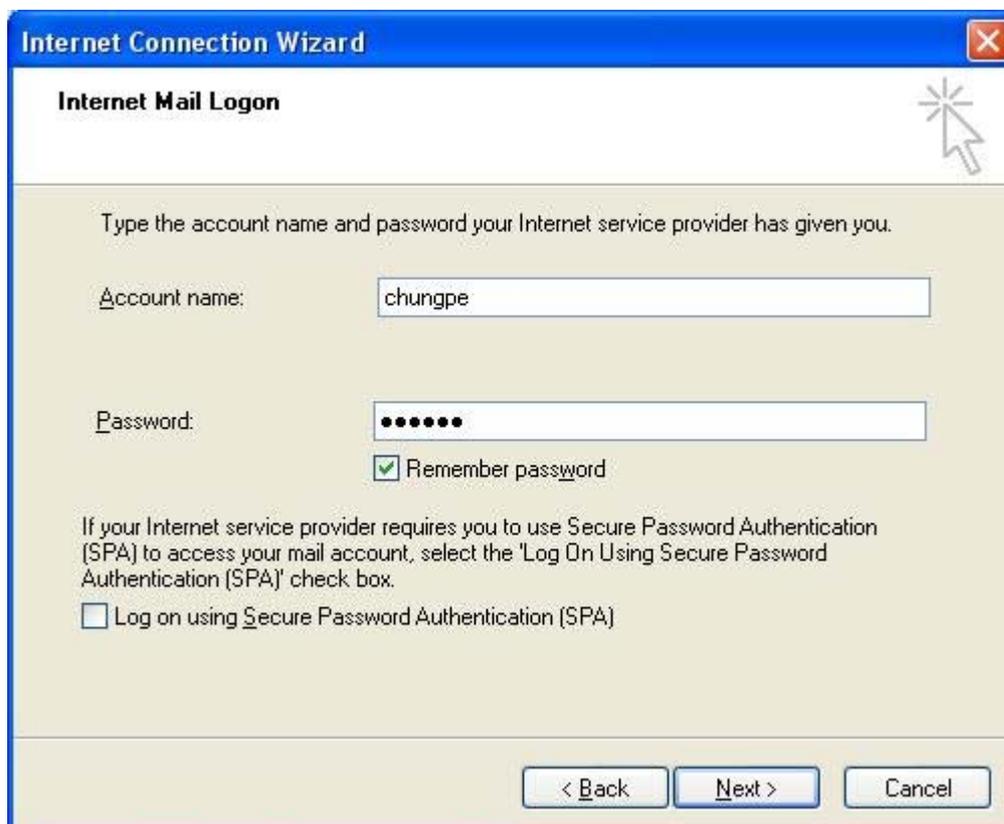


The screenshot shows the 'Internet Connection Wizard' window with the title 'E-mail Server Names'. The window has a blue title bar with a close button (X) in the top right corner. The main content area is light beige and contains the following text and fields:

- Text: "My incoming mail server is a **POP3** server." (The dropdown menu is set to 'POP3').
- Text: "Incoming mail (POP3, IMAP or HTTP) server:" followed by a text input field containing "chungpe.dyndns.org".
- Text: "An SMTP server is the server that is used for your outgoing e-mail."
- Text: "Outgoing mail (SMTP) server:" followed by a text input field containing "chungpe.dyndns.org".

At the bottom of the window, there are three buttons: "< Back", "Next >", and "Cancel". A mouse cursor is visible in the top right corner of the window.

D. Enter your account name and password to access ES-4000



The screenshot shows the 'Internet Connection Wizard' window with the title 'Internet Mail Logon'. The window has a blue title bar with a close button (X) in the top right corner. The main content area is light beige and contains the following text and fields:

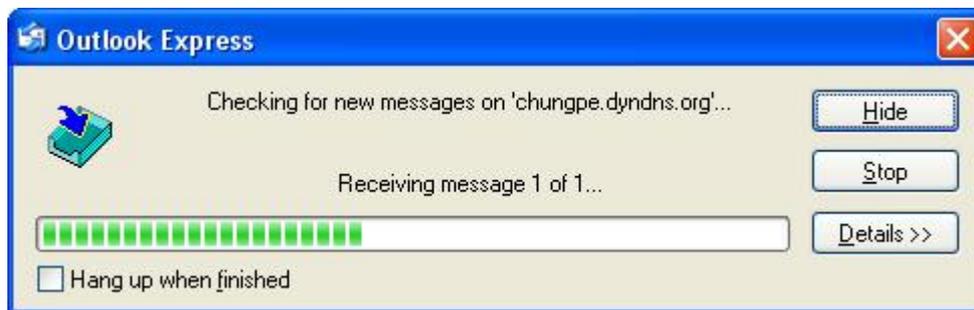
- Text: "Type the account name and password your Internet service provider has given you."
- Text: "Account name:" followed by a text input field containing "chungpe".
- Text: "Password:" followed by a password input field containing seven dots.
- Text: "Remember password" with a checked checkbox.
- Text: "If your Internet service provider requires you to use Secure Password Authentication (SPA) to access your mail account, select the 'Log On Using Secure Password Authentication (SPA)' check box."
- Text: "Log on using Secure Password Authentication (SPA)" with an unchecked checkbox.

At the bottom of the window, there are three buttons: "< Back", "Next >", and "Cancel". A mouse cursor is visible in the top right corner of the window.

E. Finish setting.



F. When finish the setting user can start to access mail service.



G. Back to ES-4000 Web UI, and go to **Mail Security > Mail Report > Statistics**, you will find the mail access status.

