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Hardware Configuration

Hardware Description:



- **Power LED:** Illuminates solid green when ALL7007 is first powered up. Start up takes up to one minute to complete.
- **Status LED:** When LED light start glittering, it means the system is under the status of booting. Around two minutes when the LED light stop glittering, it means the system is booting successful.
- **Reset:** Press the Reset button 2~3 seconds to reset the ALL7007 to the default settings.
- **WAN:** Connect to the external router.
- **LAN :** Connect to the intranet PCs.
- **DMZ:** Connect to the company's server(s).

Software Configuration

STEP 1 . Connect both the Administrator's PC and the LAN port of ALL7007 to a hub or switch. And use a web browser to display the configurations of the ALL7007 (such as Internet Explorer or Netscape). The default IP address of ALL7007 is <http://192.168.1.1> with a subnet mask of 255.255.255.0. Therefore, the IP address of the Administrator PC must be in the range between 192.168.1.2–192.168.1.254

STEP 2 . After the new IP of Administrator's PC take effect, enable IE or Netscape and connect to <http://192.168.1.1> And it can use browser to set up the parameter of ALL7007.

The following table is a list of virtual IP addresses. These addresses may not use WAN Real IP address.

10.0.0.0 ~ 10.255.255.255
172.16.0.0 ~ 172.31.255.255
192.168.0.0 ~ 192.168.255.255

STEP 3 . A pop-up screen will appear and prompt for a username and password. A username and password is required to connect to ALL7007. Enter the default login username and password of Administrator (FigureS-1).

- **Username:** admin
- **Password:** admin
- Click **OK**.



FigureS-1 Login WebUI

STEP 4 . After entering the username and password, select **Interface** on the left menu and click on **LAN**. (FigureS-2)

- **LAN:** enter IP address 192.168.1.1
- **Netmask:** 255.255.255.0
- Click **OK**.

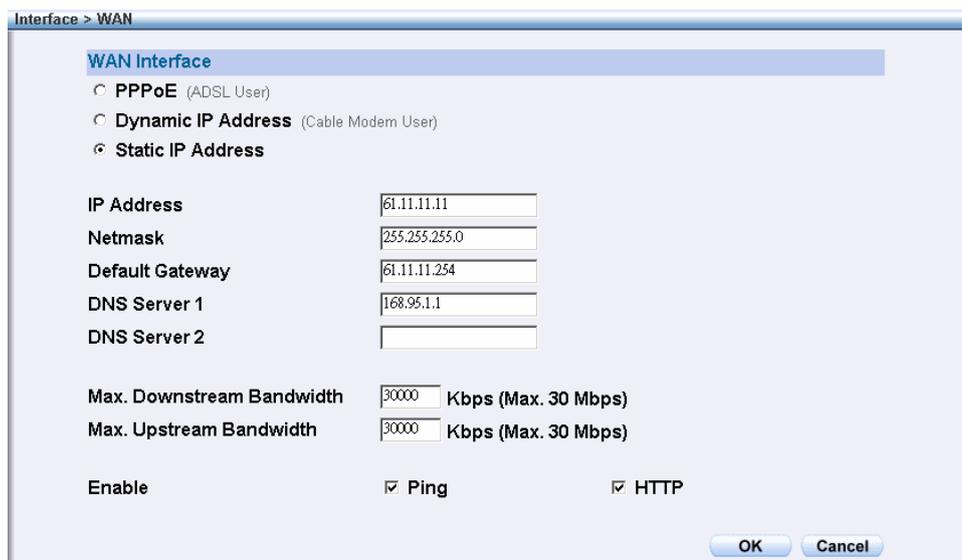


FigureS-2 IP Address and Netmask Setting

STEP 5 . If new LAN IP Address is not 192.168.1.1, after clicking on OK, it must change the System Manager's IP Address to be at the same subnet range as the new LAN IP. And enter the new LAN IP in browser website field and reconnect ALL7007 again.

STEP 6 . After entering to the main system WebUI of ALL7007, select **Interface** function on the left menu and click on **WAN**. (Figure S-3)

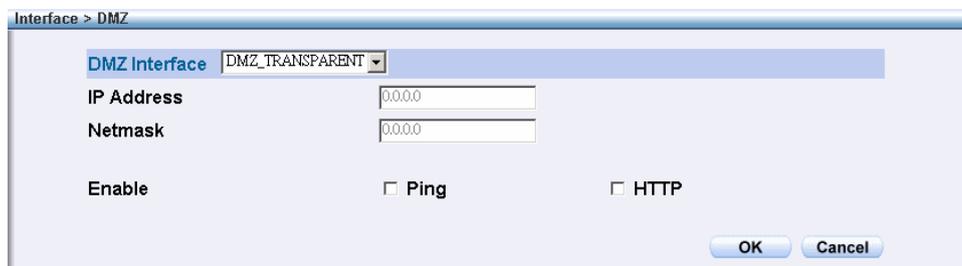
- **IP Address:** 61.11.11.11
- **Netmask:** 255.255.255.0
- **Default Gateway:** 61.11.11.254
- **DNS Server1:** 168.95.1.1
- Click **OK**.



FigureS-3 WAN Interface

STEP 7 . If Mail Server is in DMZ, it needs to set DMZ Interface; If Mail Server is set in WAN, and then skips Step 7

- Select **Interface** on the left menu and click **DMZ** function.
- **DMZ Interface:** Select DMZ_TRANSPARENT
- Click **OK**. ALL7007 will reboot again. It takes about 2 minutes to reboot. When the LED light stop glittering, it means reboot successfully and can enter WebUI again. (FigureS-4)

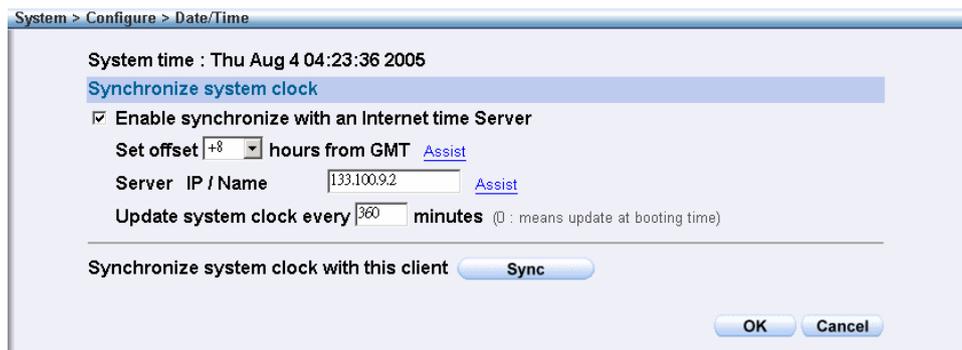


FigureS-4 DMZ WebUI

STEP 8 . Click on **System** function and click on **Date/Time** function in **Configure**.

STEP 9 . Enter the following setting in **Date/Time** setting:

- Select **Enable synchronize with an Internet time Server**.
Set offset **+8** hours from GMT
Enter the **Server IP/Name**: 133.100.9.2
Enter Update system clock every **360** minutes.
- Click **OK**. (FigureS-5)



FigureS-5 Date/Time Setting

STEP 10 . Click on **Policy** on the left function menu and then click on **Outgoing** from the sub-function list.

STEP 11 . Click **New Entry** (Figure S-6)

STEP 12 . At **Add New Policy** WebUI, enter the following information:

- **Source Address** – Select “**Inside_Any**”
- **Destination Address** – Select “**Outside_Any**”
- **Action:** Select “**PERMIT** ”
- Click **OK**

Add New Policy	
Source Address	Inside_Any
Destination Address	Outside_Any
Service	ANY
Action	PERMIT
Traffic Log	<input type="checkbox"/> Enable
Statistics	<input type="checkbox"/> Enable
Content Blocking	<input type="checkbox"/> Enable
Anti-Virus	<input type="checkbox"/> HTTP / WEBMAIL <input type="checkbox"/> FTP
Authentication User	None
Schedule	None
Alarm Threshold	0.0 KBytes/Sec
MAX. Concurrent Sessions	0 (0: means unlimited)
QoS	None

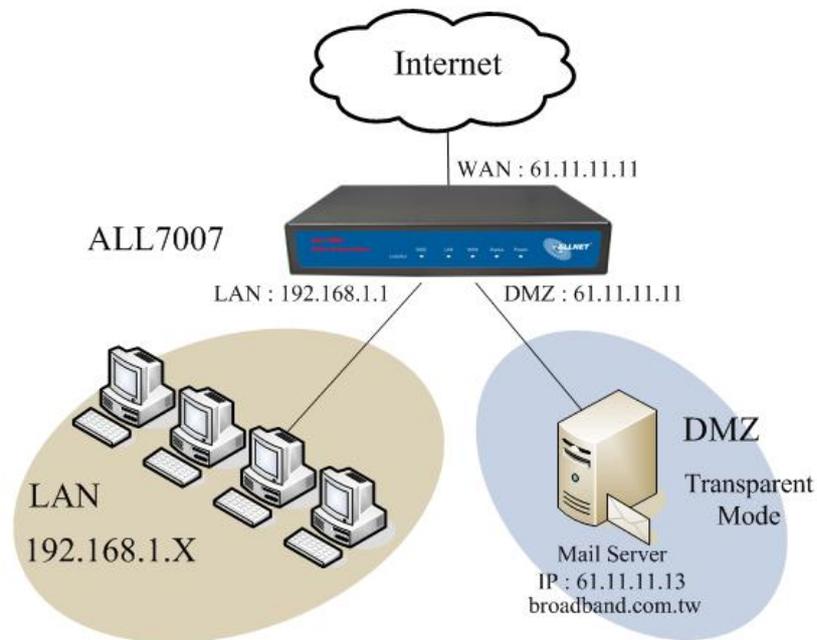
OK Cancel

Figure S-6 Add New Policy Setting

STEP 13 . If ALL7007 access control function is being required, please refer to **Policy** and **Address** to add some settings.

Mail Server is in DMZ or LAN

When Mail Server is in LAN or DMZ, it needs to set Mail Relay additionally.
(FigureS-7)



FigureS-7 Setting of Mail Server in DMZ

STEP 14 . Click on **Mail Security**, click on **Configure** and enter **Mail Relay** function.

STEP 15 . In **Mail Relay** WebUI, enter the following setting:

- **Domain Name of Mail Server:** broadband.com.tw
- **IP Address of Mail Server:** 61.11.11.13
- Click **OK** to complete Mail Relay Setting (FigureS-8)

The screenshot shows the 'Mail Security > Configure > Mail Relay' window. It has two radio buttons: 'Domain Name of Internal Mail Server' (selected) and 'Allowed External IP of Mail Relay'. Below these is a table for 'Add Domain Name' with two rows: 'Domain Name of Mail Server' with the value 'broadband.com.tw' and 'IP Address of Mail Server' with the value '61.11.11.13'. At the bottom right are 'OK' and 'Cancel' buttons.

Add Domain Name	
Domain Name of Mail Server	broadband.com.tw
IP Address of Mail Server	61.11.11.13

FigureS-8 Complete Mail Relay Setting

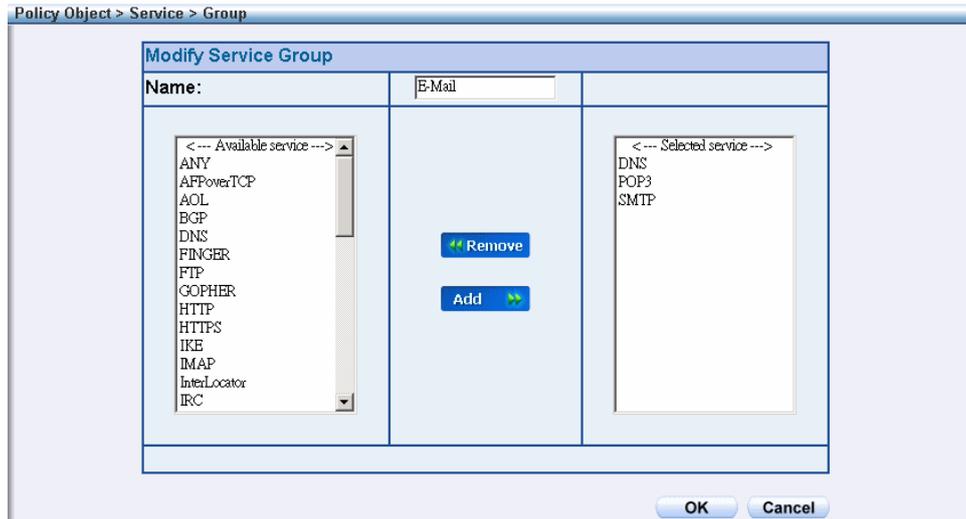
STEP 16 . Enter **Policy Object** function and select **Group** in **Service** function.

STEP 17 . Enter the following setting in Group WebUI:

- **Name:** e-Mail

- **Add New Service:** DNS, POP3, SMTP

- Click **OK** to complete Group Setting (FigureS-9)



FigureS-9 Complete Group Setting

STEP 18 . In Policy function, add new WAN to DMZ Policy, DMZ to WAN Policy, LAN to DMZ Policy individually.

【WAN to DMZ】 :

- **Source Address:** Select “**Outside_Any**”
- Destination Address:** Select “**DMZ_Any**”
- Service:** Select “**e-Mail**”
- Action:** Select “**PERMIT** ”
- Click **OK**

【DMZ to WAN】 :

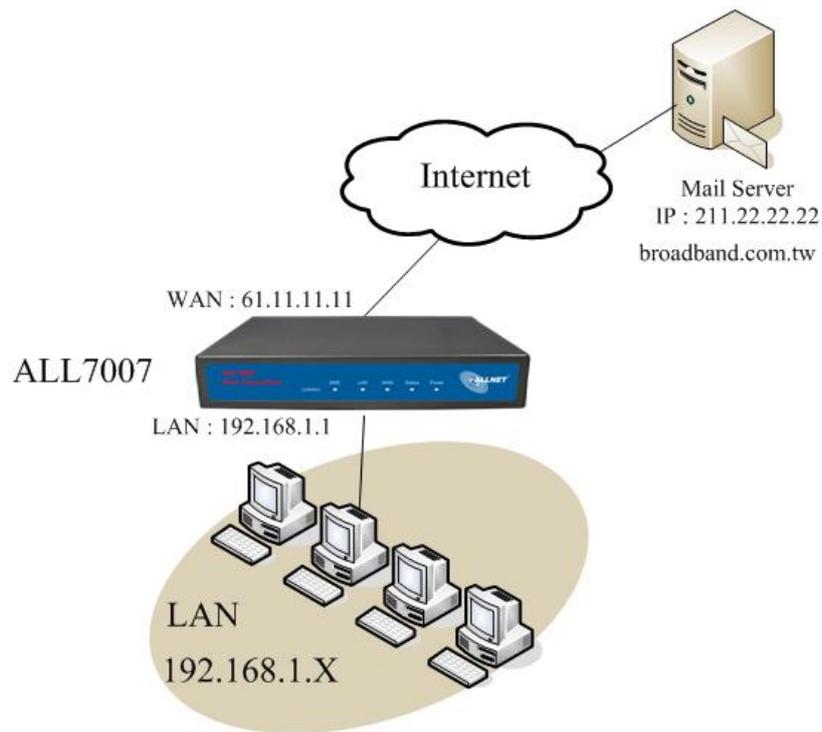
- **Source Address:** Select “**DMZ_Any** ”
- Destination Address:** Select “**Outside_Any**”
- Service:** Select “**e-Mail**”
- Action:** Select “**PERMIT**”
- Click **OK**

【LAN to DMZ】 :

- **Source Address:** Select “**Inside_Any** ”
- Destination Address:** Select “**DMZ_Any**”
- Service:** Select “**e-Mail**”
- Action:** Select “**PERMIT**”
- Click **OK**

Mail Server is in WAN

When Mail Server is in WAN, it does not need to set Mail Relay function. Only have to set up to Step13. (FigureS-10)



FigureS-10 Mail Server in WAN