Template:Networking rut2xx manual mobile bridge mode

Bridge mode

In **Bridge** mode the router assigns its WAN IP address to another device. It is used instead of [Network Address Translation](#) (NAT) in order to make the router "transparent" in the communication process. The main difference between Passthrough and Bridge is that in Passthrough, the router's DHCP Server still works and the regular LAN interface is still up, allowing clients to connect to the router's local network as usual, while Bridge mode disables all of these features and simply gives the a single specified device its WAN IP address. Since Bridge uses less of the router's features, it is a bit faster than Passthrough.

To begin configuring Bridge mode, make sure that WAN failover is turned off and mobile is set as main WAN in the *Network → [[{{{name}}} WAN|WAN]]* page. Then in the *Network → Mobile* page select *Mode: Bridge* in the mobile configuration section. You will then see an additional configuration field for entering a MAC address appear *Mode* field.

Important: using Bridge mode will disable most of the router's other capabilities.

[[File:{{{file_bridge}}}]]

Field	Value	Description
Bind to MAC	mac; default: **none**	Specifies the MAC address of the device that will work with the router in Bridge mode, i.e., the device whose MAC is specified in this field will be assigned the router's Mobile WAN IP address.

If you have configured Bridge mode and can no longer reach your router, you'll need to set up a Static IP address on your PC in order to do so. If you don't know how to set up a Static IP, you can use one of our "how to" guide on this subject:

- **[Windows guide](#)**
- **[Linux guide](#)**