

# AL-2180 Port Forwarding Set UP Instructions

1. Click on the 'Services' tab.

Home | LAN | WAN | Bridging | Routing | **Services** | Admin

NAT | RIP | FireWall | IP Filter | Bridge Filter | DNS | Blocked Protocols | DDNS | UPnP | SNTP

### Network Address Translation (NAT) Configuration

Use this page to configure Network Address Translation, a security protocol in which the device translates the IP addresses of your LAN computers to new addresses before sending data out on the Internet.

NAT Options:    
NAT Global Info  
NAT Rule Entry  
NAT Translations

Enable

NAT Global Information	
TCP Idle Timeout(sec):	86400
TCP Close Wait(sec):	60
TCP Def Timeout(sec):	60
UDP Timeout(sec):	300
ICMP Timeout(sec):	6
GRE Timeout(sec):	300
ESP Timeout(sec):	300
Default Nat Age(sec):	240
NAPT Port Start:	50000
NAPT Port End:	51023

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2. Click on 'NAT'.



3. Select 'Nat Rule Entry' from the drop down list.

4. Click on the 'Submit' button.

## Network Address Translation (NAT) Rule Configuration

Each row in the table lists a rule for translating addresses. See Help for instructions on creating NAT rules.

NAT Options: NAT Rule Entry

Rule ID	IF Name	Rule Flavor	Protocol	Local IP From	Local IP To	Action
1	ALL	NAPT	ANY	0.0.0.0	255.255.255.255	  <a href="#">Stats</a>

5. Click on the 'Add' button.



### NAT Rule - Add

NAT Rule Information				
<i>Rule Flavor:</i>	RDR <input type="button" value="v"/>			
<i>Rule ID:</i>	007			
<i>IF Name:</i>	ALL <input type="button" value="v"/>			
<i>Protocol:</i>	ANY <input type="button" value="v"/>			
<i>Local Address From:</i>	192	168	1	22
<i>Local Address To:</i>	192	168	1	22
<i>Global Address From:</i>	0	0	0	0
<i>Global Address To:</i>	0	0	0	0
<i>Destination Port From:</i>	Any other port <input type="button" value="v"/>	4662		
<i>Destination Port To:</i>	Any other port <input type="button" value="v"/>	4662		
<i>Local Port:</i>	Any other port <input type="button" value="v"/>	0		

Submit

Cancel

Help

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6. Enter a name in the Rule ID box.

7. Enter the IP address of the host PC/device in these boxes.

8. Enter the required communication port in these boxes.

9. Click on the 'Submit'.



NAT Rule Added Successfully...

Please click [here](#) to go back to the NAT Rule - Add page.

Close

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**10. To add more port click on 'here'.**



### NAT Rule - Add

NAT Rule Information				
<i>Rule Flavor:</i>	RDR <input type="button" value="v"/>			
<i>Rule ID:</i>	008			
<i>IF Name:</i>	ALL <input type="button" value="v"/>			
<i>Protocol:</i>	ANY <input type="button" value="v"/>			
<i>Local Address From:</i>	192	168	1	22
<i>Local Address To:</i>	192	168	1	22
<i>Global Address From:</i>	0	0	0	0
<i>Global Address To:</i>	0	0	0	0
<i>Destination Port From:</i>	Any other port <input type="button" value="v"/>	4672		
<i>Destination Port To:</i>	Any other port <input type="button" value="v"/>	4672		
<i>Local Port:</i>	Any other port <input type="button" value="v"/>	0		

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11. Enter a name in the Rule ID box.

12. Enter the IP address of the host PC/device in these boxes.

13. Enter the required communication port in these boxes.

14. Click on the 'Submit'.



NAT Rule Added Successfully...

Please click [here](#) to go back to the NAT Rule - Add page.

Close

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15. To add more port click on



### NAT Rule - Add

NAT Rule Information				
<i>Rule Flavor:</i>	RDR <input type="button" value="v"/>			
<i>Rule ID:</i>	110			
<i>IF Name:</i>	ALL <input type="button" value="v"/>			
<i>Protocol:</i>	ANY <input type="button" value="v"/>			
<i>Local Address From:</i>	192	168	1	22
<i>Local Address To:</i>	192	168	1	22
<i>Global Address From:</i>	0	0	0	0
<i>Global Address To:</i>	0	0	0	0
<i>Destination Port From:</i>	Any other port <input type="button" value="v"/>	5630		
<i>Destination Port To:</i>	Any other port <input type="button" value="v"/>	5638		
<i>Local Port:</i>	Any other port <input type="button" value="v"/>	0		

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16. Enter a name in the Rule ID box.

17. Enter the IP address of the host PC/device in these boxes.

18. Enter the required communication port range in these boxes.

19. Click on the 'Submit'.



NAT Rule Added Successfully...

Please click [here](#) to go back to the NAT Rule - Add page.

Close

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**20. Click on the 'Close' button.**

21. Click on the 'Admin' tab.

CONEXANT

Home LAN WAN Bridging Routing Services **Admin**

NAT | RIP | FireWall | IP Filter | Bridge Filter | DNS | Blocked Protocols | DDNS | UPnP | SNTP

### Network Address Translation (NAT) Rule Configuration

Each row in the table lists a rule for translating addresses. See Help for instructions on creating NAT rules.

NAT Options: NAT Rule Entry ▾

Rule ID	IF Name	Rule Flavor	Protocol	Local IP From	Local IP To	Action
1	ALL	NAPT	ANY	0.0.0.0	255.255.255.255	<b>Stats</b>
7	ALL	RDR	ANY	192.168.1.22	192.168.1.22	<b>Stats</b>
8	ALL	RDR	ANY	192.168.1.22	192.168.1.22	<b>Stats</b>
110	ALL	RDR	ANY	192.168.1.22	192.168.1.22	<b>Stats</b>

**Add** **Refresh** **Help**

22. Click on 'Commit & Reboot'.

CONEXANT

Home LAN WAN Bridging Routing Services Admin

User Config | Commit & Reboot | Local Image Upgrade | Remote Image Upgrade | Alarm | Diagnostics | Port Settings | System Log | Backup/Restore Config | Management Control | Autodetect | SNMP Config | SSH Config | Parental Control

### Commit & Reboot

Use this page to commit changes to system memory and reboot your system with different configurations.

Reboot Mode:

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23. Select 'Reboot' from the drop down list.

24. Click on the 'Commit' button a message will appear to confirm the settings are saved, and it will return to this page when the process is complete.