RUT230 Events Log

The information in this page is updated in accordance with the **RUT2XX_R_00.01.14.1** firmware version.

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Contents

Summary

In the **Events Log** window you can view records of events such as logins, reboots, resets, connections, configuration changes and more.

All Events

In this section you can view all occurred events.

System Events

In this section you can view all system events at once or filter it by choosing a type of events you want to see.

Network Events

In this section you can view all network events at once or filter it by choosing a type of events you want to see.

Events Reporting

The **Events Reporting** section gives you the ability to configure rules that will inform you via SMS or email when certain events occur on your router. These events can be almost anything – configuration changes, reboots, new connections, various status updates, etc.

Events Reporting Configuration

Events Reporting Configuration is used to create and customize Events Reporting Rules. Here you can specify any event type and subtype, chose whether you want to be informed by an SMS message or email, modify what kind of information you want receive should an event occur. To open this window, choose an Event type, Event subtype and Action and click the **Add** button. A new rule should appear in the Events Reporting Rules tab. Click the **Edit** button located next to that rule after which you will be redirected to that rule's configuration window.

Send SMS

FIELD NAME	VALUE	DESCRIPTION
Enable	yes | no; Default: **no**	Toggles the rule ON or OFF
Event type	Config change | New DHCP client | Reboot | SSH | WebUI | New WiFi client | LAN port state | WAN Failover | Mobile data | SMS | Signal Strength; Default: **Config change**	The type of event that you wish to receive information about
Event subtype	**Sample:** After unexpected shut down	Specified event's sub-type. This field changes in accordance with **Event type**
Action	Send SMS | Send email; Default: **Send SMS**	Action that is to be taken after the specified event occurs
Enable delivery retry	yes | no; Default: **yes**	Toggles delivery retry On or OFF. If for some reason the message delivery is unsuccessful, the router initiates a retry if this field is enabled

Retry interval	1 min. | 5 min. | 10 min. | 15 min. | 30 min. | 60 min.; Default **5 min.**	Specifies when the router should try re-sending the message in case the first attempt was a failure
Retry count	2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10; Default: **2**	Specifies the maximum number of failed attempts after which the router does not try to send the message anymore
Message text on Event	string; Default: **Router name - %rn; Event type - %et; Event text - %ex; Time stamp - %ts;**	Specifies the text that the message will contain
Get status after reboot	yes | no; Default: **no**	Specifies whether the router should send an SMS message indicating the router's status after the reboot in addition to the original message
Status message after reboot	string; Default: **Router name - %rn; WAN IP - %wi; Data Connection state - %cs; Connection type - %ct; Signal strength - %ss; New FW available - %fs;**	Specifies the text that the status message will contain. This field becomes visible only if **Get status after reboot** is checked
Recipients	Single number | User group; Default: **Single number**	Specifies the intended recipients. A guide on how to create a User group can be found in the SMS Utilities chapter, User Groups section
Recipient's phone number	phone number; Default: **none**	The intended recipient's phone number. To add more than one number, click the green plus symbol located to the right of this field. The phone number must be entered in the international format, but without dash symbols or spaces, e.g., **+37061234567**

Send Email

FIELD NAME	VALUE	DESCRIPTION
Enable	yes | no; Default: **no**	Toggles the rule ON or OFF
Event type	Config change | New DHCP client | Reboot | SSH | WebUI | New WiFi client | LAN port state | WAN Failover | Mobile data | SMS | Signal Strength; Default: **Config change**	The type of event that you wish to receive information about
Event subtype	**Sample:** After unexpected shut down	Specified event's sub-type. This field changes in accordance with **Event type**
Action	Send SMS | Send email; Default: **Send SMS**	Action that is to be taken after the specified event occurs
Enable delivery retry	yes | no; Default: **yes**	Toggles delivery retry On or OFF. If for some reason the message delivery is unsuccessful, the router initiates a retry if this field is enabled
Retry interval	1 min. | 5 min. | 10 min. | 15 min. | 30 min. | 60 min.; Default **5 min.**	Specifies when the router should try re-sending the message in case the first attempt was a failure
Retry count	2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10; Default: **2**	Specifies the maximum number of failed attempts after which the router does not try to send the message anymore
Subject	string; Default: **none**; Character limit: **26**	Specifies the subject of the email message
Message text on Event	string; Default: **Router name - %rn; Event type - %et; Event text - %ex; Time stamp - %ts;**	Specifies the text that the message will contain
Get status after reboot	yes | no; Default: **no**	Specifies whether the router should send an SMS message indicating the router's status after the reboot in addition to the original message. If this is checked you will be prompted to enter the text that the status message should contain
SMTP server	ip | host; Default: **none**	Sender's email service provider's SMTP server. If you don't know the SMTP server's address, you can easily look it up online since it is public information
SMTP port	integer [0..65535]; Default: **none**	Sender's email service provider's SMTP port. If you don't know the SMTP server's port, you can easily look it up online since it is public information
Secure connection	yes | no; Default: **no**	Toggles secure connection feature ON or OFF (use only if the email service provider's server supports SSL or TLS)
Username	string; Default: **none**	Sender's email account's login user name
Password	string; Default: **none**	Sender's email account's login password
Sender's email address	email; Default: **none**	The email address of the sender, i.e., the report message will be sent from this email. Make sure this is the same email that you provided login information to
Recipient's email address	email; Default: **none**	The intended recipient's email address. To add more than one email address, click the green plus symbol located to the right of this field
Send test mail	-	Sends a test mail using the information that you provided. Once you click this button, the router will login to the provided email account and send the specified message to the specified address(-es). You should always send a test mail before finishing the configuration to make sure that everything is in order

Event Types and Sub-types

The examples provided above are both concerning the **Reboot** Event type and **After unexpected shut down** sub-type. This section is an overview of all other Event type and sub-types.

Config change

ENEBT SUB-TYPE	DESCRIPTION
All	Sends a report message when any type of configuration changes are applied
OpenVPN	Sends a report message when any **OpenVPN** configuration changes are applied. For example, whenever a new OpenVPN instance is created, an OpenVPN instance gets disabled/enabled, an OpenVPN instance's protocol is changed from UDP to TCP or vice versa, etc.
SMS	Sends a report message when any SMS related configuration changes are applied. For example, whenever a new **SMS Utilities** rule is created or changed, changes are made to **Auto Reply** or **Remote configurations**, etc.
Mobile traffic	Sends a report message when **Mobile Traffic** Logging is enabled/disabled or logging interval is changed.
Multiwan	Sends a report message when changes to WAN **Backup** configuration are applied. For example, whenever a switch from using Wired as main WAN to backup WAN occurs, Wireless is added as a Backup WAN, Health monitor configurations are changed, etc.
Mobile	Sends a report message when any **RUT230_Mobile** configuration changes are applied. For example, whenever Service mode, APN, Connection type is changed, etc.
Data limit	Sends a report message when any **Mobile Data Limit** configuration changes are applied. For example, whenever new data limit is configured, data limit gets disabled/enabled on SIM1/SIM2, data limit period is changed, etc.
Events reporting	Sends a report message when any configuration changes to Events Reporting are applied. For example, whenever a new Events Reporting Rule is created, changed, deleted, etc.
Periodic reboot	Sends a report message when any configuration changes to **Periodic Reboot** are applied. For example, whenever Periodic Reboot gets enabled/disabled, Periodic Reboot interval is changed, etc.
GRE Tunnel	Sends a report message when any configuration changes to **GRE Tunnel** are applied. For example, whenever a new GRE Tunnel instance is created, deleted, enabled/disabled, Local tunnel IP is changed, etc.
Ping reboot	Sends a report message when any configuration changes to **Ping Reboot** are applied. For example, whenever Ping Reboot gets enabled/disabled, host to ping has changed, etc.
Auto update	Sends a report message when any configuration changes to Auto update are applied
Site blocking	Sends a report message when any configuration changes to **Site Blocking** are applied. For example, whenever Whitelist is changed to Blacklist or vice versa, a new entry is added to Blacklist/Whitelist, etc.
PPTP	Sends a report message when any configuration changes to **PPTP** are applied. For example, whenever a new PPTP instance was created, deleted, enabled/disabled, PPTP server address was changed, etc.
Hotspot	Sends a report message when any configuration changes to **Hotspot** are applied. For example, whenever Hotspot SSID was changed, Radius server was changed, Hotspot was enabled/disabled, etc.
Input/Output	Sends a report message when any configuration changes to **Input/Output** are applied. For example, whenever a new **Periodic Output Control** Rule was created, changed, deleted, an output was turn ON/OFF, etc.
Content blocker	Sends a report message when any configuration changes to **Proxy Based Content Blocker** are applied. For example, whenever Whitelist is changed to Blacklist or vice versa, a new entry is added to Blacklist/Whitelist, etc.
Login page	Sends a report message when any **Language Settings** are changed
Language	Sends a report message when any **Language Settings** are changed
Profile	Sends a report message when a new **Profile** is added or deleted
DDNS	Sends a report message when any configuration changes to **Dynamic DNS** are applied. For example, whenever a new DDNS instance is created, changed, deleted or edited
IPsec	Sends a report message when any configuration changes to **IPsec** are applied. For example, a new IPsec instance is created, changed, deleted, etc.
Access control	Sends a report message when any configuration changes to Access Control are applied. For example, SSH/HTTP/HTTPS remote or local access is enabled/disabled, changes are made to SSH or WebUI Access Secure, etc.
DHCP	Sends a report message when any configuration changes to **DHCP** are applied. For example, whenever DHCP Server is enabled/disabled, DHCP address range is changed
VRRP	Sends a report message when any configuration changes to **VRRP** are applied. For example, whenever VRRP is enabled/disabled, VRRP IP address is changed, etc.
SSH	Sends a report message when any configuration changes to SSH are applied
Network	Sends a report message when any Network related configuration changes are applied. For example, whenever Main WAN is changed, LAN IP address is changed, a WiFi Access Point is enabled/disabled, etc.
Wireless	Sends a report message when any configuration changes to **Wireless** are applied. For example, a new Wi-Fi Access point is created, deleted, enabled/disabled, SSID is changed, etc.
Firewall	Sends a report message when any configuration changes to **Firewall** are applied. For example, a new Traffic rule is added, a new SNAT rule is added, a rule is disabled/enabled, etc.
NTP	Sends a report message when any configuration changes to **NTP** are applied. For example, whenever NTP is enabled/disabled, Time zone is changed, etc.
L2TP	Sends a report message when any configuration changes to **L2TP** are applied. For example, whenever a new L2TP instance was created, changed, deleted, etc.
Other	Sends a report message when any configuration changes other than the ones provided above are applied

New DHCP client

EVENT SUB-TYPE	DESCRIPTION
All	Sends a report message when a new devices is connected to the router either via LAN or Wi-Fi
Connected from WiFi	Sends a report message when a new device is connected to the router via Wi-Fi

Connected from LAN	Sends a report message when a new device is connected to the router via LAN port

Mobile Data

EVENT SUB-TYPE	DESCRIPTION
All	Sends a report message when mobile data connection status changes (from Connected to Disconnected or vice versa)
Connected	Sends a report message when mobile data connection is achieved
Disconnected	Sends a report message when mobile data connection is lost

SMS

EVENT SUB-TYPE	DESCRIPTION
SMS received	Sends a report message when the router receives a new SMS message

Signal Strength

EVENT SUB-TYPE	DESCRIPTION
All	Sends a report message when the router's **RSSI** value leaves any one of the below specified ranges
-121 dBm -113 dBm	Sends a report message when the router's RSSI value leaves the -121 dBm to -113 dBm range
-113 dBm -98 dBm	Sends a report message when the router's RSSI value leaves the -113 dBm to -98 dBm range
-98 dBm -93 dBm	Sends a report message when the router's RSSI value leaves the -98 dBm to -93 dBm range
-93 dBm -75 dBm	Sends a report message when the router's RSSI value leaves the -93 dBm to -75 dBm range
-75 dBm -60 dBm	Sends a report message when the router's RSSI value leaves the -75 dBm to -60 dBm range
-60 dBm -50 dBm	Sends a report message when the router's RSSI value leaves the -60 dBm to -50 dBm range

Reboot

EVENT SUB-TYPE	DESCRIPTION
All	Sends a report message when the router starts up after any type of reboot (except factory reset)
After unexpected shutdown	Sends a report message when the router shuts down unexpectedly and starts back up again
After FW upgrade	Sends a report message when the router initiates a Firmware upgrade (either from an uploaded FW file or from server)
From WebUI	Sends a report message when the router starts up after a reboot command is initiated from the router's WebUI Administration->Reboot section
From SMS	Sends a report message when the router starts up after a reboot command is initiated via SMS
From Input/Output	Sends a report message when the router starts up after a reboot command is initiated via Input/Output
From ping reboot	Sends a report message when the router starts up after a reboot command is initiated by the Ping Reboot function
From periodic reboot	Sends a report message when the router starts up after a reboot command is initiated by the Periodic Reboot function
From button	Sends a report message when the router starts up after being restarted by the press of the physical button located on the router

SSH

EVENT SUB-TYPE	DESCRIPTION
All	Sends a report message when someone connects to the router via SSH (either successfully or unsuccessfully)
Successful authentication	Sends a report message when someone successfully connects to the router via SSH
Unsuccessful authentication	Sends a report message when someone unsuccessfully tries to connect to the router via SSH

WebUI

EVENT SUB-TYPE	DESCRIPTION
All	Sends a report message when someone connects to the router via HTTP or HTTPS (either successfully or unsuccessfully)
Successful authentication	Sends a report message when someone successfully connects to the router via HTTP or HTTPS
Unsuccessful authentication	Sends a report message when someone unsuccessfully tries to connect to the router via HTTP or HTTPS

New WiFi client

EVENT SUB-TYPE	DESCRIPTION
All	Sends a report message when a device connects to or disconnects from the router's WLAN (Wireless Network or Wireless LAN)
Connected	Sends a report message when a device connects to the router's WLAN
Disconnected	Sends a report message when a device disconnects from the router's WLAN

LAN Port State

EVENT SUB-TYPE	DESCRIPTION
All	Sends a report message when a device is either plugged in or unplugged from one of the router's LAN ports
Unplugged	Sends a report message when a device is unplugged from one of the router's LAN ports
Plugged in	Sends a report message when a device is plugged into one of the router's LAN ports

WAN Failover

EVENT SUB-TYPE	DESCRIPTION
All	Sends a report message when the router switches from using the Main WAN to using the Failover WAN and vice versa
Switched to main	Sends a report message when the router switches from using the Main WAN to using the Failover WAN
Switched to failover	Sends a report message when the router stops using the Failover WAN and start using the Main WAN

Reporting Configuration

The **Reporting Configuration** section lets you create rules that transfer logs to email or FTP.

Events Log Report Configuration

Events Log Report Configuration provides you with the ability to change the configuration of periodic events reporting to email or FTP. You can access it by creating a rule and clicking the **Edit** button next to it, just like Event Reporting Configuration.

FTP

FIELD NAME	VALUE	DESCRIPTION
Enable	yes | no; Default: **no**	Toggles the log file report rule ON or OFF
Events log	System | Network | All; Default: **System**	Specifies which log to transfer
Transfer type	Email | FTP; Default: **Email**	Specifies whether to transfer the log(s) to FTP or Email
Compress file	yes | no; Default: **no**	Compress events log file using gzip
Host	host | ip; Default **none**	FTP server's IP address or hostname
User name	string; Default: **none**	Login user name used for authentication to the FTP server
Password	string; Default: **none**	Login password used for authentication to the FTP
Interval between reports	Week | Month | Year; Default: **Week**	Specifies how often the reports should be sent
Weekday | Month day	weekday | month day; Default: **Sunday**	Specifies the day of the month/week when the logging should take place. This field changes in accordance with **Interval between reports**

Hour	integer [1..24]; Default: **1**	Specifies on the hour of the day when the logging should take place

Email

FIELD NAME	VALUE	DESCRIPTION
Enable	yes | no; Default: **no**	Toggles the log file report rule ON or OFF
Events log	System | Network | All; Default: **System**	Specifies which log to transfer
Transfer type	Email | FTP; Default: **Email**	Specifies whether to transfer the log(s) to FTP or Email
Compress file	yes | no; Default: **no**	Compress events log file using gzip
Subject	string; Default: **none**	Specifies the subject of the email log message
Message	string; Default: **none**	The text contained in the log email. This has nothing to do with the log itself, which will be sent as an attached file
SMTP server	ip | host; Default: **none**	Sender's email service provider's SMTP server. If you don't know the SMTP server's address, you can easily look it up online since it is public information
SMTP server port	integer [0..65535]; Default: **none**	Sender's email service provider's SMTP server. If you don't know the SMTP server's address, you can easily look it up online since it is public information
Secure connection	yes | no; Default: **no**	Toggles secure connection feature ON or OFF (use only if the email service provider's server supports SSL or TLS)
Username	string; Default: **none**	Sender's email account's login user name
Password	string; Default: **none**	Sender's email account's login password
Sender's email address	email; Default: **none**	The email address of the sender, i.e., the report message will be sent from this email. Make sure this is the same email that you provided login information to
Recipient's email address	email; Default: **none**	The intended recipient's email address. To add more than one email address, click the green plus symbol located to the right of this field
Interval between reports	Week | Month | Year; Default: **Week**	Specifies how often the reports should be sent
Weekday | Month day	weekday | month day; Default: **Sunday**	Specifies the day of the month/week when the logging should take place. This field changes in accordance with **Interval between reports**
Hour	integer [1..24]; Default: **1**	Specifies on the hour of the day when the logging should take place