



IbexOS Release Notes

Release 6.11.6-0

Westermo Network Technologies AB

October 16, 2025

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1 General Information

Company

Westermo Network Technologies AB

Contact Support

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Release Number

6.11.6-0

Software Build Number

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Date of this build

October 16, 2025

2 Release Highlights

2.1 6.11.6-0

- RED: Make system compliant with EN18031 (Radio Equipment Directive)
- Wireless: Fix Airtime Fairness (802.11ax products only)

3 Further Changes

3.1 6.11.6-0

- RED: Disallow operation with default passwords
- RED: Enforce password policy for user interface passwords
- RED: Use SNMPv3 as default instead of SNMPv2
- System: Improve bootuptime by about 60 seconds (802.11ax products only)
- Status: Fix memory leak in status

4 Limitations

- When the device is reconfigured to Mesh with SAE as encryption, the device has to be rebooted after applying the configuration (802.11n products only)
- Multi-SSID with DFS channels does not work (802.11n products only)
- It is recommended to operate the wave 1 card (radio1) with a maximum of 60 active clients. (802.11ac products only)

5 Configuration Parameter Changes

The following configuration items have been added, changed, removed, deprecated or obsoleted:

- [cfgCliPasswordHash](#) (added)
- [swSysInitialized](#) (added)
- [cfgHttpAdminPasswordHash](#) (changed)
- [cfgHttpMonitorPasswordHash](#) (changed)
- [cfgCliPassword](#) (deprecated)

6 Supported Cellular Firmware

This release supports and has been tested with the following cellular firmwares:

6.1 Ibex-RT-330, Ibex-RT-630

- EM12GPAR01A20M4G_01.003.01.003
- EM12GPAR01A21M4G_01.200.01.200

6.2 Ibex-RT-330-5G, Ibex-RT-630-5G

- RM520NGLAAR03A01M4G_01.202.01.202
- RM520NGLAAR03A03M4G_01.201.01.201

Other cellular firmware versions are not supported.

7 Changed Configuration Parameter Descriptions

7.1 MIB Reference: WESTERMO-SW6-MIB

7.1.1 [cfgCliPasswordHash](#)

CLI Password Hash

The password hash for CLI access.

To set a new password, a hash of a password or a clear-text password may be written to this parameter. Reading the password always returns the hashed version.

To generate a hash offline, use the command `openssl passwd -6`.

Type	DisplayString
Range	10 - 126
Access	readwrite
OID	1.3.6.1.4.1.16177.1.400.1.1.100.11

7.1.2 cfgCliPassword

Deprecated. Use `cfgCliPasswordHash`

Type	DisplayString
Range	0 - 126
Access	readwrite
OID	1.3.6.1.4.1.16177.1.400.1.1.100.3

7.1.3 cfgHttpMonitorPasswordHash

Monitor Password Hash

Used for configuration import/export only.

Use WebAPI or Web Interface to change the Password.

To generate a hash offline, use the command `openssl passwd -6 -salt monitor <password>`.

Type	DisplayString
Range	10 - 126
Access	readwrite
OID	1.3.6.1.4.1.16177.1.400.1.1.15.11

7.1.4 cfgHttpAdminPasswordHash

Admin Password Hash

Used for configuration import/export only.

Use WebAPI or Web Interface to change the Password.

To generate a hash offline, use the command `openssl passwd -6 -salt admin <password>`.

<i>Type</i>	DisplayString
<i>Range</i>	10 - 126
<i>Access</i>	readwrite
<i>OID</i>	1.3.6.1.4.1.16177.1.400.1.1.15.9

7.1.5 swSysInitialized

Initial Configuration Status

This entry reflects the status of the initial configuration. Once a first configuration has been applied, its value changes to true(1). It can only be reset to false(0) by performing a factory reset.

<i>Enumeration</i>	false (0), true (1)
<i>Access</i>	readonly
<i>OID</i>	1.3.6.1.4.1.16177.1.400.1.6.3.3