

mPower Release 5.2 - API Delta

This document lists implemented changes to the mPower API for mPower release 5.2 compared to 5.1. **NOTE:** The following information is subject to change without notice.

All changes are marked in RED.

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Commands

API supports a set of special actions using the Command URL (api/command). Execute a command using a POST request call method. A RESTful Get request returns an array of all available commands.

The list of available commands in mPower 5.2 has NOT been changed compare to mPower 5.1 release.

Element	Туре	Description
bootloader_console	ACTION	Controls bootloader silent mode
bootloader_lock	ACTION	Controls password authentication to access the device bootloader
call_home_disable	ACTION	Disables call home feature with DeviceHQ
call_home_enable	ACTION	Enables call home feature with DeviceHQ
checkin_to_devicehq	ACTION	Triggers a check-in to DeviceHQ
clean_oem	ACTION	Clears user-defined default configurations from memory and returns the device to factory default
ddns_update	ACTION	Pushes DDNS information to the configured DDNS server
download_config	ACTION	Downloads the current configuration
firmware_check	ACTION	Uploads firmware file to device and checks it (POST mtr upgrade bin file)
firmware_pre_upgrade	ACTION	Prepares system for firmware upgrade (i.e. shuts down Node-RED, frees space for the upgrade package)
firmware_upgrade	ACTION	Upgrades device firmware
legacy_sync	ACTION	Synchronizes legacy configurations
loglvl_debug	ACTION	Sets the systems logging level to DEBUG
loglvl_info	ACTION	Sets the systems logging level to INFO
loglvl_trace	ACTION	Sets the systems logging level to TRACE

Element	Туре	Description
loglvl_warning	ACTION	Sets the systems logging level to WARNING
node_red_status	ACTION	Operational status of the Node-RED server
passwd	ACTION	Changes or resets user login information including username, ID, and password
ping	ACTION	Send a set of ICMP pings to an address or FQDN, interface can be ANY, LAN, WIFI, WIFI-AP, CELLULAR, or ETHERNET (POST 'ip' and 'interface' in JSON)
ppp_start	ACTION	Start PPPD
ppp_stop	ACTION	Stop PPPD
ppp_toggle	ACTION	Toggle PPPD
radio-cmd	ACTION	Sends a string directly to the cellular radio, timeout must be in milliseconds
radio_activate	ACTION	Attempts to activate the on-board cellular radio (CDMA)
radio_cmd	ACTION	Sends a string directly to the cellular radio, timeout must be in milliseconds
radio_rfsurvey	ACTION	Performs RF survey of cellular module (may only be available on certain models)
remove_icon	ACTION	Deletes user-supplied icon
remove_image	ACTION	Deletes user-supplied image
remove_logo	ACTION	Deletes user-supplied logo
reset_bluetooth	ACTION	Resets the Bluetooth hardware
reset_modem	ACTION	Resets the cellular radio hardware
reset_wifi	ACTION	Resets the WiFi hardware
restart	ACTION	Restarts device
restart_node_red	ACTION	Restarts Node-RED server
restore_defaults	ACTION	Resets the device with user-defined defaults if set, otherwise factory
restore_factory	ACTION	Resets the device with factory defaults
revert	ACTION	Reverts all changes since the last save
save	ACTION	Saves the current configuration
save_oem	ACTION	Saves current configuration as factory/OEM default
save_restart	ACTION	Saves the current configuration and restarts the device
sms_send	ACTION	Send a text to a specified recipient
telit_check_fota_updates	ACTION	Get information on Telit Radio Firmware Upgrade
telit_fota_upgrade	ACTION	Initiates Telit radio firmware upgrade from external site
telit_upgrade	ACTION	Initiates Telit radio firmware upgrade (POST Telit upgrade bin)
upload_config	ACTION	Uploads and sets new configuration (POST configuration file)
upload_icon	ACTION	Uploads and sets new icon (POST icon file)
upload_image	ACTION	Uploads and sets new image (POST image file)
upload_logo	ACTION	Uploads and sets new logo (POST logo file)

Collections

Collections are groups of related elements used to configure a service or capability. There are four main actions that can be performed on a collection: get, edit, add, and delete. These actions align with RESTful calls: GET, PUT, POST, and DELETE.

The following collections were **NOT modified** in scope of mPower Edge 5.2 compare to mPower Edge 5.1:

- alert
- appStore
- apps

- autoDialout
- autoReboot
- backOffTimers
- bluetooth
- bluetoothLowEnergy
- bootloader
- brand
- btDevices
- cacertificates
- callHome
- certificate
- customApps
- customAppsConfig
- customDiagnostic
- databaseInfo
- ddns
- devices
- dhcp
- dns
- filters
- gccp
- gps
- ipPipes
- ipsecTunnels
- lan
- legacyDefaults
- lora
- nat
- ni
- nodeRed
- ovpnTunnels
- passwordComplexityRules
- policy
- powerManagement
- radius
- remoteAccess
- routes
- secureProtocols
- selfDiagnostic
- serial
- serialModemPassthrough
- sms

- smtp
- snmp
- sntp
- syslog
- system
- telnet
- telnetServer
- trustedIp
- users
- waninfo
- wanmngr
- wifi

The following collections were modified:

- firewall
- greTunnels
- loraNetwork
- ppp
- stats

Collection	Туре	Description
alert	OBJECT	The alerts array contains predefined number of elements; each defines settings for particular type of alert. A set of settings applicable for different alert types is different
appStore	OBJECT	Defines settings for Application Store
apps	ARRAY	Contains information on installed Node-RED applications
autoDialout	OBJECT	Allows the use of the cellular modem directly from the serial port
autoReboot	OBJECT	Causes the device to reboot automatically
backOffTimers	OBJECT	Stores carrier-defined backoff timers for PPP connections, SMS retries, and modem resets
bluetooth	OBJECT	Allows a device to connect via Bluetooths
bluetoothLowEnergy	OBJECT	Allows connecting devices via BLE
bootloader	OBJECT	Bootloader configuration parameters
brand	OBJECT	Customizes icons, images, and support information for a rebranded device
btDevices	ARRAY	List of available Bluetooth devices
cacertificates	OBJECT	Management of CA (Certifying Authority) certificates
callHome	OBJECT	Enables the device to call home for configuration files, firmware updates and adds your DeviceHQ account key to the device so it is associated with your DeviceHQ account
certificate	OBJECT	Contains secure public key certificate configurations
customApps	OBJECT	Manages installed custom applications
customAppsConfig	BOOL	Specifies support for and enables or disables custom applications for MTR devices only
customDiagnostic	OBJECT	Custom diagnostic page settings
ddns	OBJECT	Updates the dynamic domain name server when the IP address changes
devices	ARRAY	A list of saved devices
dhcp	OBJECT	Stores DHCP settings
dns	OBJECT	DNS forwarding configuration

Collection	Туре	Description
filters	ARRAY	Stores a list of firewall filters
firewall	OBJECT	Stores some firewall settings
gccp	OBJECT	Stores the settings for the GCCP application
gps	OBJECT	Stores the GPS service settings
greTunnels	ARRAY	Stores a list of GRE tunnels
ipPipes	ARRAY	Stores a list of configured IP pipes
ipsecTunnels	ARRAY	Stores a list of IPsec tunnels
lan	OBJECT	Defines the LAN interface settings for PPP-IP PASSTHROUGH and SERIAL-MODEM PASSTHROUGH modes only
lora		lora API options are only available when LoRa Network Server is running
loraNetwork	OBJECT	lora network interface settings
nat	ARRAY	Stores a list of NAT rules for advanced firewall settings
ni	OBJECT	Settings for network interfaces
nodeRed		Node-RED configuration
ovpnTunnels	ARRAY	List of configured OpenVPN tunnels
passwordComplexityRules	OBJECT	Stores settings for Password Complexity Rules
policy	OBJECT	Contains usage policy settings
ррр	OBJECT	Defines the PPP settings
radius	OBJECT	Configures Radius settings
remoteAccess	OBJECT	Defines settings for remote access of the device
remoteManagement	OBJECT	Defines the remote management settings
routes	ARRAY	Stores a list of static routes
secureProtocols	ARRAY	Cipher suites and advanced security options
selfDiagnostic	OBJECT	Self-diagnostic settings
serial	OBJECT	Defines the serial port settings
serial Modem Passthrough	OBJECT	Defines serial modem mode settings
sms	OBJECT	Defines the SMS settings
smtp	OBJECT	Defines the SMTP settings
snmp	OBJECT	Defines the SNMP settings
sntp	OBJECT	Defines the clock synchronization settings with a remote SNTP server
stats	OBJECT	Statistics on services and interfaces
syslog	OBJECT	Defines the syslog support settings
system	OBJECT	Defines the system attributes
trustedIp	OBJECT	Filter incoming packets depending on the white or black IP addresses list
users	ARRAY	Stores a list of users for authentication purposes
waninfo	OBJECT	Stores information on WAN interfaces
wanmngr	OBJECT	Defines the WAN management settings
wifi	OBJECT	Defines the Wi-Fi services settings

firewall

Description: Stores firewall settings : OBJECT

NOTE: this collection is not present in the available collection endpoints: http://www.multitech.net/developer/software/mtr-software/mtr-api-reference/collection-endpoints/

The option that enables connection tracking helpers for multi-flow protocols was added:

• connTrackHelpers

Element	Туре	Description
connTrackHelpers	BOOL	Enables connection tracking helpers for multi-flow protocols that usually separate control and data traffic into different flows (default:false): BOOL
I2tp	BOOL	Layer 2 Tunneling Protocol
pptp	BOOL	Point-to-Point Tunneling Protocol

greTunnels

Description: Stores a list of GRE tunnels : ARRAY

The following elements were added:

- tunnellp
- tunnelMask

Element	Туре	Description
checkPeriod	UINT	Specifies the interval (in minutes) to resolve the remote peer hostname. Recommended for hostnames that have dynamic IP addresses.
description	STRING	Specifies the description for a GRE tunnel
enabled	BOOL	Enables or disables a tunnel
name	STRING	Specifies the name of a tunnel
remoteIP	STRING	Specifies the remote IP of a tunnel
routes	ARRAY	Contains a list of tunnel routes
ip	STRING	Specifies the IP address of a route
mask	STRING	Specifies the network mask of a route (0-32)
ttl	UINT	Specifies the time to live. 0 meaning that packets inherit the TTL value. (0-255)
tunnellp	STRING	Specifies the IP address of tunnel interface: STRING
tunnelMask	STRING	Specifies the mask assigned to tunnel interface: STRING

loraNetwork

Description: lora network interface settings: OBJECT

The following elements were added:

- lora/frequencyISM2400
- lora/frequencyISM2400_2
- lora/frequencyISM2400_3
- lora/packetForwarderConfig2
- packetForwarder/frequencyISM2400
- packetForwarder/frequencyISM2400_2
- packetForwarder/frequencyISM2400_3

Element	Туре	Description
v	UINT	version of model [20] (automatic)
addressRange	OBJECT	address range settings
end	STRING	end of range for assigned addresses, four groups of two hexadecimal digits, separated by colons
start	STRING	start of range for assigned addresses, four groups of two hexadecimal digits, separated by colons
backupInterval		
db		
log	OBJECT	log settings
console	BOOL	console
level	UINT	log level
path	STRING	path
syslog	BOOL	syslog
lora	OBJECT	lora settings
ADRStep	UINT	Step in cB between SNR based datarate assignment for ADR
aesKey		
antennaGain	INT	Gain of external antenna in dBi
beaconFreqHop		
beaconFrequency		
beaconInfoDesc		
beaconInterval		
beaconLatitude		
beaconLongitude		
beaconPower		
calAD9361		
calTempRoom		
channelMask		
channelPlan		
classCAckTimeout		
deviceQueueSize	UINT	device queue size for pending downlink packets
diversity		
dspStatInterval		
dutyCyclePeriod	UINT	Length of duty-cycle sliding window in minutes
dwelltimeDown	UINT	max dwelltime for downlink packets default: 0 - no limit, 1 - 400 ms
dwelltimeUp	UINT	max dwelltime for uplink packets, default: 0 - no limit, 1 - 400 ms
enableStrictCounterValidation		
enabled	BOOL	check to enable lora network support
frequencyAS	UINT	center freq for extra AS channels (Hz)
frequencyAS2		
frequencyBand	UINT	frequency band
frequencyBand2		
frequencyEU	UINT	center freq for extra EU channels (Hz)
frequencyEU2		
frequencyIN		
frequencyIN2		
frequencyISM2400		

Element	Туре	Description
frequencyISM2400_2		·
frequencyISM2400_3		
frequencyKR	UINT	center freq for extra KR channels (Hz)
frequencyKR2		
frequencyRU		
frequencyRU2		
frequencySubBand	UINT	frequency sub-band
frequencySubBand2		
fskSYNC		
ftsMatchCRCError		
ftsVersion		
gpsReceiver		
joinDelay	UINT	Rx1 delay in seconds between end of tx and opening of first rx window for join accept message
lbtEnabled		
maxDatarate	UINT	Max datarate for ADR
maxEIRP	UINT	AS923 max device TX power
maxTxPower	UINT	maximum tx power
minDatarate	UINT	Min datarate for ADR
nbDSP		
netID	STRING	LoraWAN network ID : 3 bytes HEX
networkLeadTime		
packetForwarderConfig	STRING	contents to be used for global_conf.json file
packetForwarderConfig2		
packetForwarderMode	BOOL	enable packet forwarder mode
pingSlotDatarate		
pingSlotFreqHop		
pingSlotFrequency		
reducedPacketUpdates		
rx1DatarateOffset	UINT	offset used for datarate on first RX window
rx1Delay	UINT	Rx1 delay in seconds between end of tx and opening of first rx window
rx2Datarate	UINT	datarate to be used in second RX window
skipPacketForwarderFieldCheck		
spi_device		
mqtt	OBJECT	mqtt settings
enabled	BOOL	check to enable MQTT protocol
host	STRING	hostname
password		
port	UINT	port
username		
network	OBJECT	network settings
baseKey	STRING	Key used for zero touch provisioning : 16 bytes HEX
defaultProfile		
eui	STRING	extended unique identifier
joinServer		
key	STRING	key: 16 bytes HEX

Element	Туре	Description
leasetime	UINT	lease time
lensCheckinInterval		
lensDeviceHQ		
lensEnabled		
lensGatewayStats		
lensLocalJoinMetadata		
lensNetworkStats		
lensPacketMetadata		
lensPacketPayloadData		
lensServer		
localJoinServerEnabled		
name	STRING	name
passphrase	STRING	passphrase
public	UINT	set network mode 0:Private MTS, 1:Public LoRaWAN, 2:Private LoRaWAN
salt	STRING	Salt used for zero touch provisioning
packetForwarder		
aesKey		
antennaGain		
autoquitThreshold		
beaconFreqHop		
beaconFrequency		
beaconInfoDesc		
beaconInterval		
beaconLatitude		
beaconLongitude		
beaconPower		
calAD9361		
calTempRoom		
channelPlan		
diversity		
downstreamPort		
dspStatInterval		
frequencyAS		
frequencyAS2		
frequencyEU		
frequencyEU2		
frequencyIN		
frequencyIN2		
frequencyISM2400		
frequencyISM2400_2		
frequencyISM2400_3		
frequencyKR		
frequencyKR2		
frequencyRU		
frequencyRU2		
frequencySubBand		

Element	Туре	Description
frequencySubBand2		
fskSYNC		
ftsMatchCRCError		
ftsVersion		
fwdCrcDisabled		
fwdCrcError		
fwdCrcValid		
gpsReceiver		
gwID		
gwID2		
gwSource		
keepAliveInterval		
lbtDefaultChannels		
lbtEnabled		
lbtFrequency0		
lbtFrequency1		
lbtFrequency2		
lbtFrequency3		
lbtFrequency4		
lbtFrequency5		
lbtFrequency6		
lbtFrequency7		
IbtRssiOffset		
lbtRssiTarget		
IbtScanTime		
manualMode		
nbDSP		
path		
pathGeo		
public		
pushTimeout		
serverAddress		
statInterval		
upstreamPort		
spectralScan		
bandwidth		
duration		
enabled		
floor		
imme		
interval		
limit		
offset		
ranges		
start		
stop		

Element	Туре	Description
samples		
startAt		
step		
stopCriteria		
test		
disableDutyCycle	BOOL	disable duty cycle. FOR TESTING PURPOSES ONLY!!!
disableGPS		
disableRxJoin1	BOOL	disable join downlink packet in first Rx window
disableRxJoin2	BOOL	disable join downlink packet in second Rx window
disableRxWindow1	BOOL	disable downlink packet in first Rx window
disableRxWindow2	BOOL	disable downlink packet in second Rx window
trimInterval		
trimRows		
udp	OBJECT	udp settings
allowPublic		
appPortDown	UINT	application port down
appPortUp	UINT	application port up
downstreamPort	UINT	downstream port
upstreamPort	UINT	upstream port
whitelist	OBJECT	white list settings
devices	ARRAY	local unique appkey store
appeui	STRING	application id attached to received packets : 8 bytes HEX
appkey	STRING	device key used to authenticate join request and generate session keys : 16 bytes HEX
class	STRING	operating class of end-device : A, B or C
deveui	STRING	device id : 8 bytes HEX
enabled	BOOL	check to provide an access to the devices from the White List only

ppp

Description: Defines the PPP settings : OBJECT

The following elements were added:

- modem/contextIpMode
- mru
- mtu
- netreg
- netreg/enabled
- netreg/timeout

Element	Туре	Description
authentication	OBJECT	Specifies the PPP authentication settings
password	STRING	Specifies the password of the PPP account
type	STRING	Specifies the type of authentication to use when connecting to PPP: PAP, CHAP or PAP-CHAP (default:'PAP-CHAP')
username	STRING	Specifies the username of PPP account

cellularMode STRING Specify how the device should connect to available of '4g' to exclusively connect to a chosen network and mode in case of no coverage. Select '2g,3g,4g' to cor fallback to other network in case no coverage. Optio connectTimeout UINT Specifies the amount of time in seconds to wait for a (default:90) dialOnDemand BOOL Enables or disables dial on demand: (default:false) diversity BOOL Enables or disables antenna diversity: (default:true) enabled BOOL Enables or disables PPP connection: (default:false) idleTimeout UINT Specifies the amount of time in seconds before a cordisconnected (default:180) keepAlive OBJECT Specifies the PPP keep alive settings dataRecv OBJECT Keeps the PPP connection alive as long as data is beit enabled BOOL Enables or disables the data receive monitor (default window UINT Specifies the size of the connection window in minutenabled BOOL Enables or disables the keep alive feature hostname STRING Specifies the name of a host that to be used to track icmpCount UINT Specifies the interval to send pings, in seconds (default:4) pingInterval UINT Specifies the interval to send pings, in seconds (default:4) pingInterval UINT Specifies the interval to send pings, in seconds (default:4) PingInterval UINT Specifies the interval to send pings, in seconds (default:4) PingInterval UINT Specifies the interval to send pings, in seconds (default:4) PingInterval UINT Specifies the interval to send pings, in seconds (default:4) PingInterval UINT Specifies the interval to send pings, in seconds (default:4) PingInterval UINT Specifies the interval to send pings, in seconds (default:4) PingInterval UINT Specifies the interval to send pings, in seconds (default:4) PingInterval UINT Specifies the interval to send pings, in seconds (default:4) PingInterval UINT Specifies the interval to send pings of seconds (default:4) PingInterval UINT Specifies the connection port on a host (default:0) The maxRetries UINT Specifies the maximum acceptable number of retries	do not fallback to any other network nnect to the preferable network and ons: [2g,3g,4g] : (default:auto)
dialOnDemand BOOL Enables or disables dial on demand : (default:false) diversity BOOL Enables or disables antenna diversity : (default:true) enabled BOOL Enables or disables antenna diversity : (default:true) enabled BOOL Enables or disables PPP connection : (default:false) idleTimeout UINT Specifies the amount of time in seconds before a cordisconnected (default:180) keepAlive OBJECT Specifies the PPP keep alive settings dataRecv OBJECT Keeps the PPP connection alive as long as data is being enabled BOOL Enables or disables the data receive monitor (default) window UINT Specifies the size of the connection window in minutenabled BOOL Enables or disables the keep alive feature hostname STRING Specifies the name of a host that to be used to track icmpCount UINT Specifies the interval to send pings, in seconds (defauradioReboot OBJECT Reboot the radio in addition to restarting pppd after enabled BOOL Enables or disables radio reboot functionality (defautcpPort UINT Specifies the method used for keep alive, ICMP or Total maxRetries UINT Specifies the maximum acceptable number of retries	a connection while in receive mode
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enabled BOOL Enables or disables the data receive monitor (defaultivation) window UINT Specifies the size of the connection window in minution enabled BOOL Enables or disables the keep alive feature hostname STRING Specifies the name of a host that to be used to track icmpCount UINT Specifies the number of pings to send (default:4) pingInterval UINT Specifies the interval to send pings, in seconds (defauradioneboot OBJECT Reboot the radio in addition to restarting pppd after enabled BOOL Enables or disables radio reboot functionality (defaut tcpPort UINT Specifies the connection port on a host (default:0) type STRING Specifies the method used for keep alive, ICMP or TC maxRetries UINT Specifies the maximum acceptable number of retries	
window UINT Specifies the size of the connection window in minute enabled BOOL Enables or disables the keep alive feature hostname STRING Specifies the name of a host that to be used to track icmpCount UINT Specifies the number of pings to send (default:4) pingInterval UINT Specifies the interval to send pings, in seconds (defauradioReboot OBJECT Reboot the radio in addition to restarting pppd after enabled BOOL Enables or disables radio reboot functionality (defaut tcpPort UINT Specifies the connection port on a host (default:0) type STRING Specifies the method used for keep alive, ICMP or TC maxRetries UINT Specifies the maximum acceptable number of retries	ing received
enabled BOOL Enables or disables the keep alive feature hostname STRING Specifies the name of a host that to be used to track icmpCount UINT Specifies the number of pings to send (default:4) pingInterval UINT Specifies the interval to send pings, in seconds (defa radioReboot OBJECT Reboot the radio in addition to restarting pppd after enabled BOOL Enables or disables radio reboot functionality (defaut tcpPort UINT Specifies the connection port on a host (default:0) type STRING Specifies the method used for keep alive, ICMP or TC maxRetries UINT Specifies the maximum acceptable number of retries	lt:false)
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tcpPort UINT Specifies the connection port on a host (default:0) type STRING Specifies the method used for keep alive, ICMP or TC maxRetries UINT Specifies the maximum acceptable number of retries	r back-off
type STRING Specifies the method used for keep alive, ICMP or TO maxRetries UINT Specifies the maximum acceptable number of retries	ult:false)
maxRetries UINT Specifies the maximum acceptable number of retries	
	CP (default:ICMP)
	s before failure (default:0)
modem OBJECT Specifies the modem settings	
apnString STRING Specifies the APN connection string designated by the	he service provider
baudRate UINT Specifies the baud rate of the modem (default:11520	00)
commands ARRAY Contains a list of AT commands to send to the mode	em after a successfully connection
connectString STRING Specifies the string to send to the modem on succes	ssful connection (default:'CONNECT')
contextId UINT Specifies context definition id used with AT+CGDCON	NT
contextIpMode STRING Specifies PDP type, the type of IP address assigned to command). Options are IP, IPV6, IPV4V6, AUTO (defa	
dialNumber STRING Specifies the number the modem should dial for con	nnection (default:'*99***1#')
dialPrefix STRING Specifies the prefix to add to the number being diale	ed (default:'ATDT')
fwSwitch STRING Specifies a specific firmware image to use on radios images: '0' for automatic, 'vz' for Verizon, 'att' for AT	
initStrings ARRAY Contains a list of init strings to send to the modem (or	default:['AT+CSQ'])
simPin STRING Specifies the PIN used to unlock the SIM	
mru UINT Specifies the maximum receive unit. The value must for the IPv6 protocol, the MRU must be at least 1280	
mtu UINT Specifies the maximum transmit unit. The value mus for the IPv6 protocol, the MTU must be at least 1280	
nat BOOL Enables or disables the NAT feature (default:true)	
netreg OBJECT Specifies network registration settings	
enabled BOOL If true, radio will reset after the netreg timeout, if fa	alse, radio will not reset
timeout UINT Specifies the number of minutes the API will wait for resetting the radio (if enabled) (range 10 - 1440)	
powerOnInitString STRING Specifies the string to send to the radio on boot up	r a network registration to occur before

Element	Туре	Description
protocol	STRING	Specifies the protocol to use when connecting to the modem, PPP or WWAN (default: 'PPP')
wakeUpOnCall	OBJECT	Determines the wake-up behavior of radio when a call comes in
ackString	STRING	Specifies the string used to acknowledge the receipt of an SMS to the delivering SMSC
callerIds	ARRAY	Contains a list of valid caller IDs for wake-up
action	STRING	Specifies the action to perform on wake-up
text	STRING	Specifies the text of a wake-up SMS message or caller-ID value
type	STRING	Specifies the type of call, CALLER or SMS
delay	UINT	Specifies the amount of time to wait after call before reconnecting in seconds (default:10)
enabled	BOOL	Enables or disables the wake-up on call feature (default:false)
fromLan	BOOL	Enables or disables wake-up on LAN activity (default:false)
initStrings	ARRAY	Contains a list of cellular radio AT init strings
onCallerId	BOOL	Enables or disables wake-up on caller ID (default:false)
onRing	BOOL	Enables or disables wake-up on ring (default:false)
onSms	BOOL	Enables or disables wake-up on SMS (default:false)

stats

Description: Statistics on services and interfaces: OBJECT

The following elements were added:

• ppp/cellularMode

• radio/supportedCellularModes

Element	Туре	Description
dns	ARRAY	Current DNS server IP addresses
servers	ARRAY	A list of DNS servers available for domain name resolution
eth0	OBJECT	Current statistics on Ethernet interface
flags	OBJECT	Various network interface flags
all_multi	BOOL	Receives all multicast packets
broadcast	BOOL	Broadcast address valid
dynamic	BOOL	The addresses are lost when the interface goes down
loopback	BOOL	The interface is a loopback net
lower_up	BOOL	Driver signals L1 up
multicast	BOOL	Supports multicast.
no_arp	BOOL	No address resolution protocol
point_to_point	BOOL	Interface is point-to-point link
promisc	BOOL	Interface is in promiscuous mode
up	BOOL	The interface is up
ip	STRING	Specifies the IP address assigned to this interface
mask	STRING	Specifies the mask assigned to this interface
mtu	STRING	Specifies maximum transmission unit in bytes
rx	OBJECT	Contains statistics on received bytes
bytes	STRING	Specifies the number of received bytes
dropped	STRING	Specifies the number of received byte drops
errors	STRING	Specifies the number of received byte errors
frame	STRING	Specifies the number of received frames

Element	Туре	Description
overruns	STRING	Specifies the number of received overruns
packets	STRING	Specifies the number of received packets
tx	OBJECT	Contains statistics on transmitted bytes
bytes	STRING	Specifies the number of transmitted bytes
carrier	STRING	Specifies the number of transmitted carriers
collisions	STRING	Specifies the number of transmitted collisions
dropped	STRING	Specifies the number of transmitted drops
errors	STRING	Specifies the number of transmitted errors
overruns	STRING	Specifies the number of transmitted overruns
packets	STRING	Specifies the number of transmitted packets
queueLength	STRING	Specifies the number of packets that can be queued for transmission
eth0History	ARRAY	Specifies daily statistics on Ethernet interface traffic
date	UINT	Specifies the date in format MM/DD/YYYY
rx	UINT	Specifies the number of received bytes for the day
tx	UINT	Specifies the number of transmitted bytes for the day
eth0Total	OBJECT	Total and today's statistics on Ethernet interface traffic
todayRx	UINT	Specifies the number of bytes received during the pre-determined period
todayTx	UINT	Specifies the number of bytes transmitted during the pre-determined period
totalRx	UINT	Specifies the number of bytes received today
totalTx	UINT	Specifies the number of bytes transmitted today
eth1	OBJECT	Current statistics on Ethernet interface
flags	OBJECT	Various network interface flags
all_multi	BOOL	Receives all multicast packets
broadcast	BOOL	Broadcast address valid
dynamic	BOOL	The addresses are lost when the interface goes down
loopback	BOOL	The interface is a loopback net
lower_up	BOOL	Driver signals L1 up
multicast	BOOL	Supports multicast.
no_arp	BOOL	No address resolution protocol
point_to_point	BOOL	Interface is point-to-point link
promisc	BOOL	Interface is in promiscuous mode
ир	BOOL	The interface is up
ip	STRING	Specifies the IP address assigned to this interface
mask	STRING	Specifies the mask assigned to this interface
mtu	STRING	Specifies maximum transmission unit in bytes
rx	OBJECT	Contains statistics on received bytes
bytes	STRING	Specifies the number of received bytes
dropped	STRING	Specifies the number of received byte drops
errors	STRING	Specifies the number of received byte errors
frame	STRING	Specifies the number of received frames
overruns	STRING	Specifies the number of received overruns
packets	STRING	Specifies the number of received packets
tx	OBJECT	Contains statistics on transmitted bytes
bytes	STRING	Specifies the number of transmitted bytes
carrier	STRING	Specifies the number of transmitted carriers
collisions	STRING	Specifies the number of transmitted collisions

Element	Туре	Description
dropped	STRING	Specifies the number of transmitted drops
errors	STRING	Specifies the number of transmitted errors
overruns	STRING	Specifies the number of transmitted overruns
packets	STRING	Specifies the number of transmitted packets
queueLength	STRING	Specifies the number of packets that can be queued for transmission
eth1History	ARRAY	Specifies daily statistics on Ethernet interface traffic
date	UINT	Specifies the date in format MM/DD/YYYY
rx	UINT	Specifies the number of received bytes for the day
tx	UINT	Specifies the number of transmitted bytes for the day
eth1Total	OBJECT	Total and today's statistics on Ethernet interface traffic
todayRx	UINT	Specifies the number of bytes received during the pre-determined period
todayTx	UINT	Specifies the number of bytes transmitted during the pre-determined period
totalRx	UINT	Specifies the number of bytes received today
totalTx	UINT	Specifies the number of bytes transmitted today
eth2	OBJECT	Current statistics on Ethernet interface
flags	OBJECT	Various network interface flags
all_multi	BOOL	Receives all multicast packets
broadcast	BOOL	Broadcast address valid
dynamic	BOOL	The addresses are lost when the interface goes down
loopback	BOOL	The interface is a loopback net
lower_up	BOOL	Driver signals L1 up
multicast	BOOL	Supports multicast.
no_arp	BOOL	No address resolution protocol
point_to_point	BOOL	Interface is point-to-point link
promisc	BOOL	Interface is in promiscuous mode
up	BOOL	The interface is up
ip	STRING	Specifies the IP address assigned to this interface
mask	STRING	Specifies the mask assigned to this interface
mtu	STRING	Specifies maximum transmission unit in bytes
rx	OBJECT	Contains statistics on received bytes
bytes	STRING	Specifies the number of received bytes
dropped	STRING	Specifies the number of received byte drops
errors	STRING	Specifies the number of received byte errors
frame	STRING	Specifies the number of received frames
overruns	STRING	Specifies the number of received overruns
packets	STRING	Specifies the number of received packets
tx	OBJECT	Contains statistics on transmitted bytes
bytes	STRING	Specifies the number of transmitted bytes
carrier	STRING	Specifies the number of transmitted carriers
collisions	STRING	Specifies the number of transmitted collisions
dropped	STRING	Specifies the number of transmitted drops
errors	STRING	Specifies the number of transmitted errors
overruns	STRING	Specifies the number of transmitted overruns
packets	STRING	Specifies the number of transmitted packets
queueLength	STRING	Specifies the number of packets that can be queued for transmission
eth2History	ARRAY	Specifies daily statistics on Ethernet interface traffic

Element	Туре	Description
date	UINT	Specifies the date in format MM/DD/YYYY
rx	UINT	Specifies the number of received bytes for the day
tx	UINT	Specifies the number of transmitted bytes for the day
eth2Total	OBJECT	Total and today's statistics on Ethernet interface traffic
todayRx	UINT	Specifies the number of bytes received during the pre-determined period
todayTx	UINT	Specifies the number of bytes transmitted during the pre-determined period
totalRx	UINT	Specifies the number of bytes received today
totalTx	UINT	Specifies the number of bytes transmitted today
gps	OBJECT	Contains positional information of gps device
alt	STRING	Specifies altitude
fix	INT	Fix quality (0=No fix, 1=Have fix without DGPS, 2 = have fix with DGPS)
lat	DOUBLE	Specifies latitude coordinate
Ing	DOUBLE	Specifies longitude coordinate
sats	INT	Number of satellites used in solution
time	DOUBLE	Time of update
gre	OBJECT	Contains statistics on gre tunnels (keys are tunnel names)
tunnel	OBJECT	Statistics on ipsec LAN interface transmitted bytes
locallp	STRING	Specifies the IP address assigned to this interface
mode	STRING	Specifies tunnel mode
remotelp	STRING	Specifies the IP address of the remote end of this tunnel
rx	OBJECT	Summarizes receiver statistics
Mcasts	UINT	Specifies the total number of multicast packets received on a broadcast GRE tunnel
bytes	UINT	Specifies the total number of bytes received on the interface
csumErrors	UINT	Specifies the total number of packets dropped because of checksum failures for a GRE tunnel with checksumming enabled.
errors	UINT	Specifies the total number of receiver errors
outOfSequence	UINT	Specifies the total number of packets dropped because they arrived out of sequence for a GRE tunnel with serialization enabled
packets	UINT	Specifies the total number of packets received on the interface
ttl	STRING	Specifies time to live set on the interface
tx	OBJECT	Summarizes transmitter statistics
bytes	UINT	Specifies the total number of bytes transmitted on the interface
deadLoop	UINT	Specifies the total number of packets which were not transmitted because the tunnel is looped back to itself
errors	UINT	Specifies the total number of transmitter errors
noBuffs	UINT	Specifies the total number of packets which were not transmitted because the kernel failed to allocate a buffer
noRoute	UINT	Specifies the total number of packets which were not transmitted because there is no IP route to the remote endpoint
packets	UINT	Specifies the total number of packets transmitted on the interface
ipsec	ARRAY	Statistics on IPSec tunnels
name	STRING	Specifies an IPSec tunnel name
rxBytes	UINT	Specifies the number of received bytes
rxPackets	UINT	Specifies the number of received packets
tunnelName	STRING	Specifies IPSec endpoints in ###.###.### - ###.###.### format
txBytes	UINT	Specifies the number of transmitted bytes
txPackets	UINT	Specifies the number of transmitted packets

Element	Туре	Description
lan0	OBJECT	Current statistics on the bridge interface
flags	OBJECT	Various network interface flags
all_multi	BOOL	Receives all multicast packets
broadcast	BOOL	Broadcast address valid
dynamic	BOOL	The addresses are lost when the interface goes down
loopback	BOOL	The interface is a loopback net
lower_up	BOOL	Driver signals L1 up
multicast	BOOL	Supports multicast.
no_arp	BOOL	No address resolution protocol
point_to_point	BOOL	Interface is point-to-point link
promisc	BOOL	Interface is in promiscuous mode
up	BOOL	The interface is up
ip	STRING	Specifies the IP address assigned to this interface
mask	STRING	Specifies the mask assigned to this interface
mtu	STRING	Specifies maximum transmission unit in bytes
rx	OBJECT	Contains statistics on received bytes
bytes	STRING	Specifies the number of received bytes
dropped	STRING	Specifies the number of received byte drops
errors	STRING	Specifies the number of received byte errors
frame	STRING	Specifies the number of received frames
overruns	STRING	Specifies the number of received overruns
packets	STRING	Specifies the number of received packets
tx	OBJECT	Contains statistics on transmitted bytes
bytes	STRING	Specifies the number of transmitted bytes
carrier	STRING	Specifies the number of transmitted carriers
collisions	STRING	Specifies the number of transmitted collisions
dropped	STRING	Specifies the number of transmitted drops
errors	STRING	Specifies the number of transmitted errors
overruns	STRING	Specifies the number of transmitted overruns
packets	STRING	Specifies the number of transmitted packets
queueLength	STRING	Specifies the number of packets that can be queued for transmission
modbus	ARRAY	Statistics on modbus passthrough pipe
id	UINT	Specifies the ID of the device on the bus
rx	UINT	Reports the number of bytes received by the device
status	STRING	Reports the status of the device
time	UINT	Reports the number of seconds since the last activity
tx	UINT	Reports the number of bytes transmitted by the device
ovpn	ARRAY	Statistics on OpenVPN tunnels
connected	BOOL	Indicates whether the tunnel is established
dev	STRING	Indicates the type of virtual networking interface (tun or tap)
name	STRING	Indicates the type of virtual networking interface (turi of tap)
	STRING	Indicates the frame of the turner Indicates the protocol to use when connecting with the remote (tcp or udp)
proto statistics	OBJECT	Contains statistics on received/transmitted bytes
	UINT	Specifies the number of received bytes
rx	UINI	
tx	CTDING	Specifies the number of transmitted bytes: UINT
type	STRING	Indicates whether the tunnel is configured as a client or as a server

Element	Туре	Description
use_static	BOOL	Specifies whether a static key is used for authorization
ррр	OBJECT	Contains statistics for the PPP interface
areaCode	STRING	Reports localization area code
cellularMode	STRING	Specifies the cellular mode that is currently used by the modem [2g, 3g, 4g]
dnsServers	ARRAY	A list of strings representing IP addresses of DNS servers
flags	OBJECT	Various network interface flags
all_multi	BOOL	Receives all multicast packets
broadcast	BOOL	Broadcast address valid
dynamic	BOOL	The addresses are lost when the interface goes down
loopback	BOOL	The interface is a loopback net
lower_up	BOOL	Driver signals L1 up
multicast	BOOL	Supports multicast.
no_arp	BOOL	No address resolution protocol
point_to_point	BOOL	Interface is point-to-point link
promisc	BOOL	Interface is in promiscuous mode
up	BOOL	The interface is up
ip	STRING	Reports the IP address assigned to this interface
link	STRING	Reports status of the link
localip	STRING	Reports the IP address assigned to this interface
locallp6	STRING	Reports the IPv6 address assigned to this interface
mtu	STRING	Reports maximum transmission unit in bytes
number	STRING	Reports cellular module's phone number
remotelp	STRING	Reports the externally facing IP address of this interface
remotelp6	STRING	Reports the externally facing IPv6 address of this interface
roaming	BOOL	Indicates whether or not this connection is considered roaming
rssi	STRING	Reports Received Signal Strength Indication value [0-31]
rssiDbm	STRING	Specifies the received signal strength indication in dBm
rx	OBJECT	Contains statistics on received bytes
bytes	STRING	Specifies the number of received bytes
dropped	STRING	Specifies the number of received byte drops
errors	STRING	Specifies the number of received byte errors
frame	STRING	Specifies the number of received frames
overruns	STRING	Specifies the number of received overruns
packets	STRING	Specifies the number of received packets
tower	STRING	Reports cellular tower ID
tx	OBJECT	Contains statistics on transmitted bytes
bytes	STRING	Specifies the number of transmitted bytes
carrier	STRING	Specifies the number of transmitted carriers
collisions	STRING	Specifies the number of transmitted collisions
dropped	STRING	Specifies the number of transmitted drops
errors	STRING	Specifies the number of transmitted errors
overruns	STRING	Specifies the number of transmitted overruns
packets	STRING	Specifies the number of transmitted packets
queueLength	STRING	Specifies the number of packets that can be queued for transmission
uptime	UINT	Reports number of minutes connection has been established
	ARRAY	Specifies daily statistics on PPP interface traffic

Element	Туре	Description
date	UINT	Specifies the date in format MM/DD/YYYY
rx	UINT	Specifies the number of received bytes for the day
tx	UINT	Specifies the number of transmitted bytes for the day
pppTotal	OBJECT	Total and today's statistics on PPP interface traffic
todayRx	UINT	Specifies the number of bytes received during the pre-determined period
todayTx	UINT	Specifies the number of bytes transmitted during the pre-determined period
totalRx	UINT	Specifies the number of bytes received today
totalTx	UINT	Specifies the number of bytes transmitted today
radio	OBJECT	Reports statistics and information about the cellular radio
abnd	STRING	Reports the current active band
carrier	STRING	Designates the cellular service provider (home network)
channel	STRING	Specifies the ARFCN or UARFCN Assigned Radio Channel
cid	STRING	Specifies the cellular ID in hexadecimal
code	STRING	Specifies the MTS short model code: (H5, H6, or G3)
debug	OBJECT	Contains detailed information about the radio's current status (information may vary between radio types)
bler	STRING	Reports the block error rate (percentage)
drx	STRING	Reports the discontinuous reception cycle length in milliseconds
ecio	STRING	Reports the active Ec/Io (chip energy per total wideband power in dBm)
mm	STRING	Reports the mobility management state
nom	STRING	Reports the current network operator mode
psc	STRING	Reports the primary synchronization code
rr	STRING	Reports the radio resource state
rscp	STRING	Reports the active RSCP (Received Signal Code Power in dBm)
sd	STRING	Reports the service domain
txpwr	STRING	Reports the transmit power
firmware	STRING	Reports the radio firmware version
firmwarebuild	STRING	Reports the radio firmware build number
hardware	STRING	Reports the radio hardware revision
iccid	STRING	Reports the integrated circuit card identifier (Not available for CMDA)
imsi	STRING	Reports the radio IMEI number
lac	STRING	Reports the location area code in hexadecimal
manufacturer	STRING	Reports the radio manufacturer
mcc	STRING	Reports the mobile country code
mdn	STRING	Reports the mobile directory number (CDMA Only)
meid	STRING	Reports the mobile equipment identifier (CDMA Only)
mipProfile	OBJECT	Specifies the mobile IP configuration (CDMA Only)
enabled	BOOL	Indicates if profile is active or not
homeAddress	STRING	Specifies the home address
id	UINT	Specifies the MIP profile ID
mnAaaSpi	STRING	Specifies the mobile node authentication, authorization, and accounting server security parameter index
mnAaaSs	BOOL	Indicates whether the mobile node authentication, authorization, and accounting server shared secret is set: BOOL
mnHaSpi	STRING	Specifies the mobile node home agent security server parameter index
mnHaSs	BOOL	Indicates whether the mobile node home agent security server shared secret is set
nai	STRING	Specifies the network access identifier

Element	Туре	Description
primaryHa	STRING	Specifies the primary home agent
revTun	BOOL	Indicates whether reverse tunneling is enabled
secondaryHa	STRING	Specifies the secondary home agent
mnc	STRING	Specifies the mobile network (operator) code
model	STRING	Specifies the radio model [HE910-D, HE910-EUD, GE910, DE910, CE910,]
msid	STRING	Specifies the mobile station ID (also known as MIN or MSIN)
network	STRING	Reports the current cellular service provider (Not available for CDMA)
provisioned	BOOL	Reports whether or not the radio has been activated with a data account (CDMA only)
rac	STRING	Reports the routing area code in hexadecimal
roaming	BOOL	Indicates whether or not the radio is using the home network
rssi	UINT	Specifies the received signal strength indication
rssidBm	STRING	Specifies the received signal strength indication in dBm
service	STRING	Specifies the service connection type [GPRS, EGPRS, WCDMA, HSDPA]
supportedCellularModes	STRING	Specifies the list of cellular modes that are supported by the modem. Example: [2g,3g,4g]
type	STRING	Specifies the radio technology category [GSM, CDMA, LTE]
serial	OBJECT	Reports statistics and information about the serial interface
dcd	STRING	Reports status of data carrier detect line
rx	UINT	Reports number of bytes received on serial interface
tx	UINT	Reports number of bytes transmitted on serial interface
service	OBJECT	Various service status
ddns	OBJECT	Displays the status of DDNS services
enabled	BOOL	Indicates whether the DDNS service is on
status	STRING	Displays the status of DDNS
dialOnDemand	OBJECT	Displays the status of the dial-on-demand services
enabled	BOOL	Indicates whether the dial-on-demand service is on
status	STRING	Displays the status of dial-on-demand
failover	OBJECT	Displays the status of WAN failover services
enabled	BOOL	Indicates whether the WAN failover service is on
status	STRING	Displays the status of WAN failover
keepAlive	OBJECT	Displays the status of the keep-alive services
enabled	BOOL	Indicates whether the keep-alive service is on
status	STRING	Displays the status of keep-alive
sms	OBJECT	Displays the status of the SMS service
enabled	BOOL	Indicates whether the SMS service is on
status	STRING	Displays the status of SMS service
smtp	OBJECT	Displays the status of the SMTP service
enabled	BOOL	Indicates whether the SMTP service is on
status	STRING	Displays the status of SMTP service
sntp	OBJECT	Displays the status of the SNTP services
enabled	BOOL	Indicates whether the SNTP service is on
status	STRING	Displays the status of SNTP service
status	ARRAY	Contains a list of important system events
guid	STRING	Specifies unique traceable identifier of the event source
msg	STRING	Specifies the message describing the event
timestamp	STRING	Specifies the time when the event occurred (UTC)
type	STRING	Specifies the event classification [INFO, WARNING, ERROR]

Element	Туре	Description
wlan0	OBJECT	Current statistics on Wi-Fi as WAN interface
channels	ARRAY	Reports a list of available channels
countryCode	STRING	Specifies the two-character operating country code
flags	OBJECT	Various network interface flags
all multi	BOOL	Receives all multicast packets
broadcast	BOOL	Broadcast address valid
dynamic	BOOL	The addresses are lost when the interface goes down
loopback	BOOL	The interface is a loopback net
lower_up	BOOL	Driver signals L1 up
multicast	BOOL	Supports multicast.
no_arp	BOOL	No address resolution protocol
point to point	BOOL	Interface is point-to-point link
promisc	BOOL	Interface is in promiscuous mode
up	BOOL	The interface is up
ip	STRING	Specifies the IP address assigned to this interface
link	OBJECT	Reports status of the current Wi-Fi connection
RX	STRING	Reports the number of received bytes
SSID	STRING	Reports the SSID of connected network
TX	STRING	Reports status of the current Wi-Fi connection
freq	STRING	Reports the operating frequency
mac	STRING	Reports network MAC address of the Access Point
signal	STRING	Specifies the received signal strength indication in dBm
tx bitrate	STRING	Reports the speed at which bits are transmitted over the medium
mask	STRING	Specifies the mask assigned to this interface
mtu	STRING	Specifies maximum transmission unit in byte
rx	OBJECT	Contains statistics on received bytes
bytes	STRING	Specifies the number of received bytes
dropped	STRING	Specifies the number of received byte drops
errors	STRING	Specifies the number of received byte errors
frame	STRING	Specifies the number of received frames
overruns	STRING	Specifies the number of received overruns
packets	STRING	Specifies the number of received packets
status	STRING	Reports the state of the network interface
tx	OBJECT	Contains statistics on transmitted bytes
bytes	STRING	Specifies the number of transmitted bytes
carrier	STRING	Specifies the number of transmitted carriers
collisions	STRING	Specifies the number of transmitted collisions
dropped	STRING	Specifies the number of transmitted drops
errors	STRING	Specifies the number of transmitted errors
overruns	STRING	Specifies the number of transmitted overruns
packets	STRING	Specifies the number of transmitted packets
queueLength	STRING	Specifies the number of packets that can be queued for transmission
wlan0History	ARRAY	Specifies daily statistics on Wi-Fi as WAN interface traffic
date	UINT	Specifies the date in format MM/DD/YYYY
rx	UINT	Specifies the number of received bytes for the day
tx	UINT	Specifies the number of transmitted bytes for the day

Element	Туре	Description			
wlan0Total	OBJECT	Total and today's statistics on the Wi-Fi as WAN interface traffic			
todayRx	UINT	Specifies the number of bytes received during the pre-determined period			
todayTx	UINT	Specifies the number of bytes transmitted during the pre-determined period			
totalRx	UINT	Specifies the number of bytes received today			
totalTx	UINT	Specifies the number of bytes transmitted today			
wlan1	OBJECT	Current statistics on Wi-Fi AP interface			
channels	ARRAY	Reports a list of available channels			
countryCode	STRING	Specifies the two-character operating country code			
flags	OBJECT	Various network interface flags			
all multi	BOOL	Receives all multicast packets			
broadcast	BOOL	Broadcast address valid			
dynamic	BOOL	The addresses are lost when the interface goes down			
loopback	BOOL	The interface is a loopback net			
lower_up	BOOL	Driver signals L1 up			
multicast	BOOL	Supports multicast.			
no_arp	BOOL	No address resolution protocol			
point_to_point	BOOL	Interface is point-to-point link			
promisc	BOOL	Interface is in promiscuous mode			
up	BOOL	The interface is up			
ip	STRING	Specifies the IP address assigned to this interface			
mask	STRING	Specifies the mask assigned to this interface			
mtu	STRING	Specifies maximum transmission unit in bytes			
rx	OBJECT	Contains statistics on received bytes			
bytes	STRING	Specifies the number of received bytes			
dropped	STRING	Specifies the number of received byte drops			
errors	STRING	Specifies the number of received byte errors			
frame	STRING	Specifies the number of received byte errors Specifies the number of received frames			
	STRING	Specifies the number of received overruns			
overruns packets	STRING	Specifies the number of received packets			
	OBJECT	Contains statistics on transmitted bytes			
tx	STRING	Specifies the number of transmitted bytes			
bytes		Specifies the number of transmitted bytes Specifies the number of transmitted carriers			
carrier	STRING	<u> </u>			
collisions	STRING	Specifies the number of transmitted collisions			
dropped	STRING	Specifies the number of transmitted drops			
errors	STRING	Specifies the number of transmitted errors			
overruns	STRING	Specifies the number of transmitted overruns			
packets	STRING	Specifies the number of transmitted packets			
queueLength	STRING	Specifies the number of packets that can be queued for transmission			
wlan1History	ARRAY	Specifies daily statistics on Wi-Fi AP interface traffic			
date	UINT	Specifies the date in format MM/DD/YYYY			
rx	UINT	Specifies the number of received bytes for the day			
tx	UINT	Specifies the number of transmitted bytes for the day			
wlan1Total	OBJECT	Total and today statistics on the Wi-Fi as WAN interface traffic			
todayRx	UINT	Specifies the number of bytes received today			
todayTx	UINT	Specifies the number of bytes transmitted today			
totalRx	UINT	Specifies the number of bytes received during the pre-determined period			

Element	Туре	Description
totalTx	UINT	Specifies the number of bytes transmitted during the pre-determined period

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