

Overblocking and underblocking in network level filters

1. Introduction

As requested by Claire Perry MP, the Open Rights Group has provided evidence of overblocking by network level filters. We have also included evidence of unblocking, which we believe has implications for child protection.

One of the criticisms levelled at Open Rights Group by Ms Perry is that “the campaign once again from your organisation is that the perfect must be the enemy of the good”. We believe this is a misrepresentation of our organisation’s position on filters, which we have restated below:

ORG believes that parents have the right to apply network level filters in their households if they choose to. We acknowledge that they may prevent younger children from accessing some adult material, accidentally or otherwise. However, ORG believes that parents should be informed about that flaws that are inherent in filters.

Previously, the Government has presented filters as ‘one click away from safety’,¹ which we think is misleading and potentially harmful. Equally, ISPs in their promotion of filters do not adequately inform parents about the consequences of filters. We believe that parents should be warned about:

- Underblocking - which has implications for child protection.
- Overblocking - which has implications for child rights, access to information and freedom of expression.

Providing parents with this information will not necessarily deter them from applying filters but will help them to understand how filters work and their limits. Giving them this information may also encourage parents to use other strategies such as actively monitoring their children’s internet use or talking to them about some of the risks they may be exposed to. This can only be positive for the UK’s parents and children.

Below, we give evidence of why we think more information needs to be provided about underblocking and overblocking. The only academic study that has been conducted on UK blocking, based on our data, says that:

Our findings are particularly stark: we observed that between 30% (for O2) and 82% (for TalkTalk) of tested URLs were underblocked, while between 2% (for EE) to 6% (for BT) of URLs were overblocked.²

¹PM: Families will be 'one click away' from online safety

<http://www.itv.com/news/update/2013-11-16/pm-families-will-be-one-click-away-from-online-safety/>

² [An investigation into the performance of UK internet providers' web filters.](#) / Rowe, Matthew; King, Richard. 2015.

2. Our blocked.org.uk project

Our Blocked³ project allows end users to ‘test’ whether websites are blocked by ISP and mobile network filters. A request is sent from our website to “probes” we own that are installed on each network. Each ‘probe’ makes a request to the URL for testing, checks if it gets a response, and compares the response with the network’s standard blocked page. The results are recorded and returned to a user. The database records any prior blocks, as well as current blocks, at a URL, for instance:

<https://www.blocked.org.uk/results?url=http://www.designerdressingroom.com>

This shows that the Designer Dressing Room website was blocked in June 2015, by EE and Sky, but has since been unblocked.

We show statistics per ISP showing large variations in the extent of blocking by filters at their recommended setting by each ISP, varying from 4% to 7% of the top 100,000 UK sites. While this is to be expected, it reinforces the need for prior understanding of the filters by parents.⁴

We publish the full 3.6 million site dataset of sites tested.⁵ This has been used by academic researchers to try to understand the impact of filtering.⁶ ISPs could use it as a comparator to detect likely errors.

3. How filters work

Web filters, on networks or devices, block websites that correspond to a ‘blacklist’. As millions of websites need to be classified as either safe, or belonging to a category that needs to be blocked, automated commercial tools have been designed to look at web pages, and make an educated guess as to the kind of material that is contained on the page or website.

A page might contain swear words, racially offensive words and block capitals, and therefore appear to be hate speech; another site may have words relating to drugs and be classified as substance abuse; while others may contain words that relate to sex and be classified as pornography. This classification takes place by machine and is prone to making errors by failing to understand context. This was once known as the ‘Essex’ or ‘Scunthorpe’ problem as sites with these words contained in URLs were prone to be blocked.

³ [blocked.org.uk/about](https://www.blocked.org.uk/about)

⁴ <https://www.blocked.org.uk/isp-results>

⁵ <https://www.blocked.org.uk/licence> See “Data”; full 420mb file is at <https://api.blocked.org.uk/data/export.csv.gz>

⁶ [An investigation into the performance of UK internet providers’ web filters](#). / Rowe, Matthew; King, Richard. 2015.

Human review is expensive and therefore will only take place when a supplier feels it is needed, for instance after a mistake is reported by a customer.

4. Underblocking

Filters fail to block all pornography websites and other adult content. This means that even with filters activated children and young people may still be able to see pornography as explained below.

4.1 Pornography sites that slip through the filter.

Using our Blocked tool, we have tested a dataset of over 100,000 websites that we understand to be mostly pornographic websites – it does also include dating, gambling and other sites. Blocked found that 35,126 of these sites may be blocked by one or more networks but are still unblocked on others – meaning that households with those filters applied can still access them. This breaks down by provider as follows:

ISPs	No of unblocked sites that are blocked by other providers
BT	10700
EE	8276
O2	9676
Sky	10089
TalkTalk	11154
Virgin Media	12030
Vodafone	25589

Attached as a separate document are a few examples of websites that link to pornographic websites but that don't appear to be blocked by all providers.

4.2 Pornography that is distributed by social media sites.

Social media sites are not blocked by filters but can be used to share pornographic material.⁷ As we understand the current proposals in the DE Bill, these sites would not be expected to apply age verification.

4.3 Other adult content

There is also other content that is not blocked by filters which may be considered unsuitable for under 18s. There is inconsistent blocking of such content by ISPs and mobile phone providers.

⁷ <http://www.channel4.com/news/one-in-every-thousand-tweets-is-porn>

For example the BBFC ruled that the website www.thereligionofpeace.com should be classified 18 because it includes footage of beheadings and “related articles covering topics such as torture, rape and paedophilia”. In fact there was content that the BBFC “may even refuse to classify”.⁸ However, this site is not blocked by Vodafone, TalkTalk KidSafe and Plusnet. Given the innocuous URL, this is an example of how a child could easily stumble across inappropriate content even if filters are applied. Examples like this are inevitable, given the impossibility of thorough human review of all available websites and reliance on textual analysis by machines.

5. Overblocking

In 2014, ORG launched Blocked, a tool that allows anyone to check whether a website is blocked by Internet Service Providers and mobile phone companies. Prior to the launch, we tested the 100,000 most popular websites (as judged by Alexa). We found that one in ten sites were blocked by default filters and one in five were blocked by stricter settings - both figures suggested overblocking was taking place. As noted in section 2 above, the variation across ISPs also suggested that there were errors.

More recently, we tested 3 million websites from the DMOZ catalogue⁹ and have found over 44,000 sites that we believe are blocked incorrectly. We have tested samples of these sites and found that approximately 10-15% of these blocks appear to be correct, mostly because the sites are old and abandoned or may contain malware. However, the remaining 85-90% are likely to be incorrectly blocked. While this may be a small percentage of the websites – approx 1.5% – there are still implications for access to information and freedom of expression for those trying to access sites as well as an impact on businesses. Some of these sites provide advice and guidance specifically for young people. In Appendix 1, we have included comments by website owners outlining some of the problems they face if their websites are blocked.

Attached separately is a list of 175 sites that we have reviewed and appear to be incorrectly blocked. This is just a fraction of the 44,000 in our dataset that we believe likely to be incorrectly blocked. We are going to make this list publicly available to enlist help in checking these sites and informing website owners when there are incorrect blocks.

One particular issue seems to be that some kinds of content are harder to classify than others. We have found that drugs and alcohol advice, sexual advice and activism about sexuality for instance, are easily misclassified as being pornographic or promoting substance abuse.

6. Detecting and correcting errors

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http://www.bbfc.co.uk/sites/default/files/attachments/Quarterly%20Report%20September%202015%20BBFC_0.pdf

⁹ <http://www.dmoz.org> a volunteer curated directory of websites listed by category

Although UK services now allow errors to be reported, and a service to check whether sites are blocked exists, this could be improved. In order to check whether a site is blocked, a web publisher needs to email a request for a check. We think that the service could work much more simply, for instance with an automated tool.

Many people who try reporting errors to customer services at ISPs find staff who don't always understand the problems. We have heard from people who have been told to 'switch the filters off' which obviously does not resolve the problem, if your worry is about other people accessing your website. One person who contacted Open Rights Group had been told that she should tell her customers to switch *their* filters off!

ORG's work in this regard is vital for many website publishers to be able to understand who might be blocking their sites and how and when to make a complaint. We are trialling improvements to allow people to learn when their sites are blocked via email alerts.

We would welcome the opportunity to work with ISPs and mobile phone providers so that we can provide automated submissions of overblocked sites for them to check and correct.

Any user can submit a URL to our website, which will then check for blocks on the major ISPs and phone companies. Our site also supplies the email addresses for error correction.

7. Legal blocking mechanisms

The approach to blocking by filters contrast strongly with the standards set for instance by blocking of copyright material. While we have concerns about efficacy, transparency and powers granted to private organisations, there is at least a requirement to assess each website, subject this analysis to legal scrutiny and provide the possibility of legal action against the party requesting blocking if damage occurs.

This is to say that filters, voluntarily applied, have their place, but are not a technology that can currently be expected to take the place of solid legal procedures in order to apply blocking.

EU law requires that a legal framework is in place in order to block websites. It is doubtful that a legal requirement to filter against automated rules would be regarded as compatible with fundamental rights, by Luxembourg or Strasbourg.

Appendix 1: Feedback from website owners

The following are comments from just some of the website owners whose sites have been incorrectly blocked. They point out the harms to their potential users, their businesses and web users' rights.

Maureen Shaw, Founder & Editor-in-Chief, sherights.com¹⁰

"In the case of sherights.com, the effect of filtering boils down to advertising revenue, which is based on site visitors. If people who would normally be interested in accessing our content - which focuses on reproductive healthcare, violence against women and LGBT rights - are not able to view the site, it directly impacts our bottom line. But, more than that, we are concerned with the message that blocking our site sends: that pro-woman, pro-equality, pro-human rights subject matter is somehow offensive, inappropriate or otherwise problematic.

Amy Leatherbarrow, Owner, Designer Dressing Room¹¹

"Who knows how many customers have encountered this and potential sales we have lost? We also offer a re-selling service for our clients which will have been affected. Our website is so important in our advertising and marketing and this issue is devastating as a business owner.

Derek Williams, UKCIA¹²

Web "filtering" (censorship) seems designed to silence the drug law reform debate and to ensure that the only sources of information about cannabis come from government approved sites.

Brian Cowie, Alcohol Support, Aberdeen

"These filters are ridiculous. How are we supposed to get people help and into therapy when they need it if they can't get through to us?"

"There's no way that I'd want anyone to be unable to reach us. The most important thing nowadays is not just for people seeking help with their alcohol problems to be able to seek help - it's also for their families and their children to be able to access support as well."¹³

Dawn Fyfe, Director of charity SAY Women,¹⁴

"We would worry that this would prevent us from getting funding, but the concern is mostly that service users wouldn't be able to access the information they need to get support. Young people

¹⁰ <https://www.blocked.org.uk/results?url=http://sherights.com>

¹¹ <https://www.blocked.org.uk/results?url=http://www.designerdressingroom.com>

¹² <https://www.blocked.org.uk/results?url=http://ukcia.org>

¹³ <https://www.blocked.org.uk/results?url=http://www.alcoholsupport.co.uk> (this site has since moved)

¹⁴ <https://www.blocked.org.uk/results?url=http://www.say-women.co.uk>

who need safe and secure accommodation, or have experience of sex abuse wouldn't be able to access our information.

Dirk Engling, Chaos Computer Club¹⁵

"When these filters were introduced, their abuse was imminent. Today, we are shocked to learn that they not only block access to our site, but also to our conference. We see this as proof that censorship infrastructure – no matter for which reasons it was set up, and no matter which country you are in – will always be abused for political reasons."

¹⁵ <https://www.blocked.org.uk/results?url=http://events.ccc.de/>

PLEASE NOTE THIS SPREADSHEET INCLUDES URLS TO PORNOGRAPHIC WEBSITES

Site	Vodafone	EE	O2	BT	Sky	TalkTalk	VirginMedia	Blocked results
http://0dayporn.org	ok	blocked	blocked	blocked	blocked	blocked	blocked	https://www.blocked.org.uk/results?url=http://0dayporn.org
http://123pomosites.nl	ok	blocked	blocked	blocked	blocked	blocked	blocked	https://www.blocked.org.uk/results?url=http://123pomosites.nl
http://18pornhd.com	ok	blocked	blocked	blocked	blocked	blocked	blocked	https://www.blocked.org.uk/results?url=http://18pornhd.com
http://18pornoizle.com	blocked	ok	ok	blocked	ok	blocked	blocked	https://www.blocked.org.uk/results?url=http://18pornoizle.com
http://18pornoizlesevizle.blogspot.com	ok	blocked	blocked	blocked	blocked	ok	blocked	https://www.blocked.org.uk/results?url=http://18pornoizlesevizle.blogspot.com
http://18pomoliar.com	ok	blocked	blocked	blocked	blocked	blocked	blocked	https://www.blocked.org.uk/results?url=http://18pomoliar.com
http://18pomxxx.com	ok	ok	ok	blocked	ok	blocked	blocked	https://www.blocked.org.uk/results?url=http://18pomxxx.com
http://18turkporno.com	ok	blocked	blocked	blocked	blocked	blocked	blocked	https://www.blocked.org.uk/results?url=http://18turkporno.com
http://18yroidphonesex.com	ok	blocked	blocked	blocked	blocked	blocked	blocked	https://www.blocked.org.uk/results?url=http://18yroidphonesex.com
http://1970classiciporn.com	ok	blocked	blocked	blocked	blocked	blocked	blocked	https://www.blocked.org.uk/results?url=http://1970classiciporn.com
http://1980classiciporn.com	ok	blocked	blocked	blocked	blocked	blocked	blocked	https://www.blocked.org.uk/results?url=http://1980classiciporn.com
http://1bestporn.com	ok	blocked	blocked	blocked	blocked	blocked	blocked	https://www.blocked.org.uk/results?url=http://1bestporn.com
http://1fetishporn.com	ok	blocked	blocked	blocked	blocked	blocked	blocked	https://www.blocked.org.uk/results?url=http://1fetishporn.com
http://1gaypormtube.com	ok	blocked	blocked	blocked	blocked	blocked	blocked	https://www.blocked.org.uk/results?url=http://1gaypormtube.com
http://1pormtube.net	ok	blocked	blocked	blocked	blocked	blocked	blocked	https://www.blocked.org.uk/results?url=http://1pormtube.net
http://21sexturyporno.blogspot.com	ok	ok	ok	blocked	ok	ok	blocked	https://www.blocked.org.uk/results?url=http://21sexturyporno.blogspot.com

URL	What	Blocked by	Blocked results
LGBT sites			
http://www.bentvoices.org	Site for gay men with disabilities	Virgin, BT	https://www.blocked.org.uk/results?url=http://www.bentvoices.org
http://www.deafqueer.org/FLASH/about/index.html	Publication for deaf, gay community	Vodafone	https://www.blocked.org.uk/results?url=http://www.deafqueer.org/FLASH/about/index.html
http://www.josyee.com	Disabled, gay men's blog	Virgin, BT	https://www.blocked.org.uk/results?url=http://www.josyee.com
http://www.lgbtquitsmoking.com	LGBT anti-smoking site	BT	https://www.blocked.org.uk/results?url=http://www.lgbtquitsmoking.com
http://www.lgbtobacco.org	LGBT anti-smoking site	BT	https://www.blocked.org.uk/results?url=http://www.lgbtobacco.org
http://www.pinktherapy.com	UK counselling site	Three	https://www.blocked.org.uk/results?url=http://www.pinktherapy.com
http://www.gay2gayrealstate.com	Gay estate agents	EE, O2, Sky	https://www.blocked.org.uk/results?url=http://www.gay2gayrealstate.com
http://www.prideroommates.com	Gay room share	Sky	https://www.blocked.org.uk/results?url=http://www.prideroommates.com
http://www.sealon.com/mw/broadshoe/feature/2006/03/05/leibovitz/	Salon article about Annie Leibovitz	TalkTalk	https://www.blocked.org.uk/results?url=http://www.sealon.com/mw/broadshoe/feature/2006/03/05/leibovitz/
http://www.lesbianuk.co.uk	UK lesbian community site	Sky	https://www.blocked.org.uk/results?url=http://www.lesbianuk.co.uk
http://lesbianlife.about.com/od/famouslesbians/t/FamousLesbians_02.htm	Famous lesbians	Vodafone	https://www.blocked.org.uk/results?url=http://www.lesbianlife.about.com/od/famouslesbians/t/FamousLesbians_02.htm
http://allgirlworlds.com	All female fiction	Sky, O2	https://www.blocked.org.uk/results?url=http://allgirlworlds.com
http://www.dykeactionmachine.com	Art project	BT, Virgin	https://www.blocked.org.uk/results?url=http://www.dykeactionmachine.com
http://www.gummagazine.com	Independent, feminist magazine	Sky	https://www.blocked.org.uk/results?url=http://www.gummagazine.com
http://www.shemag.com	LGBT magazine	Sky, O2	https://www.blocked.org.uk/results?url=http://www.shemag.com
http://www.lesbicious.co.uk	Lesbian mag	BT, Virgin	https://www.blocked.org.uk/results?url=http://www.lesbicious.co.uk
http://femaleofemale.com	Lesbian community site	Sky, TalkTalk, Three	https://www.blocked.org.uk/results?url=http://femaleofemale.com
http://www.sappho.net/euro-sappho/	Mailing list for EU lesbians	Vodafone	https://www.blocked.org.uk/results?url=http://www.sappho.net/euro-sappho/
http://www.positive.org/JustSayYes/index.html	Health and other advice	TalkTalk	https://www.blocked.org.uk/results?url=http://www.positive.org/JustSayYes/index.html
http://www.waf.org	Advice for young people	Vodafone	https://www.blocked.org.uk/results?url=http://www.waf.org
http://www.the-penis.com/gay.html	Penis advice - boys & men	Virgin, Vodafone, BT	https://www.blocked.org.uk/results?url=http://www.the-penis.com/gay.html
http://www.bonusround.com/gayouth/	Resources for gay young people	TalkTalk	https://www.blocked.org.uk/results?url=http://www.bonusround.com/gayouth/
http://www.apakingforourselves.com	Gay youth documentaries	TalkTalk	https://www.blocked.org.uk/results?url=http://www.apakingforourselves.com
http://www.bivot.org	Lesbian advice site	BT, Virgin Media	https://www.blocked.org.uk/results?url=http://www.bivot.org
http://www.shybi.com	Bisexual advice site	Sky	https://www.blocked.org.uk/results?url=http://www.shybi.com
http://www.main.org/binet/austin/	Bisexual network in Austin	TalkTalk	https://www.blocked.org.uk/results?url=http://www.main.org/binet/austin/
http://www.sexuality.org/author/aubinev_24.html	Review of a book on bisexual politics	Sky	https://www.blocked.org.uk/results?url=http://www.sexuality.org/author/aubinev_24.html
http://bisexual.livjournal.com	Bisexuality resource site	Sky	https://www.blocked.org.uk/results?url=http://community.livjournal.com/bisexual/
http://crossdressingpicturegallery.com	A non-sexual crossdresser site	BT Light	https://www.blocked.org.uk/results?url=http://crossdressingpicturegallery.com
http://www.nancywchmann.com	Site dedicated to education about crossdressers and transsexuals	Sky filter default	https://www.blocked.org.uk/results?url=http://www.nancywchmann.com
http://www.trans-mission.org	Events for transgender people in London	AAISP, Sky filter default, TalkTalk Kidsafe	https://www.blocked.org.uk/results?url=http://www.trans-mission.org
http://www.trans-mission.org	Transformations, lessons, consulting and more for transgender people	Sky filter default, O2, EE	https://www.blocked.org.uk/results?url=http://www.trans-mission.org
http://www.trans-mission.org	People who crossdress or are transgendered can share experiences	Vodafone	https://www.blocked.org.uk/results?url=http://www.trans-mission.org
http://www.clubcrossdressing.com	Dressing service for transvestites, transgender and transsexual men	Sky filter default, TalkTalk Kidsafe	https://www.blocked.org.uk/results?url=http://www.clubcrossdressing.com
http://www.dress-me-up.co.uk	Dressing service for transvestites, transgender and transsexual men	Sky filter default, TalkTalk Kidsafe	https://www.blocked.org.uk/results?url=http://www.dress-me-up.co.uk
http://www.kinkysdiesel.com	Site for transvestites, crossdressers and transgender people	BT Light, VirginMedia	https://www.blocked.org.uk/results?url=http://www.kinkysdiesel.com
http://www.mychangingroom.com	Focused on feminine transformation	BT Light, VirginMedia	https://www.blocked.org.uk/results?url=http://www.mychangingroom.com
http://www.sophies.co.uk	Dressing service	BT Light, VirginMedia	https://www.blocked.org.uk/results?url=http://www.sophies.co.uk
http://www.strangelittlegirl.co.uk	Personal page - Nina	Sky filter default	https://www.blocked.org.uk/results?url=http://www.strangelittlegirl.co.uk
http://www.trans-mission.org/index.php?view=y&id=1	Trans nightclub	EE, O2, Sky filter default	https://www.blocked.org.uk/results?url=http://www.trans-mission.org/index.php?view=y&id=1
http://yukinyan.sekura.ne.jp/portrait/index.php	Personal blog of Yuko fanart and crossdressing pictures	Sky filter default	https://www.blocked.org.uk/results?url=http://yukinyan.sekura.ne.jp/portrait/index.php
http://www.beckystorm.net/46.net	Journal of transgender Becky Storm	TalkTalk Kidsafe	https://www.blocked.org.uk/results?url=http://www.beckystorm.net/46.net
http://dress-x.blogspot.com	Blog about "The Transsexual Phenomenon"	Sky filter default	https://www.blocked.org.uk/results?url=http://www.dress-x.blogspot.com
http://transbelly.com	Belly's blog	Sky filter default	https://www.blocked.org.uk/results?url=http://transbelly.com
http://www.lattf.org	San Fran transgender film festival	BT	https://www.blocked.org.uk/results?url=http://www.lattf.org
http://groups.yahoo.com/neo/groups/transsexual-uk/info	Transsexual support group in the UK	Vodafone	https://www.blocked.org.uk/results?url=http://groups.yahoo.com/neo/groups/transsexual-uk/info
http://www.abgender.com	Directory of transgender friendly businesses and other helpful resources	EE, Sky filter default, Vodafone	https://www.blocked.org.uk/results?url=http://www.abgender.com
http://www.isna.org/hypospadias.html	Intersex society of North America - page about medical condition Hypospadias	Three	https://www.blocked.org.uk/results?url=http://www.hypospadias.html
http://www.priory.com/psych/disparat.htm	Article on gender and sexual orientation	Vodafone	https://www.blocked.org.uk/results?url=http://www.priory.com/psych/disparat.htm
http://www.uncharted-worlds.org/gender/genderq.htm	A site containing information about gender questions	EE, Sky filter default	https://www.blocked.org.uk/results?url=http://www.uncharted-worlds.org/gender/genderq.htm
News, current affairs, arts			
http://www.swindonfocus.com	Swindon community news	TalkTalk	https://www.blocked.org.uk/results?url=http://www.swindonfocus.com
http://digidander.libero.it/xpan	Photography site dedicated to digital technologies	Vodafone	https://www.blocked.org.uk/results?url=http://digidander.libero.it/xpan
http://www.bpcurtis.com	Photo journalism	BT-Light	https://www.blocked.org.uk/results?url=http://www.bpcurtis.com
http://www.chrisrainier.com/	Photo journalist	BT-Light	https://www.blocked.org.uk/results?url=http://www.chrisrainier.com/
http://www.velickovic.net/	Photo gallery	BT-Light & Virgin	https://www.blocked.org.uk/results?url=http://www.velickovic.net/
http://members.chello.nl/wrdejong/frame-A.html	Email lists of photojournalists	Sky filter default	https://www.blocked.org.uk/results?url=http://members.chello.nl/wrdejong/frame-A.html
http://www.nextleveluk.com	Photo gallery	BT-Light, EE & Sky	https://www.blocked.org.uk/results?url=http://www.nextleveluk.com
http://www.photo-gratis.com	Photolibrary	BT-Light	https://www.blocked.org.uk/results?url=http://www.photo-gratis.com
http://www.jazzvoyeur.com	Jazz festival	Sky filter default	https://www.blocked.org.uk/results?url=http://www.jazzvoyeur.com
http://www.garyandrewpools.com	Sports journalist	TalkTalk Kidsafe	https://www.blocked.org.uk/results?url=http://www.garyandrewpools.com
http://www.slathered.com/photo.htm	Photo journalist	TalkTalk Kidsafe	https://www.blocked.org.uk/results?url=http://www.slathered.com/photo.htm
http://www.iramathur.org	Journalist based in Trinidad	BT-Light	https://www.blocked.org.uk/results?url=http://www.iramathur.org
http://nicolelanner.com	Tech journalist	TalkTalk Kidsafe	https://www.blocked.org.uk/results?url=http://nicolelanner.com
http://www.stormlake.com	Locally owned newspaper in Buena Vista County	TalkTalk Kidsafe	https://www.blocked.org.uk/results?url=http://www.stormlake.com
http://www.theoctobanner.com	Site dedicated to community news	TalkTalk Kidsafe	https://www.blocked.org.uk/results?url=http://www.theoctobanner.com
http://www.theoctobanner.com	Community newspaper company owned by GateHouse Media	BT-Moderate	https://www.blocked.org.uk/results?url=http://www.theoctobanner.com
http://wickedlocal.com	Regional newspaper - Denton County, Texas	BT-Light	https://www.blocked.org.uk/results?url=http://wickedlocal.com
http://www.postsignal.com	Student-run newspaper at Dalhousie University	Sky filter default	https://www.blocked.org.uk/results?url=http://www.postsignal.com
http://www.dalgazette.com	Local newspaper site	TalkTalk Kidsafe	https://www.blocked.org.uk/results?url=http://www.dalgazette.com
http://www.promacom.com/authemirror/	Local newspaper site	TalkTalk Kidsafe	https://www.blocked.org.uk/results?url=http://www.promacom.com/authemirror/
http://www.writenews.com/newslinks/	Provides news and resources for publishing professionals	Sky filter default	https://www.blocked.org.uk/results?url=http://www.writenews.com/newslinks/
http://flind.net	Previous journalist now blogging on the platform	TalkTalk Kidsafe	https://www.blocked.org.uk/results?url=http://flind.net
http://www.electrovenom.com	Blogger on being a mum	TalkTalk Kidsafe	https://www.blocked.org.uk/results?url=http://www.electrovenom.com
http://scoobiedavis.blogspot.com	Weblog of Scoobie Davis	Sky filter default	https://www.blocked.org.uk/results?url=http://scoobiedavis.blogspot.com
http://www.newspaperdrive.com	Directory of various newspapers and magazines world wide	Sky filter default	https://www.blocked.org.uk/results?url=http://www.newspaperdrive.com
http://thewichitan.com	Campus newspaper of Midwestern State University	Sky filter default	https://www.blocked.org.uk/results?url=http://thewichitan.com
http://www.breezjmu.org	James Madison University student run newspaper	Three	https://www.blocked.org.uk/results?url=http://www.breezjmu.org
http://www.chicagomaroon.com	Independent student newspaper University of Chicago	Sky filter default	https://www.blocked.org.uk/results?url=http://www.chicagomaroon.com
http://thegriff.ca	MacEwan University's student media	BT-Light	https://www.blocked.org.uk/results?url=http://thegriff.ca
http://www.soundbitten.com	Webzine	BT-Light and VirginMedia	https://www.blocked.org.uk/results?url=http://www.soundbitten.com
http://www.lonebuffalo.com	News monitoring site	VirginMedia	https://www.blocked.org.uk/results?url=http://www.lonebuffalo.com
http://www.magnoliaclips.com	Press clipping service	Sky filter default	https://www.blocked.org.uk/results?url=http://www.magnoliaclips.com
http://www.dipeg.com	Digital photo agency - Northern part of Italy	BT-Light and VirginMedia	https://www.blocked.org.uk/results?url=http://www.dipeg.com
http://www.agencymh.com	International photo agency based in Japan	BT-Light	https://www.blocked.org.uk/results?url=http://www.agencymh.com
http://www.redd.it.com	Community based chatroom/sharing/blogging	BT-Moderate	https://www.blocked.org.uk/results?url=http://www.redd.it.com
http://www.uniteunion.org	Labour Union	TalkTalk Kidsafe	https://www.blocked.org.uk/results?url=http://www.uniteunion.org
http://www.counter-currents.com/2014/08/revisiting-tom-wolfes-radical-chic-1970/	Publishing company	EE, O2, Sky	https://www.blocked.org.uk/results?url=http://www.counter-currents.com/2014/08/revisiting-tom-wolfes-radical-chic-1970/
http://israelcool.com	Pro-Israel blog	Sky filter default	https://www.blocked.org.uk/results?url=http://israelcool.com
http://abuyehuda.com	Pro-Israel blog	Sky filter default	https://www.blocked.org.uk/results?url=http://abuyehuda.com
http://elderofzyon.blogspot.com/	Pro-Israel blog	Sky filter default	https://www.blocked.org.uk/results?url=http://elderofzyon.blogspot.com/
http://sulfankniah.blogspot.com/	Pro-Israel blog	Sky filter default	https://www.blocked.org.uk/results?url=http://sulfankniah.blogspot.com/
http://israeldefender.com	Pro-Israel blog	Sky filter default	https://www.blocked.org.uk/results?url=http://israeldefender.com
http://israelmatzav.blogspot.com	Pro-Israel blog	Sky filter default	https://www.blocked.org.uk/results?url=http://israelmatzav.blogspot.com
http://edgar1981.blogspot.co.uk	Pro-Israel blog	Sky filter default	https://www.blocked.org.uk/results?url=http://edgar1981.blogspot.co.uk
http://pamelageller.com	Right wing commentator	Sky filter default	https://www.blocked.org.uk/results?url=http://pamelageller.com
http://israpundit.com	Pro-Israel blog	Sky filter default	https://www.blocked.org.uk/results?url=http://israpundit.com
http://www.katybailey.co.uk/site/	Artist	BT	https://www.blocked.org.uk/results?url=http://www.katybailey.co.uk/site/
Charities, counselling and educational organisations			
http://www.chippenhamstrokeclub.org.uk	Stroke association	EE, Sky	https://www.blocked.org.uk/results?url=http://www.chippenhamstrokeclub.org.uk

<http://www.jillschofield.co.uk>
<http://www.bryangreene.co.uk>
<http://www.network.org.uk>
<http://www.willowsanimals.com>
<http://www.theoundlab.org.uk>
<http://www.sut.org>
<http://www.sasyl.org>
<http://www.aspr.org.uk>
<http://www.say-women.co.uk>
<http://www.rvh1897.co.uk>
<http://www.postcodeculturetrust.org.uk>
<http://www.pilsigo-castle.org.uk>
<http://www.ncofs.org>
<http://www.ngfdg.co.uk>
<http://www.new-haigh-kirk.org.uk>
<http://www.mjasha.org.uk>
<http://www.leap-ethiopia.com>
<http://www.kennepans.info>
<http://www.kdbefriending.org.uk>
<http://www.idaos.org.uk>
<http://www.holytownparishchurch.org.uk>
<http://www.hawickashornband.com>
<http://www.hamiltonoperatic.org.uk>
<http://www.glasgowherilage.org.uk>
<http://www.fork.org.uk>
<http://www.ellonevents.com>
<http://www.drinklink.org>
<http://www.d-v-8.org.uk>
<http://www.coira.net>
<http://www.claychurch.org.uk>
<http://www.sshcoland.org.uk>
<http://www.srgylocouplecounselling.org>
<http://www.aberourdostroans.org.uk>
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Businesses and misc

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<http://www.greenfieldguns.com>
<http://www.manchestumbrellas.co.uk>
<http://www.cheshireweddings.org>
<http://www.darwinbrewery.com>
<http://www.maximbrewery.co.uk>
<http://www.kingsmen.co.uk>
<http://www.cannybevvy.co.uk>
<http://boldon.yolasite.com>
<http://www.janwaters.com>
<http://www.morduebrewery.com>
<http://www.gateshead-senators.co.uk>
<http://www.bedesworld.co.uk>
<http://www.blueriver.co.uk>
<http://www.leathercrafts.com>
<http://www.srikeelight.co.uk>
<http://www.nywines.co.uk>
<http://www.chilfordhall.co.uk>
<http://www.cambridge-camra.org.uk>
<http://www.mushroompublishing.com/maps/cambridge.html>
<http://www.elgoods-brewery.co.uk>
<http://www.drinksuff.com>
<http://www.jollybrewersmillon.co.uk>
<http://www.brpc.org.uk>
<http://www.theploughcolton.co.uk>
<http://www.cambridge-brewery.co.uk>
<http://www.charleswells.co.uk/home/pub-guide/pub/greyhound>
<http://www.miltonbrewery.co.uk>
<http://www.chandosdeli.com>
<http://www.vinetrail.co.uk>
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<http://www.langygifts.co.uk>
<http://www.bordaux-quay.co.uk>
<http://www.hausbar.co.uk>
<http://www.numberfourrestaurant.co.uk>
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<http://plp.hot22.com/music/bluesero.shtml>
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<http://www.sportingentertainment.co.uk>
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Counsellor
Counsellor
Counsellor
Animal sanctuary
Charity - disadvantaged young people
Society for Underwater Technology
South Scotland Youth awards trust
Psychical Society
Supporting sexually abused young women
Renfrewshire Wiltch hunt
Postcode lottery
Blog
Animal therapy charity for children
National rifle club scotland
Sports club
Church
Girls' charity
Charity
History of a distillery
Mentoring service
Operatic society
Church
Saxhorn band
Operatic society
History site
Friends of River Kelvin
Hogmanay gig
Drink advice
Sexuality advice
Charity
Church
Anti-smoking
Counselling
Church
Gay lifestyle - health advice

Pub site
Rifle shop
Umbrella company
Wedding Flower company
Brewer
Brewer
Sword dancers
Real Ale society
Tourist website
Florist
Brewer
American Football team
Outdoor museum
Media company
Leather making company
Lighter company
Wine company
Vineyard
Real Ale society
Tourist website
Brewery
Retail company
Hotel
Rifle club
Pub
Brewery
Brewery
Brewery
Deli shop
Vineyard
Delivery service
Wholesale distributor
Restaurant
Bar
Restaurant
Wholesale drink distributor
Tobacco company
Art company
Rock band
Brewery
Florist
Sporting entertainment company
About game carmageddon
Website dedicated to insults - Shakespearean insults are blocked

BT
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AAISP, BT, EE, O2, Plusnet, Sky
Three, BT
EE, O2, Sky, Vodafone
EE, O2, Sky, Vodafone
EE, O2, Sky, Three
EE, Three, O2, Sky, Vodafone
Talk Talk
Talk Talk
Vodafone
EE, O2, Sky, Three
EE, O2, Sky, Talk Talk Three
Sky, Talk Talk, Three
Talk Talk
BT, Three, Virgin
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BT, Three, Virgin
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Virgin

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<https://www.blocked.org.uk/results?url=http://www.sportingentertainment.co.uk>
<https://www.blocked.org.uk/results?url=http://www.carmageddon.com>

<https://www.blocked.org.uk/results?url=http://www.insults.net/html/shakespeare/index.html>