LCOS 10.92

Addendum

05/2025

LANCOM
SYSTEMS

Contents

Copyright

1 Addendum to LCOS version 10.92

This document describes the changes and enhancements in LCOS version 10.92 since the previous version.

2 Configuration

2.1 Device backup

Under **Extras** > **File management** > **Create device backup** or **Extras** > **File management** > **Restore device backup**, you can save important files in a password-protected ZIP archive. This file can later be uploaded back to the device for restoration.

The following functions/features, depending on the feature scope of the respective device, are included in the ZIP archive:

> encrypted configuration
> allowed SSH public keys
> known SSH hosts
> additional VPN CA certificates
> RADIUS accounting totals
> certificate list of the CA
> certificate serial number counter of the CA
> all Public Spot templates
> all Hotspot 2.0 provider icons
> WLC scripts (treated like regular files and stored unencrypted!)
> additional CA certificates for the alternate rollout configuration
> rollout wizard including template and logo
> custom wizards
> issue text
> SMS inbox and outbox

> IPerf TCP and UDP results

The following files are included, depending on the feature scope of the respective device:

> ssh_authkeys
> ssh_known_hosts
> vpn_add_cas
> radiuss_accnt_total
> scep_cert_list
> scep_cert_serial
> pbspot_template_welcome
> pbspot_template_login
> pbspot_template_error
> pbspot_template_start
> pbspot_template_status
> pbspot_template_logoff
> pbspot_template_help
> pbspot_template_noproxy
> pbspot_template_voucher
> pbspot_template_agb
> pbspot_template_reg_email
> pbspot_template_login_email
> pbspot_template_reg_sms
> pbspot_template_login_sms
> pbspot_formhdrimg
> pbspot_voucherimg_1
> pbspot_voucherimg_2
> pbspot_voucherimg_3
> pbspot_voucherimg_4
> pbspot_voucherimg_5
> pbspot_boxhdrimg
> pbspot_template_fallback
> pbspot_branding_logo
> hs20_prov_icon_1
> hs20_prov_icon_2
> hs20_prov_icon_3
> hs20_prov_icon_4
> hs20_prov_icon_5
> hs20_prov_icon_6
> hs20_prov_icon_7
> hs20_prov_icon_8
> hs20_prov_icon_9
> hs20_prov_icon_10
> hs20_prov_icon_11
> hs20_prov_icon_12
> hs20_prov_icon_13
> hs20_prov_icon_14
> hs20_prov_icon_15
> hs20_prov_icon_16
> WLC_Script_1.lcs
> WLC_Script_2.lcs

> WLC_Script_3.lcs
> default_add_cas
> rollout_wizard
> rollout_template
> rollout_logo
> user_wizard_1
> user_wizard_2
> user_wizard_3
> user_wizard_4
> issue
> shortmessaging_inbox
> shortmessaging_outbox
> iperf_tcp_last_result
> iperf_tcp_result_history
> iperf_udp_last_result
> iperf_udp_result_history

3 Virtual Private Networks – VPN

3.1 Block L2TP Tunnel Traffic Based on Transfer ID

As of LCOS 10.92, you can block L2TP tunnel traffic based on the Transfer ID.

To do this, go to **Communication** > **Remote Sites** > **L2TP** > **L2TP ethernet** in LANconfig, where you'll find the new setting **Inter-Client-Traffic**.

Inter-Client-Traffic

This toggle determines whether traffic between clients bound to the same L2TP Ethernet interface is allowed.

ⓘ When updating from a LCOS version earlier than 10.92, the configuration is automatically adjusted based on the default:

If multiple sessions are actually bound to the same L2TP Ethernet interface, the first appearance of the interface determines how the inter-client traffic option is set: If it is changed on its first occurrence, the same setting will be applied to all other sessions bound to the interface. Any changes on subsequent occurrences will be rejected. This prevents conflicting entries in the configuration.

3.1.1 Additions to the Setup menu

3.1.1.1 Inter-Client-Traffic

This toggle determines whether traffic between clients bound to the same L2TP Ethernet interface is allowed.

ⓘ When updating from a LCOS version earlier than 10.92, the configuration is automatically adjusted based on the default:

If multiple sessions are actually bound to the same L2TP Ethernet interface, the first appearance of the interface determines how the inter-client traffic option is set: If it is changed on its first occurrence, the same setting will be applied to all other sessions bound to the interface. Any changes on subsequent occurrences will be rejected. This prevents conflicting entries in the configuration.

SNMP ID:

2.2.39.4

Console path:

Setup > **WAN** > **L2TP-Ethernet**

Possible values:

Yes

Traffic is allowed between all clients bound to the same L2TP Ethernet interface.

No

Traffic is only allowed between the client and the LAN.

Default:

Yes

4 Voice over IP – VoIP

4.1 Configure DECT base station and handsets using LANconfig

As of LCOS 10.92, you can use the internal telephony features of the LANCOM DECT base station.

In LANconfig, you will find the new value **Internal Number** under **Voice Call Manager** > **Users** > **DECT base stations**.

Internal Number

To use internal telephony via the LANCOM DECT base station, the handsets must be uniquely identifiable. This is done via a unique two-digit number (11–99), by which the handset can be dialed directly using the "Int" button. If the value 0 is set, the next available number is searched for and assigned automatically.

4.1.1 Additions to the Setup menu

4.1.1.1 Internal-Number

To use internal telephony via the LANCOM DECT base station, the handsets must be uniquely identifiable. This is done via a unique twwo-digit number (11–99) by which the handset can be dialed directly using the "Int" button.

SNMP ID:

2.33.10.2.9

Console path:

Setup > **Voice-Call-Manager** > **DECT** > **Handsets**

Possible values:

11 … 99

Special values:

0

The router finds the next available number and assigns it automatically.

5 RADIUS

5.1 Dynamic RADIUS Caching

As of LCOS 10.92, the Dynamic RADIUS Caching feature is available.

Dynamic RADIUS Caching allows client authentication according to IEEE 802.1X even when there is no data connection to the RADIUS server. To achieve this, RADIUS Accept messages are cached and retained for a defined period to allow re-authentication of the respective clients. With MAC-based authentication, clients can reauthenticate on the port even if the RADIUS server is temporarily unavailable.

In LANconfig you can find the settings under **RADIUS** > **Server** > **Extended configuration** > **Forwarding** > **Forwarding server**.

Supervision profile

Specify a monitoring or supervision server for Dynamic RADIUS Caching here. See **Cache response**.

Cache response

Dynamic RADIUS Caching allows client authentication via IEEE 802.1X even when no data connection to the RADIUS server is available. RADIUS Accept messages are cached and retained for a defined period (see **Cache lifetime**) to enable re-authentication of the respective clients. Using MAC-based authentication, clients can re-authenticate at the port even if the RADIUS server is temporarily unavailable.

⚠ Only PAP is supported.

Only MAC-based authentication is supported.

For monitoring purposes, a supervision server must be configured (see **Supervision profile**).

ⓘ Under **Status** > **TCP-IP** > **RADIUS-Server** > **Access-Control** > **Cached-Responses** you can view the current Dynamic RADIUS Cache. The command-line instruction `show radius-server response-cache` shows all entries in full detail. You can narrow the results using wildcards. Example: `show radius-server response-cache * testuser` shows only entries for the user "testuser".

Cache lifetime

Specify the time period for Dynamic RADIUS Caching here. See **Cache response**.

5.1.1 Additions to the Setup menu

5.1.1.1 Sup.-Profile

Specify a monitoring or supervision server for dynamic RADIUS caching here. See also *2.25.10.3.20 Cache-Response* on page 12.

SNMP ID:

2.25.10.3.19

Console path:

Setup > **RADIUS** > **Server** > **Forward-Servers**

Possible values:

Max. 8 characters from `[A-Z][0-9]@{|}~!$%&'()+-,/:;<=>?[\]^_.`

Default:

empty

5.1.1.2 Cache-Response

Dynamic RADIUS caching allows client authentication via IEEE 802.1X even when there is no data connection to the RADIUS server. RADIUS Accept messages are cached and retained for a defined period (see *2.25.10.3.21 Cache-Lifetime* on page 13) to allow re-authentication of the respective clients. With MAC-based authentication, clients can re-authenticate on the port even if the RADIUS server is temporarily unavailable.

⚠ Only PAP is supported.

Only MAC-based authentication is supported.

A monitoring or supervision server must be configured (see *2.25.10.3.19 Sup.-Profile* on page 12).

ⓘ Under **Status** > **TCP-IP** > **RADIUS-Server** > **Access-Control** > **Cached-Responses** you can view the current dynamic RADIUS cache. The CLI provides the command `show radius-server response-cache` for this purpose, which outputs all individual entries in full. You can limit the output using wildcards. Example:

`show radius-server response-cache * testuser` shows only the entries for the user "testuser".

SNMP ID:

2.25.10.3.20

Console path:

Setup > **RADIUS** > **Server** > **Forward-Servers**

Possible values:

Yes

Enable dynamic RADIUS caching.

No

Disable dynamic RADIUS caching.

5.1.1.3 Cache-Lifetime

Specify the duration for dynamic RADIUS caching here. See also

SNMP ID:

2.25.10.3.21

Console path:

Setup > **RADIUS** > **Server** > **Forward-Servers**

Possible values:

Max. 10 characters from `[0-9]`

Default:

empty

6 Other services

6.1 LANCOM Security Essentials

As of LCOS 10.92, the option **LANCOM Content Filter** was renamed to **LANCOM Security Essentials**. As part of this renaming, the OEM partner for category filtering was changed from **IBM Orangefilter** to **Bitdefender**. As a result, both the groupings and names of the categories have changed.

Effects and notes

> The internal label **Content Filter** in **LANconfig** as well as the names of existing **firewall rules** remain unchanged.
> If you use the standard rules without customizations, the new categories have been mapped to them automatically and appropriately.
> If you use custom rule sets, please review and adapt the category assignments accordingly.

Licensing

> Licensing is no longer user-based.
> Theoretically, an unlimited number of users is now possible.
> In practice, throughput is limited by the device performance of the respective hardware. For details, see the *product website*.

Changes in the status menu

> There is a new status menu **Status** > **UTM** > **Content Filter** > **Statistics** (1.64.3.30) containing the following:

> > The seven scalars **Allowed-URLs**, **Overridden-URLs**, **Blocked-URLs**, **Whitelisted-URLs**, **Blacklisted-URLs**, **Error-Count** and **Uncategorized-URLs** were moved here from **Status** > **UTM** > **Content Filter** (1.64.3).
> > There are two status tables **Category-Statistics** (8) and **Last-Snapshot-Category-Statistics** (9), replacing the respective old tables from **Status** > **UTM** > **Content Filter** (1.64.3). The categories correspond to the new ones from Bitdefender.
> > There is a new table **Rating-Decisions** (10), which logs all rating decisions using HTTPS and all HTTP rating decisions with empty paths.
> > The three tables **Top-10-Allowed-Hosts** (11), **Top-10-Overridden-Hosts** (12), and **Top-10-Blocked-Hosts** (13) were moved here from **Status** > **UTM** > **Content Filter** > **Cache** (1.64.3.29). They list the Top 10 from the **Rating-Decisions** (10) table.
> > There are also three new snapshot tables:

> > > **Last-Snapshot-Top-10-Allowed-Hosts** (14),
> > > **Last-Snapshot-Top-10-Overridden-Hosts** (15), and
> > > **Last-Snapshot-Top-10-Blocked-Hosts** (16).

> > They store the latest snapshot of the Top 10 Allowed, Overridden, and Blocked Hosts tables. No snapshot exists for **Rating-Decisions** (10).
> > The scalar **Snapshot-Date** was also moved here.
> > The action **Delete-Values** (18) replaces **Statistics-Flush** and **Category-Statistics-Flush** from **Status** > **UTM** > **Content Filter** (1.64.3) and deletes all statistics from this new submenu, including snapshots. This action is also linked to **Status** > **Delete-Values** (1.100), meaning that it also clears statistics from this menu.

> In the status menu **Status** > **UTM** > **Content Filter** > **Cache** (1.64.3.29), the new action **Delete-Values** (9) replaces the previous **Cache-Flush** (7). It now deletes only the cache, not the Top-10 tables, which are instead handled under **Status** > **UTM** > **Content Filter** > **Statistics** > **Delete-Values** (1.64.3.30.18). The action **Status** > **Delete-Values** (1.100) now also deletes the content filter cache.

6.1.1 Detailed description of the categories

This section describes the groups / categories supported by OEM partner Bitdefender as of LCOS-Version 10.92.

6.1.1.1 Illegal

Software piracy

This category covers the software piracy websites which promote or offer content for distribution without the permission of the copyright holder.

Hate, Violence & Racism

This category is catch-all for the "Hate, Violence, Racism" category, and is intended to block the following category of sites:

> Websites belonging to the terrorist organizations;
> Websites with the racist or xenophobic content;
> Websites discussing aggressive sports, and/or promoting violence;

Example: *http://nirvanaglobal.com*

Suicide support/advocating

This category covers the websites promoting, offering or advocating the suicide. It does not cover the suicide prevention clinics.

Example: *http://suicidemethods.net*

Illegal narcotics

This category covers the websites sharing the information about the narcotics such as recreational and illegal drugs. This category also covers the websites covering the development or growing of drugs.

Example: *http://worldofseeds.eu*

Illegal activites

This category covers the websites which content would be considered illegal in most countries, including for example child sexual exploitation material. This category is a subset of *Illegal (general)* on page 15 which does not include hacking, piracy or narcotics.

Illegal (general)

This category covers the websites related to some illegal activity, including:

> Domains hosting peer to peer (BitTorrent, emule, DC++) tracker sites which are known in helping to distribute copyrighted content without the copyright holder consent;
> Domains hosting websites which distribute warez (pirated commercial software) or hosting the relevant discussion boards;
> Domains hosting websites dedicated to unlicensed use of software, such as hosting cracks, key generators and serial numbers to facilitate using of software illegally;
> Domains hosting Child Sexual Abuse Material (CSAM).

Some of those websites may be also detected as pornography or alcohol/tobacco, since they often use porn or alcohol advertisements to earn money.

Example: *http://www.thepiratebay.org*

6.1.1.2 Cyberthreats

Fraudulent websites

This means the URL points to a known fraudulent website. Unlike phishing site, a fraudulent site doesn't pretend to be someone else. Instead it tries to obtain something from the user (information, payment, credentials) by misrepresentation or fraud. For example, a fraudulent online store may offer very cheap prices for popular items (which it never ships).

Web proxies

This category covers the web pages which provide web proxy service. This is a "browser inside a browser" type website when a user opens a web page, enters the requested URL into a form, and presses "Submit". The web proxy site downloads the actual page, and shows it inside the user browser.

There are the following reasons this type is detected (and might need to be blocked):

> For anonymous browsing. Since the requests to the destination web server are made from the proxy web server, only its IP address is visible and if the server administrators trace the user, the trace will end on web proxy – which may or may not keep logs necessary to locate the original user.

> For location spoofing. User IP addresses are often used for profiling the service by source location (some national government websites may only be available from local IP addresses), and using those services might help the user to spoof his true location.

> For accessing prohibited content. If a simple URL filter is used, it will only see the web proxy URLs and not the actual servers the user visits.

> For avoiding company monitoring. A business policy might require monitoring employee Internet usage. Accessing everything through web proxy the user might escape the monitoring, which will not provide correct information.

Since the SDK analyzes the HTML page (if provided), and not just URLs, for some categories the SDK still will be able to detect the content. Other reasons, however, cannot be avoided just using the SDK. Here you can find a large list of web proxies.

Example: *http://www.hidemyass.com*

File sharing

This category covers the file sharing websites where a user could upload a file or files, and share them with the others. It also covers some torrent sharing websites and torrent trackers.

Example: *http://www.mediafire.com*

Hacking

This category covers the websites providing the hacking tools, articles and discussion platforms for the hackers. It also covers the websites offering the exploits for common platforms, which faciliate Facebook or Gmail account hacking.

Example: *http://passwordhacking.net*

Command & Control server

Homographs

Malware

This means the URL contains or serves malware, which could be executables, exploits, malicious JavaScript and so on.

Probable malware

Phishing

This means the URL points to a known phishing website. Phishing site is a type of website which pretends to be someone else. For example it may pretend to be a web site of your bank so you would fill in your your credentials.

Crypto miner

This means the web site attempts to mine cryptocurrency in the user's web browser, using the computer resources. The website usually hides this fact from the user, although some websites notify the user about it.

Spam

This means this URL has been seen in the spam e-mails, and hence is promoted by spamvertizing. The URL content however is not necessary malicious, unless other flags are present.

Unwanted websites

This means that this website contains potentially unwanted applications. These are applications that are often installed by third parties and used for malicious purposes. Even if the applications themselves are not malicious, according to Bitdefender's experience, the likelihood that these applications will be installed without the user's consent and then used for malicious purposes is much higher than others. This category includes software such as web or socks proxies, remote management, location tracking and so on.

Untrusted websites

This means the URL has certain particularities which cause Bitdefender to believe it is untrusted. The details for this definition are internal and subject to change anytime, so the partner should express caution whether to rely on this verdict or not.

6.1.1.3 Pornography

Pornography

This category covers sites containing erotic and pornography. It includes both paid and free sites. It covers the websites which provide pictures, stories and video, and will also detect pornographic content on mixed content websites.

Example: *http://www.redtube.com*

Sex toys

This category covers the websites which offer sexual oriented products and paraphernalia for sale.

Example: *http://pinkcherry.com*

Sexual content

This category covers the websites which contain sexual content but do not fit into any other category.

Example: *http://playboy.com*

Nudity

This category covers websites discussing and promoting nudism as well as other non-pornographic websites where human nudity is present as a main topic, generally either as a documentary or a form of art. The hardcore pornography is covered in *Pornography* on page 17 category.

Example: *http://art-nudes.co.uk*

Lingerie

This category covers the websites which promote or sell intimate apparel and swimwear.

Example: *http://victoriassecret.com*

6.1.1.4 Advertising

Advertising

This category covers the domains which main purpose is to serve ads.

Example: *http://adbooth.com*

6.1.1.5 Games

Games

This category covers the web pages which provide online games—typically Adobe Flash or JAVA applets. It does not matter for detection whether the game is free or requires subscription, however casino-style websites are detected in Gambling category. This category does not cover:

> Official websites of companies who develop video games (unless there are online games);
> Discussion websites where the games are discussed;
> Websites where non-online games can be downloaded (some of them are covered in *Illegal (general)* on page 15 category);
> Games which require the user to download and run the executable, like World of Warcraft. Those can be prevented by different means like using a firewall.

Example: *http://www.flashgames247.com*

Gambling

This category covers the gambling websites. Those are the "online casino" or "online lottery" type websites, which typically require a payment before the user can gamble for money in online roulette, poker, jack or similar games. Some of them are legitimate, meaning there is a chance to win, and some are fraudulent meaning that there is no chance to win. It also detects "beating tips and cheats" websites which describe the "working" ways to make money on gambling, and online lottery websites.

Example: *http://www.888.com*

6.1.1.6 Web applications

Radio, music

This category covers websites that offer Internet music streaming services, from online radio stations to websites that provide on demand (free or paid) audio content.

Example: *http://grooveshark.com*

Videos

This category covers the web pages which host various videos or photos, either uploaded by users or provided by various content providers. This includes websites like Youtube, Metacafe, Google Video, and Photo sites like Picasa or Flickr. It will also detect videos embedded in other sites or blogs.

Example: *http://www.youtube.com*

Hosting

This category covers free and commercial website hosting services, which allow private users and organizations to create and publish web pages.

Example: *http://www.godaddy.com*

Computer & software

This category covers the websites offering the computer software, typically either open source, freeware or shareware. It may also cover some online software stores.

Example: *http://www.bitdefender.com*

Social networks

This category covers the social network websites. This include MySpace.com, Facebook.com, Bebo.com, etc. However, the special purpose social networks like Youtube will be listed in Video/Photo category.

Example: *http://www.myspace.com*

Online dating

This category covers the online dating sites—paid and free—where users can search for users person using some criteria. They may also post their profiles to let others search them. This category includes both free and paid online dating websites.

Because most of the popular social networks can be used as online dating sites, some popular sites like Facebook are also detected in this category. It's recommended to use this category with *Social networks* on page 19 category.

Example: *http://www.match.com*

Job search

This category covers the websites presenting job boards, job-related classified ads and career opportunities, as well as aggregators of such services. It does not cover recruiting agencies or "jobs" pages on the regular company websites.

Example: *http://monster.com*

Online news portal

This category covers websites that aggregate information from multiple sources and various domains, and that usually offer features such as search engines, e-mail, news and entertainment information.

Example: *http://www.yahoo.com*

Search engines

This category covers the search engine websites such as Google, Yahoo, Bing and so on.

Example: *http://www.google.com*

Web mail

This category covers websites that provide e-mail functionality as a web application.

Example: *http://mail.google.com*

Blogs

This category covers personal websites as well as all types of blogs: individual, group and even company ones. A blog is a journal published on the World Wide Web consisting of entries ("posts"), typically displayed in reverse chronological order so the most recent post appears first.

Example: *http://blog.wordpress.com*

Instant messaging

This category covers the instant messaging and chat websites, which allow users to chat in real time. It will also detect yahoo.com and gmail.com, since they both contain an embedded instant messenger service.

Example: *http://www.meebo.com*

Online photos

This category includes well-known websites where photos are shared or sold.

Example: *http:/www.gettyimages.com*

6.1.1.7 Shopping

Online shops

This category covers the known online stores. An web site is considered an online store if it sells goods or service online.

Example: *http://www.bestbuy.com*

Real estate

This category covers the websites which offer real estate for sale and for rent, including the real estate agencies.

Example: *http://realestate.com.au*

6.1.1.8 Finance

Online pay

This category covers the websites offering the online payments or money transfers. It detects the popular payment sites like PayPal or Moneybookers. It also heuristically detects the web pages on the regular sites which ask for the credit card information, allowing detection of hidden, unknown or illegal online stores.

Example: *http://www.paypal.com*

Finance

This category covers the websites belonging to all the banks around the world which provide the online access. Some credit unions and other financial institutions are covered as well. However some local banks however may be left uncovered.

Example: *http://bankofamerica.com*

6.1.1.9 Religions & occult

Religion

This category covers the websites promoting a religion or sect. Also cover the discussion forums related to one or multiple religions.

Example: *http://www.scientology.com*

Occult

This category covers websites discussing and promoting supernatural or "magical" occult practices such as witchcraft, voodoo, satanism etc. It does not cover *Astrology* on page 21 nor organized *Religion* on page 20 websites.

Example: *http://spellwitch.com*

Astrology

This category covers the websites which promote, offer or share information about astrology-related beliefs such as horoscopes, zodiac signs, etc. It also covers similar non-astrology beliefs such as numerology, fortune-telling and so on. This category doesn't cover organized religions or cults.

Example: *http://astrology.com*

6.1.1.10 Informations

Society

This category covers the websites which are dedicated to specific social functions such as NGO, political parties etc.

Example: *http://carersinformation.org.uk*

Education

This category covers the websites belonging to official education institutions, including those outside the .edu domain. It also includes the educational websites such as encyclopedia.

Example: *http://lp.edu.ua*

Sexual education

This category covers the websites which contain institution-quality sexual education materials of non-pornographic nature.

Example: *http://sexualityeducation.com*

Government

This category covers the government websites, including the government institutions, embassies and office websites.

Example: *http://www.mid.ru*

Health

This category covers websites associated with medical institutions, websites related to disease prevention and treatment,websites that offer information or products about weight loss, diets, steroids, anabolic or HGH products, as well as websites providing information on plastic surgery.

Example: *http://www.webmd.com*

Pharmacy

This category covers the websites which offer medical information about medical drugs, offer medical advice, and sell medicine. Those may include illegitimate web pharmacies since we have no means to verity whether a particular pharmacy is duly licensed.

Example: *http://oxfordonlinepharmacy.co.uk*

Forums (Reddit etc.)

This category covers the forums, discussion boards and the question-answer type websites where the people can ask questions online and get the answers.

This category does not cover the specific sections on company websites where the customer questions are asked.

Example: *http://stackoverflow.com*

News

This category covers the news websites which provide text and video news. It strives to cover both global and local news websites, however some small very local news sites may not be covered.

Example: *http://www.cnn.com*

Business

This is a catch-all category which covers the corporate websites which typically do not belong to any other category.

Example: *http://www.shell.com*

6.1.1.11 Entertainment & Culture

Food

This category covers the web sites which content is related to food and non-alcoholic beverages, such as recipes, ingridients, caloric content etc.

Example: *http://food.com*

Kids

This category covers the websites designed to be used by children, with content such as children stories, games and media.

Example: *http://cartoonnetwork.com*

Pets

This category covers the websites which sell pets and pets accessories, or provide information and discussion space around pet ownership and support.

Example: *http://newpet.com*

Motor vehicles

This category covers the websites which contain information about motor-driven road vehicles such as cars, motorcycles, karts etc.

Example: *http://cars.com*

Lifestyle

This category covers the "lifestyle" websites dedicated to fashion, beauty products, and tattoos.

Example: *http://vogue.com*

Entertainment

This category covers websites that provide information related to artistic activities, museums as well as websites that review or rate content such as movies, music or art.

Example: *http://www.imdb.com*

Time wasters

This category covers websites where individuals tend to spend long amounts of time. This can include websites from other categories such as social networks, entertainment etc.

Example: *http://www.9gag.com*

Alcohol

This category includes "alcohol" websites that discuss the use or sale of alcohol products.

Tobacco

This category includes "tobacco" websites that discuss the use or sale of tobacco products.

Example: *http://www.cigar.com*

Marijuana

This category includes "medical" websites that discuss the use or sale of (legal) medical drugs or accessories.

ⓘ   Note that illegal drugs are covered in the category *Illegal narcotics* on page 15.

Travel

This category covers websites that present travel offers, travel equipment as well as travel destination reviews and ratings.

Example: *http://www.tripadvisor.com*

Sports

This category covers websites that offer sports information, news and tutorials.

Example: *http://www.eurosport.com*

Hobbies

This category covers websites that present resources related to activities typically performed during an individual's free time, such as collecting, arts and crafts, cycling, etc.

Example: *http://www.stamps.org*

Tabloids

This category is mainly designed for soft pornography and celebrity gossip sites. A lot of the tabloid-style news sites may have subcategories listed here. Detection for this category is also based on heuristics.

Example: *http://www.celebrity-gossip.net*

Weapon

This category covers the websites offering the weapons for sale or exchange, manufacture or usage. It also cover the hunting resources and the usage of air and BB guns as well as melee weapons.

Example: *http://hyattguns.com*

6.1.1.12 Miscellaneous

Miscellaneous

This category means the website has been seen by Bitdefender crawlers and cannot be categorized into any of existing categories.

Example: *http://randomcolour.com*

Uncategorized

6.1.2 Additions to the Setup menu

6.1.2.1 Category-Profiles

Here you create a category profile and define which categories or groups are considered when evaluating websites. For each group, you can allow, block, or enable the override function for individual categories.

Supported are devices with an active LANCOM Security Essentials Option and devices updated to LCOS 10.92 that previously had an active LANCOM Content Filter option.

(i)   The categories are provided and maintained by the specialized OEM partner Bitdefender.

SNMP ID:

2.41.2.3.5

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles**

Name

This is where you specify the name of the category profile by which it is referenced in the content filter profile for the LANCOM Security Essentials Option.

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

To activate the category profile, assign it to a content filter profile together with a time frame.

The predefined category profiles are BASIC-CATEGORIES, WORK-CATEGORIES, and PARENTAL-CONTROL.

SNMP ID:

2.41.2.3.5.1

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Max. 31 characters from `[A-Z][0-9]@{|}~!$%&'()+-,/:;<=>?[\]^_.`

Default:

empty

Uncategorized

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Miscellaneous > Uncategorized

Table 1: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

> 2.41.2.3.5.2

Console path:

> **Setup** > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

> **Allowed**
> **Forbidden**
> **Override**

Malware

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Cyberthreats > Malware

Table 2: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Forbidden
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Forbidden

SNMP ID:

> 2.41.2.3.5.3

Console path:

> **Setup** > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Phishing

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Cyberthreats > Phishing

Table 3: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Forbidden
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Forbidden

SNMP ID:

2.41.2.3.5.4

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Fraud

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Cyberthreats > Fraudulent websites

Table 4: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Forbidden
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Forbidden

SNMP ID:

> 2.41.2.3.5.5

Console path:

> **Setup** > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

> **Allowed**
> **Forbidden**
> **Override**

Untrusted

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Cyberthreats > Untrusted websites

Table 5: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Forbidden
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Forbidden

SNMP ID:

> 2.41.2.3.5.6

Console path:

> **Setup** > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

> **Allowed**
> **Forbidden**
> **Override**

Spam

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Cyberthreats > Spam

Table 6: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Forbidden

Category Profile	Setting
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Forbidden

SNMP ID:

2.41.2.3.5.7

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Potentially-Unwanted-Application

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Cyberthreats > Unwanted websites

Table 7: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Forbidden
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Forbidden

SNMP ID:

2.41.2.3.5.8

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Miner

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Cyberthreats > Crypto miner

Table 8: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Forbidden
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Forbidden

SNMP ID:

2.41.2.3.5.9

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Suspected-Malware

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Cyberthreats > Probable malware

Table 9: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Forbidden
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Forbidden

SNMP ID:

2.41.2.3.5.10

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

> **Allowed**
> **Forbidden**
> **Override**

Homograph

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Cyberthreats > Homographs

Table 10: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Forbidden
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Forbidden

SNMP ID:

> 2.41.2.3.5.11

Console path:

> **Setup** > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

> **Allowed**
> **Forbidden**
> **Override**

Command-And-Control

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Cyberthreats > Command & Control server

Table 11: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Forbidden
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Forbidden

SNMP ID:

>   2.41.2.3.5.12

Console path:

>   **Setup** > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

>   **Allowed**
>   **Forbidden**
>   **Override**

Ads

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Advertising > Advertising

Table 12: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Allow

SNMP ID:

>   2.41.2.3.5.13

Console path:

>   **Setup** > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

>   **Allowed**
>   **Forbidden**
>   **Override**

Advice

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Informations > Forums (Reddit etc.)

Table 13: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow

Category Profile	Setting
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.14

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Alcohol

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Entertainment & Culture > Alcohol

Table 14: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.15

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Astrology

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Religions & occult > Astrology

Table 15: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.16

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Auto

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Entertainment & Culture > Motor vehicles

Table 16: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.17

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

> **Allowed**
> **Forbidden**
> **Override**

Blogs

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Web applications > Blogs

Table 17: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

> 2.41.2.3.5.18

Console path:

> **Setup** > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

> **Allowed**
> **Forbidden**
> **Override**

Business

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Informations > Business

Table 18: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.19

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Computer-and-Software

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Web applications > Computer & software

Table 19: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.20

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Education

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Informations > Education

Table 20: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow

Category Profile	Setting
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

> 2.41.2.3.5.21

Console path:

> **Setup** > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

> **Allowed**
> **Forbidden**
> **Override**

Entertainment

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Entertainment & Culture > Entertainment

Table 21: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

> 2.41.2.3.5.22

Console path:

> **Setup** > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

> **Allowed**
> **Forbidden**
> **Override**

File-Sharing

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Cyberthreats > File sharing

Table 22: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.23

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Financial

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Finance > Finance

Table 23: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.24

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

> **Allowed**
> **Forbidden**
> **Override**

Food

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Entertainment & Culture > Food

Table 24: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

> 2.41.2.3.5.25

Console path:

> **Setup** > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

> **Allowed**
> **Forbidden**
> **Override**

Gambling

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Games > Gambling

Table 25: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Allow

SNMP ID:

>2.41.2.3.5.26

Console path:

>**Setup** > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

>**Allowed**
>**Forbidden**
>**Override**

Games

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Games > Games

Table 26: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Allow

SNMP ID:

>2.41.2.3.5.27

Console path:

>**Setup** > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

>**Allowed**
>**Forbidden**
>**Override**

Government

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Informations > Government

Table 27: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow

Category Profile	Setting
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

> 2.41.2.3.5.28

Console path:

> **Setup** > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

> **Allowed**
> **Forbidden**
> **Override**

Hacking

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Cyberthreats > Hacking

Table 28: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Forbidden
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Forbidden

SNMP ID:

> 2.41.2.3.5.29

Console path:

> **Setup** > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

> **Allowed**
> **Forbidden**
> **Override**

Hate

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Illegal > Hate, violence, racsim

Table 29: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Forbidden
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Forbidden

SNMP ID:

2.41.2.3.5.30

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Health

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Informations > Health

Table 30: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.31

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

    Allowed
    Forbidden
    Override

Hobbies

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Entertainment & Culture > Hobbies

Table 31: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Allow

SNMP ID:

    2.41.2.3.5.32

Console path:

    Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

    Allowed
    Forbidden
    Override

Hosting

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Web applications > Hosting

Table 32: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.33

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Illegal-Activities

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Illegal > Illegal activites

Table 33: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Forbidden
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Forbidden

SNMP ID:

2.41.2.3.5.34

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Illegal

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Illegal > Illegal (general)

Table 34: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Forbidden

Category Profile	Setting
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Forbidden

SNMP ID:

>2.41.2.3.5.35

Console path:

>**Setup** > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

>**Allowed**
>**Forbidden**
>**Override**

Instant-Message

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Web applications > Instant messaging

Table 35: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

>2.41.2.3.5.36

Console path:

>**Setup** > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

>**Allowed**
>**Forbidden**
>**Override**

Job-Search

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Web applications > Job search

Table 36: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.37

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Kids

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Entertainment & Culture > Kids

Table 37: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.38

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

> **Allowed**
> **Forbidden**
> **Override**

Lifestyle

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Entertainment & Culture > Lifestyle

Table 38: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Allow

SNMP ID:

> 2.41.2.3.5.39

Console path:

> **Setup** > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

> **Allowed**
> **Forbidden**
> **Override**

Lingerie

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Pornography > Lingerie

Table 39: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Forbidden

SNMP ID:

2.41.2.3.5.40

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Marijuana

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Entertainment & Culture > Marijuana

Table 40: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.41

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Miscellaneous

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Miscellaneous > Miscellaneous

Table 41: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow

Category Profile	Setting
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.42

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Narcotics-General

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Illegal > Illegal narcotics

Table 42: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.43

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

News

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Informations > News

Table 43: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.44

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Nudity

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Pornography > Nudity

Table 44: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Forbidden

SNMP ID:

2.41.2.3.5.45

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

>
> **Allowed**
> **Forbidden**
> **Override**

Occult

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Religions & occult > Occult

Table 45: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

> 2.41.2.3.5.46

Console path:

> **Setup** > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

>
> **Allowed**
> **Forbidden**
> **Override**

Online-Dating

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Web applications > Online dating

Table 46: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Forbidden

SNMP ID:

2.41.2.3.5.47

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Online-Pay

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Finance > Online pay

Table 47: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Forbidden

SNMP ID:

2.41.2.3.5.48

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Online-Photos

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Web applications > Online photos

Table 48: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow

Category Profile	Setting
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.49

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Online-Shop

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Shopping > Online shops

Table 49: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.50

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Pets

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Entertainment & Culture > Pets

Table 50: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.51

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Pharmacy

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Miscellaneous > Pharmacy

Table 51: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.52

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Piracy

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Illegal > Software piracy

Table 52: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Forbidden
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Forbidden

SNMP ID:

2.41.2.3.5.53

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Porn

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Pornography > Pornography

Table 53: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Forbidden
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Forbidden

SNMP ID:

2.41.2.3.5.54

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Portals

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Web applications > Online news portal

Table 54: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.55

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Radio-Music

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Web applications > Radio, music

Table 55: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow

Category Profile	Setting
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.56

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Real-Estate

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Shopping > Real estate

Table 56: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.57

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Religion

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Religions & occult > Religion

Table 57: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.58

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Search-Engines

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Web applications > Search engines

Table 58: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.59

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

> **Allowed**
> **Forbidden**
> **Override**

Sex-Toys

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Pornography > Sex toys

Table 59: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Forbidden
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Forbidden

SNMP ID:

> 2.41.2.3.5.60

Console path:

> **Setup** > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

> **Allowed**
> **Forbidden**
> **Override**

Sexual-Content

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Pornography > Sexual content

Table 60: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Forbidden
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Forbidden

SNMP ID:

2.41.2.3.5.61

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Sexual-Education

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Pornography > Sexual education

Table 61: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.62

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Social-Networks

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Web applications > Social networks

Table 62: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow

Category Profile	Setting
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.63

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Society

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Informations > Society

Table 63: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.64

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Sports

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Entertainment & Culture > Sports

Table 64: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.65

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Suicide

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Illegal > Suicide support/advocating

Table 65: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Forbidden
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Forbidden

SNMP ID:

2.41.2.3.5.66

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

> **Allowed**
> **Forbidden**
> **Override**

Tabloids

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Entertainment & Culture > Tabloids

Table 66: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

> 2.41.2.3.5.67

Console path:

> **Setup** > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

> **Allowed**
> **Forbidden**
> **Override**

Time-Wasters

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Entertainment & Culture > Time wasters

Table 67: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Allow

SNMP ID:

  2.41.2.3.5.68

Console path:

  Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

  Allowed
  Forbidden
  Override

Tobacco

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Entertainment & Culture > Tobacco

Table 68: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Forbidden

SNMP ID:

  2.41.2.3.5.69

Console path:

  Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

  Allowed
  Forbidden
  Override

Travel

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Entertainment & Culture > Travel

Table 69: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow

Category Profile	Setting
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.70

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Videos

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Web applications > Videos

Table 70: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.71

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Weapons

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Entertainment & Culture > Weapon

Table 71: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Allow
PARENTAL-CONTROL	Forbidden

SNMP ID:

2.41.2.3.5.72

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

Allowed
Forbidden
Override

Web-Mail

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Web applications > Web mail

Table 72: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Allow

SNMP ID:

2.41.2.3.5.73

Console path:

Setup > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

> **Allowed**
> **Forbidden**
> **Override**

Web-Proxy

Specify separately for each main category or its associated subcategories whether the associated URLs are allowed, blocked, or only allowed with override.

Category: Cyberthreats > Web proxies

Table 73: Settings for the Predefined Category Profiles

Category Profile	Setting
BASIC-CATEGORIES	Allow
WORK-CATEGORIES	Forbidden
PARENTAL-CONTROL	Allow

SNMP ID:

> 2.41.2.3.5.74

Console path:

> **Setup** > **UTM** > **Content-Filter** > **Profiles** > **Category-Profiles**

Possible values:

> **Allowed**
> **Forbidden**
> **Override**

7 Discontinued Features

As of LCOS 10.92, the following features have been discontinued:

> The category profile tables of the IBM Orange Filter (2.41.2.3.4) have been replaced by the new category profile tables from Bitdefender (2.41.2.3.5).

> The count of concurrently active users for the LANCOMLANCOM Security Essentials Option has been discontinued with the switch to Bitdefender. As a result, the menu item Action-on-License-Exceed is no longer available, since license exceedance is no longer possible due to the lack of user counting. (2.41.2.2.6)