



Status

Status

Interface

Network

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Services

System

^ System Information

<b>Device Model</b>	R1520-4L (S)
<b>System Uptime</b>	4 days, 20:58:38
<b>System Time</b>	Sat Feb 20 14:06:02 2021
<b>RAM Usage</b>	73M Free/128M Total
<b>Firmware Version</b>	3.1.5 (Rev 3457)
<b>Hardware Version</b>	1.1
<b>Kernel Version</b>	4.9.152
<b>Serial Number</b>	05670320110277

^ Internet Status

<b>Active Link</b>	WLAN DHCP
<b>Uptime</b>	4 days, 20:42:53
<b>IP Address</b>	192.168.1.136/255.255.255.0
<b>Gateway</b>	192.168.1.1

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Link Manager | Status

Status

Interface

Link Manager

- LAN
- Ethernet
- Cellular
- WiFi
- WLAN
- USB
- DIDO
- AI
- Serial Port

Network

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Services

System

^ General Settings

Primary Link: WLAN

Backup Link: WWAN2

Backup Mode: Cold Backup

Revert Interval: 0

Emergency Reboot: OFF

^ Link Settings

Index	Type	Description	Connection Type	
1	WWAN1		DHCP	
2	WWAN2		DHCP	
3	WAN		DHCP	
4	WLAN		DHCP	

Submit Cancel

Link Manager | Status

Status

Interface

Link Manager

- LAN
- Ethernet
- Cellular
- WiFi
- WLAN
- USB
- DIDO
- AI
- Serial Port

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^ Link Status

Index	Link	Status	Uptime	IP Address
1	WLAN DHCP	Connected	4 days, 20:44:05	192.168.1.136/255.255.255.0
2	WWAN2	Disconnected		

^ WWAN Data Usage Statistics

WWAN1 Monthly Stats Clear

WWAN2 Monthly Stats Clear

^ WAN Data Usage Statistics

WAN Monthly Stats Clear

Link Manager

^ General Settings

Index: 1

Type: WWAN1

Description:

^ WWAN Settings

^ Ping Detection Settings

Enable: ON OFF

Primary Server: 8.8.8.8

Secondary Server: 114.114.114.114

Interval: 300

Retry Interval: 5

Timeout: 3

Max Ping Tries: 3

^ Advanced Settings

Submit Close

Submit Cancel

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2021-02-20 07:29:10

LAN

Multiple IP

Status

Status

Interface

Link Manager

LAN

Ethernet

Cellular

WiFi

WLAN

USB

DIDO

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Serial Port



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System

Network Settings

Index	Interface	IP Address	Netmask	VLAN ID	
1	lan0	192.168.0.1	255.255.255.0	0	 

Submit

Cancel

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LAN

^ General Settings

Index: 1

Interface: lan0

IP Address: 192.168.0.1

Netmask: 255.255.255.0

MTU: 1500

^ DHCP Settings

Enable: ON

Mode: Server

IP Pool Start: 192.168.0.2

IP Pool End: 192.168.0.100

Subnet Mask: 255.255.255.0

^ DHCP Advanced Settings

Submit Close

Submit Cancel

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LAN

Multiple IP

Status

Status

Interface

Link Manager

LAN

Ethernet

Cellular

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WLAN

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DIDO

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Multiple IP Settings

Index	Interface	IP Address	Netmask
-------	-----------	------------	---------



Submit

Cancel

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2021-02-20 07:29:10



**Multiple IP**

^ IP Settings

Index	<input type="text" value="1"/>
Interface	<input type="text" value="lan0"/> v
IP Address	<input type="text"/>
Netmask	<input type="text"/>

- WLAN
- USB
- DIDO
- AI
- Serial Port

**Network**

**VPN**

**Services**

**System**

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LAN

Multiple IP

Status

Status

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Link Manager

LAN

Ethernet

Cellular

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WLAN

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DIDO

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Network

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^ Interface Status

Index	Interface	IP Address	MAC Address
1	lan0	192.168.0.1/255.2...	34:FA:40:1A:84:85

^ Connected Devices

Index	IP Address	MAC Address	Interface	Inactive Time
1	192.168.1.1	A0:B5:49:0B:34:20	lan0	420328s
2	192.168.1.111	00:07:4D:A3:4A:3E	lan0	397136s
3	192.168.1.106	90:78:41:5B:0A:40	lan0	402297s
4	192.168.1.108	00:68:EB:ED:5F:FC	lan0	419885s

^ DHCP Lease Table

Index	IP Address	MAC Address	Interface	Expired Time
-------	------------	-------------	-----------	--------------

- Status
- Interface
  - Link Manager
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  - Ethernet**
  - Cellular
  - WiFi
  - WLAN
  - USB
  - DIDO
  - AI
  - Serial Port
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- System

Ports | **Status**

^ Port Settings

Index	Port	Port Assignment	
1	eth0	wan	
2	eth1	lan0	
3	eth2	lan0	
4	eth3	lan0	
5	eth4	lan0	

Submit Cancel

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2021-02-20 07:29:10

Ports

^ Port Settings

Index

Port

Port Assignment

Submit Close

5 eth4 lan0

Cellular  
WiFi  
WLAN  
USB  
DIDO  
AI  
Serial Port

Network  
VPN  
Services  
System

Submit Cancel

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Ports

Status

Status

Interface

- Link Manager
- LAN
- Ethernet**
- Cellular
- WiFi
- WLAN
- USB
- DIDO
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^ Port Status

Index	Port	Link
1	eth0	Down
2	eth1	Down
3	eth2	Down
4	eth3	Down
5	eth4	Down

Cellular

Status

AT Debug

Status

Interface

- Link Manager
- LAN
- Ethernet
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- WiFi
- WLAN
- USB
- DIDO
- AI
- Serial Port

Network

VPN

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System

^ Advanced Cellular Settings

Index	SIM Card	Phone Number	Network Type	Band Select Type	
1	SIM1		Auto	All	
2	SIM2		Auto	All	

Submit

Cancel

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2021-02-20 07:29:10

Cellular

^ General Settings

Index

SIM Card 

Phone Number

PIN Code  ?

Extra AT Cmd  ?

Telnet Port  ?

^ Cellular Network Settings

Network Type 

Band Select Type 

^ Advanced Settings

Submit Close

Services

System

Submit Cancel

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### Cellular

#### ^ General Settings

Index	<input type="text" value="1"/>
SIM Card	<input type="text" value="SIM1"/> v
Phone Number	<input type="text"/>
PIN Code	<input type="text"/> ?
Extra AT Cmd	<input type="text"/> ?
Telnet Port	<input type="text" value="0"/> ?

#### ^ Cellular Network Settings

Network Type	<input type="text" value="Auto"/> v ?
Band Select Type	<input type="text" value="All"/> v ?

#### ^ Advanced Settings

Debug Enable	<input checked="" type="checkbox"/> ON <input type="checkbox"/> OFF
Verbose Debug Enable	<input type="checkbox"/> ON <input checked="" type="checkbox"/> OFF



Cellular

Status

AT Debug

Status

Interface

- Link Manager
- LAN
- Ethernet
- Cellular**
- WiFi
- WLAN
- USB
- DIDO
- AI
- Serial Port

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^ Status

Index	Modem Status	Modem Model	IMSI	Registration
1	SIM not detected	EC25-EC		

<b>Index</b>	1
<b>Modem Status</b>	SIM not detected
<b>Modem Model</b>	EC25-EC
<b>Current SIM</b>	SIM2
<b>IMSI</b>	
<b>Registration</b>	
<b>Network Provider</b>	
<b>Network Type</b>	
<b>Signal Strength</b>	
<b>Bit Error Rate</b>	
<b>PLMN ID</b>	
<b>Local Area Code</b>	
<b>Cell ID</b>	
<b>IMEI</b>	860425049255878
<b>Firmware Version</b>	EC25ECGAR06A06M1G

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Cellular

Status

AT Debug

Status

Interface

Link Manager

LAN

Ethernet

Cellular

WiFi

WLAN

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DIDO

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^ AT Debug

Command

Result

Send

WiFi

Status

Interface

- Link Manager
- LAN
- Ethernet
- Cellular
- WiFi**
- WLAN
- USB
- DIDO
- AI
- Serial Port

Network

VPN

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System

^ General Settings

Mode  ?

Region  ?

Submit

Cancel

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2021-02-20 07:29:10

- Status
- Interface
  - Link Manager
  - LAN
  - Ethernet
  - Cellular
  - WiFi
  - WLAN**
  - USB
  - DIDO
  - AI
  - Serial Port
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- VPN
- Services
- System

**Status**

---

**WLAN Status**

<b>Status</b>	Connected
<b>Uptime</b>	4 days, 20:48:16
<b>IP Address</b>	192.168.1.136/255.255.255.0
<b>Gateway</b>	192.168.1.1
<b>DNS</b>	192.168.1.1
<b>MAC Address</b>	34:fa:40:01:fa:e8

---

**Link Status**

<b>Signal</b>	-53 dBm
<b>Noise</b>	-95 dBm
<b>Width</b>	20 MHz
<b>TX Bitrate</b>	130.0 MBit/s MCS 14 short GI
<b>TX</b>	778237813 bytes (1590601 packets)
<b>RX</b>	2274595951 bytes (9839867 packets)

---

**WPA Status**

<b>WPA State</b>	COMPLETED
<b>Frequency</b>	2437
<b>BSSID</b>	a0:b5:49:0b:34:29
<b>SSID</b>	Cablant
<b>Mode</b>	station
<b>Key Management</b>	WPA2-PSK
<b>Pairwise Cipher</b>	CCMP
<b>Group Cipher</b>	CCMP

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USB

Key

Status

Interface

- Link Manager
- LAN
- Ethernet
- Cellular
- WiFi
- WLAN
- USB**
- DIDO
- AI
- Serial Port

Network

VPN

Services

System

^ General Settings

Enable USB  ON  OFF

Enable Automatic Upgrade  ON  OFF

Submit

Cancel

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USB

Key

Status

^ Key

Interface

USB Automatic Upgrade Key

Generate

- Link Manager
  - LAN
  - Ethernet
  - Cellular
    - WiFi
    - WLAN
  - USB**
  - DIDO
  - AI
  - Serial Port

Network

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DI DO Status

Status

Interface

- Link Manager
  - LAN
  - Ethernet
  - Cellular
    - WiFi
    - WLAN
  - USB
- DIDO**
  - AI
  - Serial Port

Network

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System

^ DI Settings

Index	Enable	Mode	Inversion	
1	false	ON-OFF	false	

Submit

Cancel

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Robustel Technologies | Logout

DI

^ General Settings

Index

Enable  ON  OFF

Mode  v

Inversion  ON  OFF

Alarm On Content

Alarm Off Content

Submit Close

AI  
Serial Port

Network

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Services

System

Submit Cancel

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2021-02-20 07:29:10



DI

DO

Status

Status

Interface

- Link Manager
  - LAN
  - Ethernet
  - Cellular
    - WiFi
    - WLAN
  - USB
- DIDO**
  - AI
  - Serial Port

Network

VPN

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System

^ DO Settings

Index	Enable	Alarm On Action	Alarm Off Action	Initial State	Alarm Source	
1	false	High	Low	Last	DI1 Alarm	

Submit

Cancel

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DO

^ General Settings

Index

Enable  ON  OFF

Alarm On Action  v

Alarm Off Action  v

Initial State  v

Delay  ?

Hold Time  ?

Alarm Source  v

Submit Close

Network

VPN

Services

System

Submit Cancel

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DI

DO

Status

Status

^ DI Status

Index	Level	Status	Count
1	Low	Alarm off	

^ Action Of Clear

Counter Alarm Of DI 1

Clear

^ DO Status

Index	Level	Low-level Width	High-level Width
1	Low		

^ DO Control

Level Of DO1

Toggle

Interface

- Link Manager
- LAN
- Ethernet
- Cellular
- WiFi
- WLAN
- USB
- DIDO**
- AI
- Serial Port

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System

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AI

Status

Status

Interface

- Link Manager
  - LAN
  - Ethernet
  - Cellular
    - WiFi
    - WLAN
  - USB
  - DIDO
  - AI
    - Serial Port

Network

VPN

Services

System

^ AI Settings

Index	Enable	Input Type	Interval	
1	false	Voltage	5	

Submit

Cancel

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Robustel Technologies | Support | Logout

AI

Serial Port

Network

VPN

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System

### AI

#### ^ General Settings

Index	<input type="text" value="1"/>
Enable	<input type="checkbox"/> ON <input checked="" type="checkbox"/> OFF
Input Type	<input type="text" value="Voltage"/> v ?
Min Threshold	<input type="text" value="3"/> ?
Max Threshold	<input type="text" value="20"/> ?
Interval	<input type="text" value="5"/> ?

Submit Close

Submit Cancel

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AI

Status

Status

Interface

- Link Manager
- LAN
- Ethernet
- Cellular
- WiFi
- WLAN
- USB
- DIDO

AI

Serial Port

Network

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System

^ AI Status

Index	Type	Min Threshold	Max Threshold	Value
1	voltage	3	20	

Serial Port | Status

Status

Interface

- Link Manager
- LAN
- Ethernet
- Cellular
- WiFi
- WLAN
- USB
- DIDO
- AI

Serial Port

Network

VPN

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System

Serial Port Settings

Index	Port	Enable	Baud Rate	Application Mode	
1	COM1	false	115200	Transparent	
2	COM2	false	115200	Transparent	

Submit

Cancel

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Serial Port

^ Serial Port Application Settings

Index: 1

Port: COM1

Enable:  ON  OFF

Baud Rate: 115200

Data Bits: 8

Stop Bits: 1

Parity: None

Flow Control: None

^ Data Packing

Packing Timeout: 50

Packing Length: 1200

^ Server Setting

Application Mode: Transparent

Submit Close

Submit Cancel

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Serial Port

^ Serial Port Application Settings

Index: 2

Port: COM2

Enable:  ON  OFF

Baud Rate: 115200

Data Bits: 8

Stop Bits: 1

Parity: None

Flow Control: None

^ Data Packing

Packing Timeout: 50

Packing Length: 1200

^ Server Setting

Application Mode: Transparent

Submit Close

Submit Cancel

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Serial Port

Status

Status

Interface

- Link Manager
- LAN
- Ethernet
- Cellular
- WiFi
- WLAN
- USB
- DIDO
- AI

Serial Port

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Serial Port Status

Index	Type	TX	RX	Connection Status
1	RS232	0B	0B	
2	RS485	0B	0B	

Save & Apply | Reboot | Logout

Static Route | Status

**Status**

**Interface**

**Network**

- Route**
- Firewall
- IP Passthrough

**VPN**

**Services**

**System**

^ Static Route Table

Index	Description	Destination	Netmask	Gateway	Interface	
-------	-------------	-------------	---------	---------	-----------	--

Submit Cancel

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2021-02-20 07:29:10

Static Route

Static Route

Index: 1

Description:

Destination:

Netmask:

Gateway:

Interface: wlan0

Submit Close

System

Submit Cancel

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Static Route      Status

- Status
- Interface
- Network
  - Route
  - Firewall
  - IP Passthrough
- VPN
- Services
- System

^ Route Table

Index	Destination	Netmask	Gateway	Interface	Metric
1	0.0.0.0	0.0.0.0	192.168.1.1	wlan0	0
2	172.16.0.0	255.255.0.0	172.16.0.21	tun0	0
3	172.16.0.1	255.255.255.255	172.16.0.21	tun0	0
4	172.16.0.21	255.255.255.255	0.0.0.0	tun0	0
5	192.168.0.0	255.255.255.0	0.0.0.0	lan0	0
6	192.168.1.0	255.255.255.0	0.0.0.0	wlan0	0

Filtering

Port Mapping

Custom Rules

DMZ

Status

Status

Interface

Network

Route

Firewall

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^ General Settings

Enable Filtering  ON  OFF

Default Filtering Policy  ?

^ Access Control Settings

Enable Remote SSH Access  ON  OFF

Enable Local SSH Access  ON  OFF

Enable Remote Telnet Access  ON  OFF

Enable Local Telnet Access  ON  OFF

Enable Remote HTTP Access  ON  OFF

Enable Local HTTP Access  ON  OFF

Enable Remote HTTPS Access  ON  OFF

Enable Remote Ping Respond  ON  OFF ?

Enable DOS Defending  ON  OFF

Enable Console  ON  OFF ?

Enable VPN NAT Traversal  ON  OFF ?

^ Whitelist Rules ?

Index	Description	Source Address	
-------	-------------	----------------	--

^ Filtering Rules

Index	Source Address	Source Port	Source MAC	Target Address	Target Port	Protocol	
-------	----------------	-------------	------------	----------------	-------------	----------	--

Submit

Cancel

Filtering

^ Whitelist Rules

Index

Description

Source Address  ?

Submit Close

Enable Remote SSH Access  OFF

Enable Local SSH Access  ON

Enable Remote Telnet Access  OFF

Enable Local Telnet Access  ON

Enable Remote HTTP Access  OFF

Enable Local HTTP Access  ON

Enable Remote HTTPS Access  ON

Enable Remote Ping Respond  ON ?

Enable DOS Defending  ON

Enable Console  ON ?

Enable VPN NAT Traversal  OFF ?

^ Whitelist Rules ?

Index	Description	Source Address	
-------	-------------	----------------	--

^ Filtering Rules ?

Index	Source Address	Source Port	Source MAC	Target Address	Target Port	Protocol	
-------	----------------	-------------	------------	----------------	-------------	----------	--

Submit Cancel

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Filtering

^ Filtering Rules

Index

Description

Source Address  ?

Source MAC  ?

Target Address  ?

Protocol  v

Action  v

Submit

Close

Enable Remote HTTP Access  OFF

Enable Local HTTP Access  ON

Enable Remote HTTPS Access  ON

Enable Remote Ping Respond  ON ?

Enable DOS Defending  ON

Enable Console  ON ?

Enable VPN NAT Traversal  OFF ?

^ Whitelist Rules ?

Index	Description	Source Address	
-------	-------------	----------------	--

^ Filtering Rules

Index	Source Address	Source Port	Source MAC	Target Address	Target Port	Protocol	
-------	----------------	-------------	------------	----------------	-------------	----------	--

Submit

Cancel

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**robustel** Save & Apply | Reboot | Logout

**Filtering** | **Port Mapping** | **Custom Rules** | **DMZ** | **Status**

**Status**

**Interface**

**Network**

- Route
- Firewall**
- IP Passthrough

**VPN**

**Services**

**System**

**Port Mapping Rules**

Index	Description	Remote IP	Internet Port	Local IP	Local Port	Protocol	
-------	-------------	-----------	---------------	----------	------------	----------	--

**Submit** **Cancel**

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Port Mapping

^ Port Mapping Rules

Index	<input type="text" value="1"/>
Description	<input type="text"/>
Remote IP	<input type="text"/> ?
Internet Port	<input type="text"/> ?
Local IP	<input type="text"/>
Local Port	<input type="text"/> ?
Protocol	TCP-UDP v

Submit Close

Submit Cancel

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Filtering

Port Mapping

Custom Rules

DMZ

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Custom Iptables Rules

Index	Description	Rule	
1	-t nat -D PREROUTING -d '10...		
2	-t nat -I PREROUTING -d '10....		
3	-t nat -D POSTROUTING -s '1...		
4	-t nat -I POSTROUTING -s '1...		
5	-t nat -D POSTROUTING -o e...		
6	-t nat -A POSTROUTING -o e...		

Submit

Cancel

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Custom Rules

^ Custom Iptables Rule

Index

Description

Rule  ?

Submit Close

5	-t nat -D POSTROUTING -o e...
6	-t nat -A POSTROUTING -o e...

Submit Cancel

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Filtering

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DMZ Settings

Enable DMZ  ON  OFF

Host IP Address

Source IP Address  ?

Submit

Cancel

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Filtering

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Custom Rules

DMZ

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Status

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^ Chain Input

Index	Packets	Target	Protocol	In	Out	Source	Destination
1	0	DROP	tcp	wlan0	*	0.0.0.0/0	0.0.0.0/0
2	0	DROP	tcp	wlan0	*	0.0.0.0/0	0.0.0.0/0
3	0	DROP	tcp	wlan0	*	0.0.0.0/0	0.0.0.0/0
4	0	REJECT	tcp	*	*	0.0.0.0/0	0.0.0.0/0
5	1985	ACCEPT	tcp	*	*	0.0.0.0/0	0.0.0.0/0
6	0	DROP	tcp	*	*	0.0.0.0/0	0.0.0.0/0
7	0	ACCEPT	tcp	*	*	0.0.0.0/0	0.0.0.0/0
8	0	DROP	tcp	*	*	0.0.0.0/0	0.0.0.0/0
9	0	ACCEPT	icmp	*	*	0.0.0.0/0	0.0.0.0/0
10	0	DROP	icmp	*	*	0.0.0.0/0	0.0.0.0/0

^ Chain Forward

Index	Packets	Target	Protocol	In	Out	Source	Destination
1	6182	TCPMSS	tcp	*	*	0.0.0.0/0	0.0.0.0/0

^ Chain Output

Index	Packets	Target	Protocol	In	Out	Source	Destination
-------	---------	--------	----------	----	-----	--------	-------------

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- Status
- Interface
- Network
  - Route
  - Firewall
  - IP Passthrough
- VPN
- Services
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IP Passthrough

^ General Settings

Enable  ON  OFF ?

Submit

Cancel

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General

Tunnel

Status

x509

Status

Interface

Network

VPN

IPsec

OpenVPN

GRE

Services

System

^ General Settings

Keepalive  ?

Optimize DH Exponent Size  ON  OFF ?

Debug Enable  ON  OFF

Submit

Cancel

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General

Tunnel

Status

x509

Status

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VPN

IPsec

OpenVPN

GRE

Services

System

^ Tunnel Settings

Index	Enable	Description	Gateway	Local Subnet	Remote Subnet	
-------	--------	-------------	---------	--------------	---------------	--

Submit

Cancel

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2021-02-20 07:29:10

General

Tunnel

Status

x509

Status

Interface

Network

VPN

IPsec

OpenVPN

GRE

Services

System

^ IPsec Tunnel Status

Index	Description	Status	Uptime
-------	-------------	--------	--------

General

Tunnel

Status

x509

Status

Interface

Network

VPN

IPsec

OpenVPN

GRE

Services

System

^ X509 Settings

Tunnel Name

Tunnel 1

Local Certificate

Datei auswählen Keine ausgewählt

Remote Certificate

Datei auswählen Keine ausgewählt

Private Key

Datei auswählen Keine ausgewählt

CA Certificate

Datei auswählen Keine ausgewählt

PKCS#12 Certificate

Datei auswählen Keine ausgewählt

^ Certificate Files

Index	File Name	File Size	Modification Time
-------	-----------	-----------	-------------------

OpenVPN

Status

x509

Status

Interface

Network

VPN

IPsec



OpenVPN

GRE

Services

System

^ Tunnel Settings

Index	Enable	Description	Mode	
1	true		Auto	 

Submit

Cancel

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2021-02-20 07:29:10

OpenVPN

^ General Settings

Index

Enable  ON  OFF

Description

Mode  v ?

Private Key Password

Enable Client Status  ON  OFF ?

Enable NAT  ON  OFF

Submit Close

Advanced Settings

Submit Cancel

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2021-02-20 07:29:10

- Status
- Interface
- Network
- VPN
  - IPsec
  - OpenVPN
  - GRE
- Services
- System

^ OpenVPN Tunnel Status

Index	Description	Status	Mode	Uptime	Local IP
1		Connected	Auto	1 day, 21:48:11	172.16.0.22

^ OpenVPN Client List

Index	Common Name	Virtual IP	Real IP	Port
-------	-------------	------------	---------	------

OpenVPN

Status

x509

Status

Interface

Network

VPN

IPsec

OpenVPN

GRE

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System

^ X509 Settings

Tunnel Name

Mode

Root CA  Keine ausgewählt

Certificate File  Keine ausgewählt

Private Key  Keine ausgewählt

TLS-Auth Key  Keine ausgewählt

PKCS#12 Certificate  Keine ausgewählt

^ Certificate Files

Index	File Name	File Size	Modification Time
1	config.ovpn	5163	Tue Feb 16 01:14:08 2021



OpenVPN

Status

x509

Status

Interface

Network

VPN

IPsec

OpenVPN

GRE

Services

System

^ X509 Settings

Tunnel Name

Mode

Ovpn Config  Keine ausgewählt

^ Certificate Files

Index	File Name	File Size	Modification Time
1	config.ovpn	5163	Tue Feb 16 01:14:08 2021



- Status
- Interface
- Network
- VPN
  - IPsec
  - OpenVPN
  - GRE
- Services
- System

GRE Status

^ Tunnel Settings

Index	Enable	Description	Remote IP Address
-------	--------	-------------	-------------------



Submit

Cancel

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2021-02-20 07:29:10

GRE

^ Tunnel Settings

Index

Enable  ON  OFF

Description

Remote IP Address

Local Virtual IP Address

Local Virtual Netmask

Remote Virtual IP Address

Enable Default Route  ON  OFF

Enable NAT  ON  OFF

Secrets

Link Binding  v ?

Submit Close

Submit Cancel

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2021-02-20 07:29:10

GRE

Status

Status

Interface

Network

VPN

IPsec

OpenVPN

GRE

Services

System

^ GRE tunnel status

Index	Description	Status	Local IP Address	Remote IP Address	Uptime
-------	-------------	--------	------------------	-------------------	--------

- Status
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  - NTP
  - SMS
  - Email
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  - SSH
  - RCMS
  - Web Server
  - Advanced
  - Smart Roaming
- System

Syslog

^ Syslog Settings

Enable  ON  OFF

Syslog Level  v

Save Position  v ?

Log to Remote  ON  OFF ?

Submit Cancel



Event

Notification

Query

Status

Interface

Network

VPN

Services

Syslog

Event

NTP

SMS

Email

DDNS

Data Guard v2

SSH

RCMS

Web Server

Advanced

Smart Roaming

System

^ General Settings

Signal Quality Threshold



Submit

Cancel

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2021-02-20 07:29:10

Event Notification Query

Status

Interface

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VPN

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Event

NTP

SMS

Email

DDNS

Data Guard v2

SSH

RCMS

Web Server

Advanced

Smart Roaming

System

Event Notification Group Settings

Index	Description	Send SMS	Send Email	DO Control	Save to NVM
-------	-------------	----------	------------	------------	-------------

Submit

Cancel

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2021-02-20 07:29:10

[Event](#)
[Notification](#)
[Query](#)
[Status](#)
[Interface](#)
[Network](#)
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[Services](#)
[Syslog](#)
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[RCMS](#)
[Web Server](#)
[Advanced](#)
[Smart Roaming](#)
[System](#)

### Event Details

Save Position

Filtering

```

Jan 01 00:00:03, system startup
Jan 01 00:00:04, LAN port link down, eth1
Jan 01 00:00:04, LAN port link down, eth2
Jan 01 00:00:04, LAN port link down, eth3
Jan 01 00:00:05, LAN port link down, eth4
Jan 01 00:01:25, switch link, from WWAN1 to WWAN2
Jan 01 00:02:57, switch link, from WWAN2 to WWAN1
Jan 01 00:04:29, switch link, from WWAN1 to WWAN2
Jan 01 00:06:01, switch link, from WWAN2 to WWAN1
Jan 01 00:07:33, switch link, from WWAN1 to WWAN2
Jan 01 00:07:40, LAN port link up, eth1
Jan 01 00:08:55, switch link, from WWAN2 to WWAN1
Jan 01 00:10:18, switch link, from WWAN1 to WWAN2
Jan 01 00:11:41, switch link, from WWAN2 to WWAN1
Jan 01 00:11:50, switch link, from WWAN1 to WWAN2
Jan 01 00:11:50, configuration change, link_manager restored to default after firmware updating
Jan 01 00:11:51, configuration change, via web manager
Jan 01 00:12:34, configuration change, via web manager
Jan 01 00:13:30, configuration change, via web manager
Jan 01 00:15:19, configuration change, via web manager
Jan 01 00:15:24, WLAN up
Feb 15 17:24:26, system time update
Feb 15 22:16:13, LAN port link down, eth1
Feb 15 22:20:49, LAN port link up, eth1
Feb 15 22:27:32, LAN port link down, eth1
Feb 15 22:39:08, LAN port link up, eth1
Feb 15 22:44:32, LAN port link down, eth1
Feb 15 22:45:26, LAN port link up, eth1
Feb 16 01:15:58, configuration change, via web manager
Feb 16 01:16:00, OpenVPN tunnel up
Feb 16 01:23:34, configuration change, via web manager
Feb 16 03:22:26, LAN port link up, eth3
Feb 16 03:22:56, LAN port link down, eth3
Feb 16 03:23:02, LAN port link up, eth3
Feb 16 16:56:33, LAN port link down, eth3
Feb 16 16:56:38, LAN port link down, eth1
Feb 16 16:58:44, LAN port link up, eth1
Feb 17 15:37:38, LAN port link down, eth1
Feb 18 16:29:38, OpenVPN tunnel down
Feb 18 16:29:44, OpenVPN tunnel up
    
```

- Status
- Interface
- Network
- VPN
- Services
  - Syslog
  - Event
  - NTP**
  - SMS
  - Email
  - DDNS
  - Data Guard v2
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  - RCMS
  - Web Server
  - Advanced
  - Smart Roaming
- System

NTP Status

**Timezone Settings**

Time Zone: UTC+08:00

Expert Setting: [ ] ?

**NTP Client Settings**

Enable: ON OFF

Primary NTP Server: pool.ntp.org

Secondary NTP Server: [ ]

NTP Update Interval: 0 ?

**NTP Server Settings**

Enable: ON OFF

Submit Cancel

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2021-02-20 07:29:10



- Status
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- System

**NTP** | Status

^ Time

System Time	2021-02-20 14:19:52	
PC Time	2021-02-20 07:20:06	<b>Sync</b>
Last Update Time	2021-02-15 17:24:26	

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2021-02-20 07:29:10

SMS

SMS Testing

Status

Interface

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DDNS

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RCMS

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System

^ SMS Management Settings

Enable  ON  OFF

Authentication Type Password v ?

Phone Number ?

Submit

Cancel

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SMS

SMS Testing

Status

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Smart Roaming

System

^ SMS Testing

Phone Number

Message

Result

Send

Email

^ Email Settings

Status

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NTP

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DDNS

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RCMS

Web Server

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Smart Roaming

System

Enable  ON  OFF

Enable TLS/SSL  ON  OFF ?

Enable STARTTLS  ON  OFF

Outgoing Server

Server Port

Timeout  ?

Auth Login  ON  OFF ?

Username

Password

From

Subject

Submit

Cancel

- Status
- Interface
- Network
- VPN
- Services
  - Syslog
  - Event
  - NTP
  - SMS
  - Email
  - DDNS**
  - Data Guard v2
  - SSH
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- System

DDNS    Status

^ DDNS Settings

Enable  ON  OFF

Service Provider  v

Hostname

Username

Password

Max Tries  ?

Submit    Cancel

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DDNS

Status

Status

Interface

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Event

NTP

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Advanced

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System

^ DDNS Status

Status Disabled

Last Update Time

Data guard Status

Status

Interface

Network

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NTP

SMS

Email

DDNS

Data Guard v2

SSH

RCMS

Web Server

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Smart Roaming

System

General Settings

Enable  ON  OFF ?

Billing Cycle Auto Reconnect  ON  OFF ?

SMS Control Allow  ON  OFF ?

SMS Authentication Password v ?

Control Phone Number(s) ?

Billing Cycle Start Day 1 ?

Link Settings

Index	SIM Card	SMS Send Enable	Email Send Enable	
1	SIM1	false	false	
2	SIM2	false	false	

Submit

Cancel

ro... | Logout

### Data guard

^ Link Settings

Index: 1

SIM Card: SIM1

SMS Send Enable:  ON  OFF

Email Send Enable:  ON  OFF ?

SMS Alert Number(s): One

Email Alert Recipient(s): One

^ Init Data Settings

Initial Data Offset:  ON  OFF ?

Offset Value(MB): 0

^ Alert Settings

Alert1 Enable:  ON  OFF ?

Alert2 Enable:  ON  OFF ?

Data Cap Threshold(MB): 0

Submit Close

System

Submit Cancel

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- Status
- Interface
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  - SSH
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^ Sim Flow Status

Index	SIM Card	Link Status	Total TX DATA	Total RX DATA	Month to date DATA Usage
1	SIM1				
2	SIM2				

^ WWAN Data Usage Statistics ?

WWAN1 Monthly Stats

Clear

WWAN2 Monthly Stats

Clear

SSH

Keys Management

Status

Interface

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VPN

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Event

NTP

SMS

Email

DDNS

Data Guard v2

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System

SSH Settings

Enable  ON  OFF

Port

Disable Password Logins  ON  OFF

Submit

Cancel

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SSH

Keys Management

Status

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System

^ Import Authorized Keys

Authorized Keys

Datei auswählen

Keine ausgewählt

Import

RCMS

Event Selection

Status

Status

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VPN

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Event

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General Settings

Enable RCMS  ON  OFF

Enable RobustLink  ON  OFF

Enable RobustVPN  ON  OFF

RCMS Environment Custom

RCMS URL or IP rcms-cloud.robustel.ne

Port 443

Data Management

KeepAlive 600

Dynamic Report Capture 60min

Dynamic Report Upload 60min

GPS Reporting Settings On GPS co-ordinate

GPS Distance Threshold 20

Ping Settings

Enable Ping  ON  OFF

Primary Server 8.8.8.8

Ping Timeout 5

Ping Count 3

Submit

Cancel

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2021-02-20 07:29:10

RCMS

Event Selection

Status

Status

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^ Event Selection

System Startup  ON  OFF

System Time Update  ON  OFF

Cellular Network Type Change  ON  OFF

Cellular Data Stats Clear  ON  OFF

Cellular Data Traffic Overflow  ON  OFF

Poor Signal Quality  ON  OFF

Link Switching  ON  OFF

WAN Up  ON  OFF

WAN Down  ON  OFF

WLAN Up  ON  OFF

WLAN Down  ON  OFF

WWAN Up  ON  OFF

WWAN Down  ON  OFF

IPSec Connection Up  ON  OFF

IPSec Connection Down  ON  OFF

OpenVPN Connection Up  ON  OFF

OpenVPN Connection Down  ON  OFF

LAN Port Link Up  ON  OFF

LAN Port Link Down  ON  OFF

USB Device Connect  ON  OFF

USB Device Remove  ON  OFF

Submit

Cancel

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2021-02-20 07:29:10

RCMS   Event Selection   Status

**Status**

**Interface**

**Network**

**VPN**

**Services**

- Syslog
- Event
- NTP
- SMS
- Email
- DDNS
- Data Guard v2
- SSH
- RCMS**
- Web Server
- Advanced
- Smart Roaming

**System**

Link Switching	<input type="checkbox"/> ON	<input type="checkbox"/> OFF
WAN Up	<input type="checkbox"/> ON	<input type="checkbox"/> OFF
WAN Down	<input type="checkbox"/> ON	<input type="checkbox"/> OFF
WLAN Up	<input type="checkbox"/> ON	<input type="checkbox"/> OFF
WLAN Down	<input type="checkbox"/> ON	<input type="checkbox"/> OFF
WWAN Up	<input type="checkbox"/> ON	<input type="checkbox"/> OFF
WWAN Down	<input type="checkbox"/> ON	<input type="checkbox"/> OFF
IPSec Connection Up	<input type="checkbox"/> ON	<input type="checkbox"/> OFF
IPSec Connection Down	<input type="checkbox"/> ON	<input type="checkbox"/> OFF
OpenVPN Connection Up	<input type="checkbox"/> ON	<input type="checkbox"/> OFF
OpenVPN Connection Down	<input type="checkbox"/> ON	<input type="checkbox"/> OFF
LAN Port Link Up	<input type="checkbox"/> ON	<input type="checkbox"/> OFF
LAN Port Link Down	<input type="checkbox"/> ON	<input type="checkbox"/> OFF
USB Device Connect	<input type="checkbox"/> ON	<input type="checkbox"/> OFF
USB Device Remove	<input type="checkbox"/> ON	<input type="checkbox"/> OFF
DDNS Update Success	<input type="checkbox"/> ON	<input type="checkbox"/> OFF
DDNS Update Fail	<input type="checkbox"/> ON	<input type="checkbox"/> OFF
Received SMS	<input type="checkbox"/> ON	<input type="checkbox"/> OFF
SMS Command Execute	<input type="checkbox"/> ON	<input type="checkbox"/> OFF
DI 1 ON	<input type="checkbox"/> ON	<input type="checkbox"/> OFF
DI 1 OFF	<input type="checkbox"/> ON	<input type="checkbox"/> OFF
DI 1 Counter Overflow	<input type="checkbox"/> ON	<input type="checkbox"/> OFF

**Submit**   **Cancel**

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2021-02-20 07:29:10

RCMS

Event Selection

Status

Status

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^ Connection Status

**RobustLink Status** Disconnected

**RobustLink Last Connected**

**RobustVPN Status** Disconnected

**RobustVPN Last Connected**

**RobustVPN Virtual IP**

**RobustVPN SubNet Address**

Status

Interface

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VPN

Services

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System

^ General Settings

HTTP Port  ?

HTTPS Port  ?

Submit

Cancel

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^ Import Certificate

Import Type

HTTPS Certificate



System

Reboot

Status

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SMS

Email

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System Settings

Device Name

router



User LED Type

None



Submit

Cancel

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System

Reboot

Status

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VPN

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^ Periodic Reboot Settings

Periodic Reboot



Daily Reboot Time



Submit

Cancel

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Settings **Status**

**Status**

Interface

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- Syslog
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- Advanced
- Smart Roaming**

**System**

^ General Settings

Smart Roaming Enable  ON  OFF

^ Health Check

Health Check Interval  ?

RSSI Quality Check  ON  OFF ?

RSSI Threshold(2G)  ?

RSSI Threshold(3G)  ?

RSSI Threshold(4G)  ?

Network Delay Check  ON  OFF ?

RTT Timeout Threshold  ?

Packet Loss Rate Check  ON  OFF ?

Packet Loss Rate Threshold  ?

^ PING Settings ?

Primary Server

Secondary Server

PING Timeout  ?

Ping Tries  ?

^ Advanced Settings

Use Degraded Network  ON  OFF ?

Periodic Restart  ?

Daily Restart Time  ?

Submit

Cancel

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Settings

Status

Status

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System

^ Status

State Inactive

Operator Selection Mode

Time Since Last Network Scan

^ PLMN List

Index	Operator	PLMN	Status	RAT	RSSI(dbm)	Latency(ms)	Packet Loss(%)	HealthCheck
-------	----------	------	--------	-----	-----------	-------------	----------------	-------------

## Syslog

Status

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System

Debug

Update

App Center

Tools

Profile

User Management

## ^ Syslog Details

Log Level Filtering 

```
Feb 20 14:12:42 router user.debug rping[4049]: start ping 8.8.8.8 (wlan0)
Feb 20 14:12:42 router user.debug rping[4049]: PING 8.8.8.8 (8.8.8.8) from 192.168.1.136: 16 data
bytes
Feb 20 14:12:42 router user.debug rping[4049]: 24 bytes from 8.8.8.8: seq=0 ttl=116 time=4.688 ms
Feb 20 14:12:42 router user.debug rping[4049]:
Feb 20 14:12:42 router user.debug rping[4049]: --- 8.8.8.8 ping statistics ---
Feb 20 14:12:42 router user.debug rping[4049]: 1 packets transmitted, 1 packets received, 0% packet
loss
Feb 20 14:12:42 router user.debug rping[4049]: round-trip min/avg/max = 4.688/4.688/4.688 ms
Feb 20 14:12:42 router user.debug link_manager[4606]: rcv action ping_success from rping
Feb 20 14:12:42 router user.debug link_manager[4606]: target link WLAN DHCP, state Connected
Feb 20 14:12:42 router user.info link_manager[4606]: WLAN DHCP ping test success
Feb 20 14:17:42 router user.debug link_manager[4606]: WLAN DHCP (wlan0) start ping test
Feb 20 14:17:42 router user.debug rping[4499]: start ping 8.8.8.8 (wlan0)
Feb 20 14:17:42 router user.debug rping[4499]: PING 8.8.8.8 (8.8.8.8) from 192.168.1.136: 16 data
bytes
Feb 20 14:17:42 router user.debug rping[4499]: 24 bytes from 8.8.8.8: seq=0 ttl=116 time=4.464 ms
Feb 20 14:17:42 router user.debug rping[4499]:
Feb 20 14:17:42 router user.debug rping[4499]: --- 8.8.8.8 ping statistics ---
Feb 20 14:17:42 router user.debug rping[4499]: 1 packets transmitted, 1 packets received, 0% packet
loss
Feb 20 14:17:42 router user.debug rping[4499]: round-trip min/avg/max = 4.464/4.464/4.464 ms
Feb 20 14:17:42 router user.debug link_manager[4606]: rcv action ping_success from rping
Feb 20 14:17:42 router user.debug link_manager[4606]: target link WLAN DHCP, state Connected
Feb 20 14:17:42 router user.info link_manager[4606]: WLAN DHCP ping test success
Feb 20 14:22:42 router user.debug link_manager[4606]: WLAN DHCP (wlan0) start ping test
Feb 20 14:22:42 router user.debug rping[4963]: start ping 8.8.8.8 (wlan0)
Feb 20 14:22:42 router user.debug rping[4963]: PING 8.8.8.8 (8.8.8.8) from 192.168.1.136: 16 data
bytes
Feb 20 14:22:42 router user.debug rping[4963]: 24 bytes from 8.8.8.8: seq=0 ttl=116 time=4.468 ms
Feb 20 14:22:42 router user.debug rping[4963]:
Feb 20 14:22:42 router user.debug rping[4963]: --- 8.8.8.8 ping statistics ---
Feb 20 14:22:42 router user.debug rping[4963]: 1 packets transmitted, 1 packets received, 0% packet
loss
Feb 20 14:22:42 router user.debug rping[4963]: round-trip min/avg/max = 4.468/4.468/4.468 ms
Feb 20 14:22:42 router user.debug link_manager[4606]: rcv action ping_success from rping
Feb 20 14:22:42 router user.debug link_manager[4606]: target link WLAN DHCP, state Connected
Feb 20 14:22:42 router user.info link_manager[4606]: WLAN DHCP ping test success
```

Manual Refresh 

Clear

Refresh

## v Syslog Files

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  - Debug
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  - App Center
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Update

^ System Update

File

Datei auswählen

Keine ausgewählt

Update

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**App Center**

For more information about App, please refer to <http://www.robustel.com/products/app-center/>.

**App Install**

File  Keine ausgewählt

**Installed Apps**

Index	Name	Version	Status	Description	
1	data_guardv2	3.1.1	Stopped	data_guardv2	✕
2	rcms	3.1.1	Stopped	rcms Client Connected to RCMS	✕

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Ping

Traceroute

Sniffer

^ Ping

IP Address

Number of Request

5

Timeout

1

Local IP

Start

Stop

Ping

Traceroute

Sniffer

Status

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Trace Hops

Trace Timeout

Start

Stop



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^ Sniffer

Interface

Host

Packets Request

Protocol

Status

Start

Stop

^ Capture Files

Index	File Name	File Size	Modification Time
-------	-----------	-----------	-------------------

Profile Rollback

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Import Configuration File

Reset Other Settings to Default  ON  OFF ?

Ignore Invalid Settings  ON  OFF ?

XML Configuration File  Keine ausgewählt **Import**

Export Configuration File

Ignore Disabled Features  ON  OFF ?

Add Detailed Information  ON  OFF ?

Encrypt Secret Data  ON  OFF ?

XML Configuration File **Generate**

Default Configuration

Save Running Configuration as Default **Save** ?

Restore to Default Configuration **Restore**

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^ Configuration Rollback

Save as a Rollbackable Archive

Save



^ Configuration Archive Files

Index	File Name	File Size	Modification Time	
1	config1.tgz	4816	Sat Feb 20 00:00:03 2021	↺
2	config2.tgz	4816	Fri Feb 19 00:00:03 2021	↺
3	config3.tgz	4816	Thu Feb 18 00:00:03 2021	↺
4	config4.tgz	4816	Wed Feb 17 00:00:03 2021	↺

Super User | Common User

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Super User Settings

New Username

Old Password

New Password

Confirm Password

Submit

Cancel

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Super User | Common User

- Status
- Interface
- Network
- VPN
- Services

^ Common User Settings

Index	Role	Username
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- System
  - Debug
  - Update
  - App Center
  - Tools
  - Profile
- User Management

Submit Cancel

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**LOGIN**

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