



# Application Guide

---Service DMZ



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## Revision History

Updates between document versions are cumulative. Therefore, the latest document version contains all updates made to previous versions.

Doc Version	Product	Release Data	Details
V1.0	Hongdian Router	2020.09.02	First Release

# 1 Overview

The Hongdian router supports DMZ feature, it means when a PC is set to be a DMZ (Demilitarized Zone) host on the local network, it is totally exposed to the internet, which can realize the unlimited bidirectional communication between internal hosts and external hosts. The DMZ host becomes a virtual server with all ports opened.

Here I will introduce how to configure.

## 2 Description

1. Make sure the router connect to internet via wan port.in this guide ,the wan ip is 192.168.11.74.

The screenshot shows the router's web interface with the 'Status' tab selected. The 'WAN' sub-tab is also selected. The page displays the following configuration:

Category	Parameter	Value
WAN Status	Status	Enable
	Wan Type	dhcp
IPv4	IP	192.168.11.74
	Mask	255.255.255.0
	MAC	00:50:C2:C3:A8:FB
	Wan Type	static IP
IPv6	Wan Type	static IP
	IPv6	

A 'Refresh' button is located at the bottom of the configuration area. A 'Help' button is also visible on the right side of the page.

2. Forward- → NAT- → DMZ, select the interface you need from (br0/eth0/eth1/modem), in this guide, we use eth0(wan port). 192.168.8.253 is the IP address of the lower computer.

The screenshot shows a network configuration interface with the following elements:

- Navigation tabs: Network, IPv6, Applications, VPN, **Forward**, Security, System, Status, Logout.
- Sub-navigation tabs: **NAT**, Routing, RIP, OSPF, BGP, QOS.
- Basic Settings** section:
  - NAT Type:  DNAT  SNAT  MASQ  **DMZ**
  - Interface: eth0 (dropdown)
  - Mapping Address: 192.168.8.253 (text input) \* eg. 192.168.0.1
- Buttons: Save, Return.
- Help** section:
  - NAT/NAPT:** NAT is the abbreviation of Network Address Translation. It maps the external IP address to a host or terminal in your LAN. It isolates unidentified data envelopes to guard the LAN against hacker's attack. When the Original and Mapping ports are empty, DMZ can be configured by DNAT. To use DMZ, first setup NAT to keep the remote http access port on the device.
  - Port:** Setup specific port settings here, it can support ports 1 to 65535. Port range can be set in a range; i.e 100-200. The port range value is better when less than 100. Ensure the original port has the same range and the same discrepancy range as the mapping port.

3. Done! The configuration is completed. You've set your PC(192.168.8.253) to a DMZ host.




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## **Contact us**

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