

RUT850 Routing

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Summary

This chapter is an overview of the Routing section in RUT devices.

Static Routes

Static routes specify over which interface and gateway a certain host or network can be reached. In this page you can configure your own custom routes.



field name	value	description
Routing table	Main WAN WAN2 WAN3; Default: WAN	Defines which table will be used for the route in question
Interface	LAN WAN(wired) WAN2(Mobile) WAN3(WiFi) VPN instances; Default: WAN(wired)	The zone where the target network resides
Destination address*	ip; Default: 0.0.0.0	The address of the destination network
Netmask*	ip; Default: 0.0.0.0	A Mask that is applied to the Target to determine to what actual IP addresses the routing rule applies
Gateway	ip; Default: " "	Defines where the router should send all the traffic that applies to the rule
Metric	integer; Default: 0	The Metric value is used as a sorting measure. If a packet about to be routed fits two rules, the one with the higher metric is applied

*Additional notes on Destination & Netmask:

You can define a rule that applies to a single IP like this: Destination - some IP; Netmask - 255.255.255.255. Furthermore, you can define a rule that applies to a segment of IPs like this: Destination - some IP that STARTS some segment; Netmask - Netmask that defines how large the segment is. e.g.:

field name	value	description
192.168.55.161	255.255.255.255	Only applies to 192.168.55.161
192.168.55.0	255.255.255.240	Applies to IPs in the 192.168.55.0 - 192.168.55.255
192.168.55.240	255.255.255.240	192.168.55.240 - 192.168.55.255
192.168.55.161	255.255.255.0	192.168.55.0 - 192.168.55.255
192.168.0.0	255.255.0.0	192.168.0.0 - 192.168.255.255