# Template:Networking rut2xx upnp

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# Contents

# Summary

**UPnP** allows clients in the local network to automatically configure the router. This chapter is a summary of the UPnP function in RUT routers

[Template:Networking rutxxx manual fw disclosure](#)

# Active UPnP Redirects

In this table you can see all currently active UPnP redirects.

[[File:{{{file_redirects}}}|border|class=tlt-border]]

# General Settings

[[File:{{{file_settings1}}}|border|class=tlt-border]]

| field name | value | description |
|---|---|---|
| Enabled | no \| yes; Default: **no** | Toggles UPnP ON or OFF |
| Enable secure mode | no \| yes; Default: **yes** | Toggles secure mode ON or OFF |
| Enable additional logging | no \| yes; Default: **no** | Puts extra debugging information into the system log |
| Downlink | integer; Default: **1024** | Bandwidth available for traffic coming in from the external interface in kilobytes per second. Note that this only information given to clients, it doesn't control the speed. In order to control the speed, you can try configuring [[{{{name}}}_QoS#QoS\|QoS]]. |
| Uplink | integer; Default: **512** | Bandwidth available for traffic out the external interface in kilobytes per second. Note that this only information given to clients, it doesn't control the speed. In order to control the speed, you can try configuring [[{{{name}}}_QoS#QoS\|QoS]]. |

| field name | value | description |
| --- | --- | --- |
| Port | integer [1..65535]; Default: **5000** | Port to listen for requests |

# Advanced Settings

[[File:{{{file_settings2}}}|border|class=tlt-border]]

| field name | value | description |
| --- | --- | --- |
| Report system instead of daemon uptime | >no \| yes; Default: **yes** | Use system uptime as UPnP uptime |
| Device UUID | string; Default: **unique** | The Device UUID attribute specifies and uniquely identifies a device that supports Universal Plug and Play (UPnP) |
| Announced serial number | string; Default: " " | Specifies serial number for XML Root Desc. |
| Announced model number | string; Default: " " | Specifies model number for XML Root Desc. |
| Notify interval | integer; Default: " " | Interval in which UPnP capable devices send a message to announce their services |
| Clean ruler threshold | integer; Default: " " | Minimum number of redirections before clearing rules table of old (active) redirections |
| Clean ruler interval | integer; Default: " " | Number of seconds before cleaning redirections |
| Presentation URL | string; Default: " " | Presentation url used for the Root Desc. |
| UPnP lease file | string; Default: **/var/upnp.leases** | Stores active UPnP redirects in a lease file (specified), like DHCP leases |

# UPnP ACLs

ACLs specify which external ports may be redirected to which internal addresses and ports. There are two preconfigured rules, one to allow high ports, and another to deny the rest. Highest priority is at the top of a list and goes down. To add another specific rule press add button

[[File:{{{file_ACLs}}}|border|class=tlt-border]]

| field name | value | description |
| --- | --- | --- |
| Comment | string; Default: " " | Adds a comment to this rule |
| External ports | integer [0..65535]] \| range of integers [0-65535]; Default: " " | External port(s) which may be redirected. May be specified as a single port or a range of ports. To specify a range use a dash ('-') symbol between two integer numbers |
| Internal Addresses | ip/integer [0..32]; Default: " " | Internal address to be redirect to |
| Internal ports | integer [0..65535]] \| range of integers [0-655355]; Default: " " | Internal port(s) to be redirect to May be specified as a single port or a range of ports. To specify a range use a dash ('-') symbol between two integer numbers |

| Action | allow \| deny; Default: **allow** | Allows or forbids the UPnP service to open the specified port |
| --- | --- | --- |

[[Category:{{{name}}} WebUI]]