

Cisco Web Usage Control Filtering Categories

Cisco® Web Usage Controls, available on the S-Series of Cisco Web Security Appliances, provide a highly advanced solution for URL categorization. Compared with more traditional URL filtering solutions, these controls improve the identification of objectionable content by over 50 percent.

Product Overview

The Web Security Appliance, powered by the Talos Security Intelligence and Research Group (Talos), is a highly secure gateway that provides security, control, and reporting for web traffic at organizations of all sizes. It extends web security to remote and mobile users, including those with tablets and smartphones, with the Cisco AnyConnect® Secure Mobility Client. It can also incorporate contextual user information generated by the Cisco Identity Services Engine.

The usage controls cover traditional web content with real-time categorization for previously unseen content. Additionally, they support coverage for dynamic Web 2.0 content - including blogs, social networks, and other limited-access content not visible to web crawlers. The real-time categorization feature is powered by the Cisco Dynamic Content Analysis Engine, which provides exceptional coverage for objectionable content.

Categories

Cisco constantly evaluates the relevance of sites within a particular category to achieve extraordinary accuracy. The following table contains an alphabetical listing and descriptions of the standard categories used to classify websites.

Category	Abbreviation	Code	Description	Example URLs
Adult	adlt	1006	Directed at adults, but not necessarily pornographic. May include adult clubs (strip clubs, swingers clubs, escort services, strippers); general information about sex, nonpornographic in nature; genital piercing; adult products or greeting cards; information about sex not in the context of health or disease.	http://www.adultentertainmentexpo.com http://www.adultnetline.com
Advertisements	adv	1027	Banner and pop-up advertisements that often accompany a webpage; other advertising websites that provide advertisement content. Advertising services and sales are classified as "business and industry."	http://www.adforce.com http://www.doubleclick.com
Alcohol	alc	1077	Alcohol as a pleasurable activity; beer and wine making, cocktail recipes; liquor sellers, wineries, vineyards, breweries, alcohol distributors. Alcohol addiction is classified as "health and nutrition." Bars and restaurants are classified as "dining and drinking."	http://www.samueladams.com http://www.whisky.com
Arts	art	1002	Galleries and exhibitions; artists and art; photography; literature and books; performing arts and theater; musicals; ballet; museums; design; architecture. Cinema and television are classified as "entertainment."	http://www.moma.org http://www.nga.gov
Astrology	astr	1074	Astrology; horoscope; fortune telling; numerology; psychic advice; tarot.	http://www.astro.com http://www.astrology.com
Auctions	auct	1088	Online and offline auctions, auction houses, and classified advertisements.	http://www.craigslist.com http://www.ebay.com

Category	Abbreviation	Code	Description	Example URLs
Business and industry	busi	1019	Marketing, commerce, corporations, business practices, workforce, human resources, transportation, payroll, security and venture capital; office supplies; industrial equipment (process equipment), machines and mechanical systems; heating equipment, cooling equipment; materials handling equipment; packaging equipment; manufacturing: solids handling, metal fabrication, construction and building; passenger transportation; commerce; industrial design; construction, building materials; shipping and freight (freight services, trucking, freight forwarders, truckload carriers, freight and transportation brokers, expedited services, load and freight matching, track and trace, rail shipping, ocean shipping, road feeder services, moving and storage).	http://www.freightcenter.com http://www.staples.com
Chat and instant messaging	chat	1040	Web-based instant messaging and chat rooms.	http://www.icq.com http://www.meebo.com
Cheating and plagiarism	plag	1051	Promoting cheating and selling written work, such as term papers, for plagiarism.	http://www.bestessays.com http://www.superiorpapers.com
Child abuse content	cpn	1064	Worldwide illegal child sexual abuse content. Without exception, Cisco blocks child abuse content for all customers, and for legal reasons keeps no logs. This category is never displayed.	-
Computer security	csec	1065	Offering security products and services for corporate and home users.	http://www.computersecurity.com http://www.symantec.com
Computers and the Internet	comp	1003	Information about computers and software, such as hardware, software, software support; information for software engineers, programming and networking; website design; the web and Internet in general; computer science; computer graphics and clipart. "Freeware and shareware" is a separate category.	http://www.xml.com http://www.w3.org
Dating	date	1055	Dating, online personals, matrimonial agencies.	http://www.eharmony.com http://www.match.com
Digital postcards	card	1082	Enabling sending of digital postcards and e-cards.	http://www.all-yours.net http://www.delivr.net
Dining and drinking	food	1061	Eating and drinking establishments; restaurants, bars, taverns, and pubs; restaurant guides and reviews.	http://www.hideawaybrewpub.com http://www.restaurantrow.com
DIY Projects	diy	1097	Guidance and information to create, improve, modify, decorate and repair objects, articles, without the aid of experts or professionals.	http://familyhandyman.com http://diy-tips.co.uk
Dynamic and residential	dyn	1091	IP addresses of broadband links that usually indicates users attempting to access their home network, for example for a remote session to a home computer.	109.60.192.55 dynalink.co.jp ipadsl.net
Education	edu	1001	Education-related, such as schools, colleges, universities, teaching materials, and teachers' resources; technical and vocational training; online training; education issues and policies; financial aid; school funding; standards and testing.	http://www.education.com http://www.greatschools.org
Entertainment	ent	1093	Details or discussion of films; music and bands; television; celebrities and fan websites; entertainment news; celebrity gossip; entertainment venues. Compare with the "arts" category.	http://www.eonline.com http://www.ew.com
Extreme	extr	1075	Material of a sexually violent or criminal nature; violence and violent behavior; tasteless, often gory photographs, such as autopsy photos; photos of crime scenes, crime and accident victims; excessive obscene material; shock websites.	http://www.car-accidents.com http://www.crime-scene-photos.com
Fashion	fash	1076	Clothing and fashion; hair salons; cosmetics; accessories; jewelry; perfume; pictures and text relating to body modification; tattoos and piercing; modeling agencies. Dermatological products are classified as "health and nutrition."	http://www.fashion.net http://www.findabeautysalon.com

Category	Abbreviation	Code	Description	Example URLs
File transfer services	fts	1071	File transfer services with the primary purpose of providing download services and hosted file sharing.	http://www.rapidshare.com http://www.yousendit.com
Filter avoidance	filt	1025	Promoting and aiding undetectable and anonymous web usage, including CGI, PHP, and Glymp anonymous proxy services.	http://www.bypassschoolfilter.com http://www.filterbypass.com
Finance	finc	1015	Primarily financial in nature, such as accounting practices and accountants, taxation, taxes, banking, insurance, investing, the national economy, personal finance involving insurance of all types, credit cards, retirement and estate planning, loans, mortgages. Stock and shares are classified as "online trading."	http://www.finance.yahoo.com http://www.bankofamerica.com
Freeware and shareware	free	1068	Providing downloads of free and shareware software.	http://www.freewarehome.com http://www.shareware.com
Gambling	gamb	1049	Casinos and online gambling; bookmakers and odds; gambling advice; competitive racing in a gambling context; sports booking; sports gambling; services for spread betting on stocks and shares. Websites dealing with gambling addiction are classified as "health and nutrition." Government-run lotteries are classified as "lotteries".	http://www.888.com http://www.gambling.com
Games	game	1007	Various card games, board games, word games, and video games; combat games; sports games; downloadable games; game reviews; cheat sheets; computer games and Internet games, such as role-playing games.	http://www.games.com http://www.shockwave.com
Government and law	gov	1011	Government websites; foreign relations; news and information relating to government and elections; information relating to the field of law, such as attorneys, law firms, law publications, legal reference material, courts, dockets, and legal associations; legislation and court decisions; civil rights issues; immigration; patents and copyrights; information relating to law enforcement and correctional systems; crime reporting, law enforcement, and crime statistics; military, such as the armed forces, military bases, military organizations; antiterrorism.	http://www.usa.gov http://www.law.com
Hacking	hack	1050	Discussing ways to bypass the security of websites, software, and computers.	http://www.hackthissite.org http://www.gohacking.com
Hate speech	hate	1016	Websites promoting hatred, intolerance, or discrimination on the basis of social group, color, religion, sexual orientation, disability, class, ethnicity, nationality, age, gender, gender identity; sites promoting racism; sexism; racist theology; hate music; neo-Nazi organizations; supremacism; Holocaust denial.	http://www.kkk.com http://www.nazi.org
Health and nutrition	hlth	1009	Health care; diseases and disabilities; medical care; hospitals; doctors; medicinal drugs; mental health; psychiatry; pharmacology; exercise and fitness; physical disabilities; vitamins and supplements; sex in the context of health (disease and health care); tobacco use, alcohol use, drug use, and gambling in the context of health (disease and health care); food in general; food and beverage; cooking and recipes; food and nutrition, health, and dieting; cooking, including recipe and culinary websites; alternative medicine.	http://www.health.com http://www.webmd.com
Humor	lol	1079	Jokes, sketches, comics and other humorous content. Adult humor likely to offend is classified as "adult."	http://www.humor.com http://www.jokes.com
Hunting	hunt	1098	Professional or sport hunting, gun clubs, and other hunting related sites.	http://africanskyhunting.co.za http://gillsprimitivearchery.com
Illegal activities	ilac	1022	Promoting crime, such as stealing, fraud, illegally accessing telephone networks; computer viruses; terrorism, bombs, and anarchy; websites depicting murder and suicide as well as explaining ways to commit them.	http://www.ekran.no http://www.thedisease.net

Category	Abbreviation	Code	Description	Example URLs
Illegal downloads	ildl	1084	Providing the ability to download software or other materials, serial numbers, key generators, and tools for bypassing software protection in violation of copyright agreements. Torrents are classified as "peer file transfer."	http://www.keygenguru.com http://www.zcrack.com
Illegal drugs	drug	1047	Information about recreational drugs, drug paraphernalia, drug purchase and manufacture.	http://www.cocaine.org http://www.hightimes.com
Infrastructure and content delivery networks	infr	1018	Content delivery infrastructure and dynamically generated content; websites that cannot be classified more specifically because they are secured or otherwise difficult to classify.	http://www.akamai.net http://www.webstat.net
Internet telephony	voip	1067	Telephonic services using the Internet.	http://www.evaphone.com http://www.skype.com
Job search	job	1004	Career advice; resume writing and interviewing skills; job placement services; job databanks; permanent and temporary employment agencies; employer websites.	http://www.careerbuilder.com http://www.monster.com
Lingerie and swimsuits	ling	1031	Intimate apparel and swimwear, especially when modeled.	http://www.swimsuits.com http://www.victoriassecret.com
Lotteries	lotr	1034	Sweepstakes, contests, and state-sponsored lotteries.	http://www.calottery.com http://www.flalottery.com
Military	mil	1099	Military, armed forces, military bases, military organizations, anti-terrorism.	http://goarmy.com http://raf.mod.uk
Mobile phones	cell	1070	Short Message Service (SMS); ringtones and mobile phone downloads. Cellular carrier websites are included in the "business and industry" category.	http://www.cbfsms.com http://www.zedge.net
Nature	natr	1013	Natural resources; ecology and conservation; forests; wilderness; plants; flowers; forest conservation; forest, wilderness, and forestry practices; forest management (reforestation, forest protection, conservation, harvesting, forest health, thinning, and prescribed burning); agricultural practices (agriculture, gardening, horticulture, landscaping, planting, weed control, irrigation, pruning, and harvesting); pollution issues (air quality, hazardous waste, pollution prevention, recycling, waste management, water quality, and the environmental cleanup industry); animals, pets, livestock, and zoology; biology; botany.	http://www.enature.com http://www.nature.org
News	news	1058	News; headlines; newspapers; television stations; magazines; weather; ski conditions.	http://www.cnn.com news.bbc.co.uk
Nongovernmental organizations	ngo	1087	Nongovernmental organizations such as clubs, lobbies, communities, nonprofit organizations, and labor unions.	http://www.panda.org http://www.unions.org
Nonsexual nudity	nsn	1060	Nudism and nudity; naturism; nudist camps; artistic nudes.	http://www.artenuda.com http://www.naturistsociety.com
Online communities	comm	1024	Affinity groups; special interest groups; web newsgroups; message boards. Excludes websites classified as "professional networking" or "social networking."	http://www.igda.org http://www.ieee.org
Online meetings	meet	1100	Online meetings, desktop sharing, remote access, and other tools that facilitate multi-location collaboration	http://webex.com http://gotomeeting.com
Online storage and backup	osb	1066	Offsite and peer-to-peer storage for backup, sharing, and hosting.	http://www.adrive.com http://www.dropbox.com
Online trading	trad	1028	Online brokerages; websites that enable the user to trade stocks online; information relating to the stock market, stocks, bonds, mutual funds, brokers, stock analysis and commentary, stock screens, stock charts, IPOs, stock splits. Services for spread betting on stocks and shares are classified as "gambling." Other financial services are classified as "finance."	http://www.tdameritrade.com http://www.scottrade.com
Organizational email	pem	1085	Websites used to access business email (often through Outlook Web Access).	-

Category	Abbreviation	Code	Description	Example URLs
Paranormal	prnm	1101	UFOs, ghosts, cryptid, telekinesis, urban legends, and myths.	http://phantomsandmonsters.com http://cryptozoology.com
Parked domains	park	1092	Websites that monetize traffic from the domain using paid listings from an ad network, or are owned by "squatters" hoping to sell the domain name for a profit. These also include fake search websites which return paid ad links.	http://www.domainzaar.com http://www.parked.com
Peer file transfer	p2p	1056	Peer-to-peer file request websites. This does not track the file transfers themselves.	http://www.bittorrent.com http://www.limewire.com
Personal sites	pers	1081	Websites about and from private individuals; personal homepage servers; websites with personal contents; personal blogs with no particular theme.	http://www.karymullis.com http://www.stallman.org
Personal VPN	pvpn	1102	Virtual Private Network (VPN) sites, or tools that are usually for personal use, which may or may not have been approved for corporate use	http://bartvpn.com http://hotspotshield.com
Photo searches and images	img	1090	Facilitating the storing and searching for, images, photographs, and clip art.	http://www.flickr.com http://www.photobucket.com
Politics	pol	1083	Websites of politicians; political parties; news and information on politics, elections, democracy, and voting.	http://www.politics.com http://www.thisnation.com
Pornography	porn	1054	Sexually explicit text or depictions. Includes explicit anime and cartoons; general explicit depictions; other fetish material; explicit chat rooms; sex simulators; strip poker; adult movies; lewd art; web-based explicit email.	http://www.redtube.com http://www.youporn.com
Professional networking	pnet	1089	Social networking for the purpose of career or professional development. See also "social networking."	http://www.linkedin.com http://www.europeanpwn.net
Real estate	rest	1045	Information that would support the search for real estate; office and commercial space; real estate listings, such as rentals, apartments, and homes; house building.	http://www.realtor.com http://www.zillow.com
Reference	ref	1017	City and state guides; maps, time; reference sources; dictionaries; libraries.	http://www.wikipedia.org http://www.yellowpages.com
Religion	rel	1086	Religious content, information about religions; religious communities.	http://www.religionfacts.com http://www.religioustolerance.org
SaaS and B2B	saas	1080	Web portals for online business services; online meetings.	http://www.netsuite.com http://www.salesforce.com
Safe for kids	kids	1057	Directed at, and specifically approved for, young children.	kids.discovery.com http://www.nickjr.com
Science and technology	sci	1012	Science and technology, such as aerospace, electronics, engineering, mathematics, and other similar subjects; space exploration; meteorology; geography; environment; energy (fossil, nuclear, renewable); communications (telephones, telecommunications).	http://www.physorg.com http://www.science.gov
Search engines and portals	srch	1020	Search engines and other initial points of access to information on the Internet.	http://www.bing.com http://www.google.com
Sex education	sxed	1052	Factual websites dealing with sex; sexual health; contraception; pregnancy.	http://www.avert.org http://www.scarleteen.com
Shopping	shop	1005	Bartering; online purchasing; coupons and free offers; general office supplies; online catalogs; online malls.	http://www.amazon.com http://www.shopping.com
Social networking	snet	1069	Social networking. See also "professional networking."	http://www.facebook.com http://www.twitter.com
Social science	socs	1014	Sciences and history related to society; archaeology; anthropology; cultural studies; history; linguistics; geography; philosophy; psychology; women's studies.	http://www.archaeology.org http://www.anthropology.net
Society and culture	scty	1010	Family and relationships; ethnicity; social organizations; genealogy; seniors; childcare.	http://www.childcare.gov http://www.familysearch.org

Category	Abbreviation	Code	Description	Example URLs
Software updates	swup	1053	Websites that host updates for software packages.	http://www.softwarepatch.com http://www.versiontracker.com
Sports and recreation	sprt	1008	All sports, professional and amateur; recreational activities; fishing; fantasy sports; public parks; amusement parks; water parks; theme parks; zoos and aquariums; spas.	http://www.espn.com http://www.recreation.gov
Streaming audio	aud	1073	Real-time streaming audio content including Internet radio and audio feeds.	http://www.live-radio.net http://www.shoutcast.com
Streaming video	vid	1072	Real-time streaming video including Internet television, web casts, and video sharing.	http://www.hulu.com http://www.youtube.com
Tobacco	tob	1078	Pro-tobacco websites; tobacco manufacturers; pipes and smoking products (not marketed for illegal drug use). Tobacco addiction is classified as "health and nutrition."	http://www.bat.com http://www.tobacco.org
Transportation	trns	1044	Personal transportation; information about cars and motorcycles; shopping for new and used cars and motorcycles; car clubs; boats, airplanes, recreational vehicles (RVs), and other similar items. Car and motorcycle racing is classified as "sports and recreation."	http://www.cars.com http://www.motorcycles.com
Travel	trvl	1046	Business and personal travel; travel information; travel resources; travel agents; vacation packages; cruises; lodging and accommodation; travel transportation; flight booking; airfares; car rental; vacation homes.	http://www.expedia.com http://www.lonelyplanet.com
Unclassified	-	-	Websites which are not in the Cisco database are recorded as unclassified for reporting purposes. This may include mistyped URLs.	-
Weapons	weap	1036	Information relating to the purchase or use of conventional weapons such as gun sellers, gun auctions, gun classified ads, gun accessories, gun shows, and gun training; general information about guns; other weapons and graphic hunting sites may be included. Government military websites are classified as "government and law."	http://www.coldsteel.com http://www.gunbroker.com
Web hosting	whst	1037	Website hosting; bandwidth services.	http://www.bluehost.com http://www.godaddy.com
Webpage translation	tran	1063	Translation of webpages between languages.	babelfish.yahoo.com translate.google.com
Web-based email	mail	1038	Public web-based email services. Websites enabling individuals to access their company or organization's email service are classified as "organizational email."	mail.yahoo.com http://www.hotmail.com

Notes: The categories and site categorization used by Web Usage Controls are subject to change without notice. Example URLs are for illustration only.

Why Cisco?

Cisco delivers high-performance acceptable-use enforcement, helping organizations of all sizes control network usage, meet compliance regulations, and protect their brand and reputation. Cisco believes that a holistic solution for monitoring and enforcing security across all communication channels, including the web, is vital to ensure the integrity of an organization's policies. Cisco offers a simple, easy-to-deploy solution for this critical functionality.

Cisco Capital

Financing to Help You Achieve Your Objectives

Cisco Capital[®] can help you acquire the technology you need to achieve your objectives and stay competitive. We can help you reduce CapEx. Accelerate your growth. Optimize your investment dollars and ROI. Cisco Capital financing gives you flexibility in acquiring hardware, software, services, and complementary third-party equipment. And there's just one predictable payment. Cisco Capital is available in more than 100 countries. [Learn more.](#)

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