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branded keyword variations

branded keyword variations

content gap keywords"Content gap keywords highlight topics or terms that are underrepresented in your existing content. By targeting these keywords, you fill gaps in your content strategy and attract more traffic."

content gaps"Identifying and filling content gaps ensures that your site covers all relevant topics and keywords. By addressing these gaps, you improve your sites authority, attract more traffic, and better satisfy user intent."

content hierarchy"Content hierarchy refers to the logical organization of headings, subheadings, and paragraphs within a page. Search Engine Optimisation . Best SEO Sydney Agency. A clear hierarchy improves readability, helps users find information quickly, and allows search engines to better understand the structure of the content."

branded keywords —

- branded keyword variations
- branded keywords
- broad keywords
- broken link building
- Broken link building
- buyer intent keywords
- call-to-action optimization

content hierarchy"Content hierarchy refers to the logical arrangement of headings, subheadings, and sections within a page. A clear hierarchy improves readability, helps search engines understand your content, and enhances user experience."

content keyword targeting"Content keyword targeting focuses on incorporating relevant keywords into your pages text, headings, and meta tags. By strategically placing these keywords, you improve the pages relevance and increase its chances of ranking for targeted search queries."

content length analysis"Content length analysis determines whether a pages word count is sufficient to address user intent. Longer, well-structured content often ranks higher because it provides comprehensive information, improving user satisfaction and search engine visibility."

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broad keywords

content length optimization"Content length optimization means finding the right balance between being concise and providing comprehensive information. Longer, well-structured content often ranks higher because it covers a topic in-depth and satisfies user intent."

content link building"Content link building involves creating valuable material that naturally attracts backlinks from other sites. High-quality content that earns links improves your sites authority, visibility, and overall SEO performance."

content localization"Content localization involves tailoring material for specific regions, languages, or cultural contexts. By adapting content to meet the needs of different audiences, you improve relevance, user satisfaction, and search visibility in targeted markets."

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**TAKING YOUR SMALL B
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broken link building

Content marketing Sydney"Content marketing services in Sydney focus on creating high-quality, engaging content that attracts and retains customers. By producing informative blog posts, compelling videos, and shareable social media content, these services help businesses build brand authority, improve SEO performance, and connect with their audience."

content optimization"Content optimization involves refining and enhancing website content so that its more search engine-friendly. This process includes the strategic use of keywords, meta descriptions, headers, and internal links, ensuring the content is both relevant to users and easily understood by search engines."

content optimization"Content optimization focuses on creating high-quality, relevant, and engaging content that satisfies user intent. This includes using targeted keywords naturally, adding multimedia elements, and organizing information logically to increase both user satisfaction and search engine rankings."

Search engine optimisation consultants - Google search trends

1. Google search trends
2. Search traffic growth
3. Search ranking positions

Broken link building

content optimization"Content optimization involves refining and improving existing web content to boost its search engine visibility and user engagement. This includes enhancing keyword usage, improving readability, and ensuring the content addresses user intent, resulting in higher rankings and better audience retention."

content optimization keywords"Content optimization keywords are selected to improve the relevancy and ranking potential of existing pages. By updating content with these terms, you enhance search visibility and user experience."

content optimization keywords"Content optimization keywords help refine existing pages to improve rankings. By adding or adjusting these terms, you increase relevancy, traffic, and conversions."

Search engine optimisation consultants - Google search trends

1. Google AMP
2. Google keyword clusters
3. Google structured data



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CONTENT MARKETING
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AND BRAND BUILDING

buyer intent keywords

content originality"Ensuring content originality involves creating unique, plagiarism-free material. Original content not only improves credibility and user trust but also helps maintain strong search rankings by avoiding duplicate content penalties."

Content partnerships"Content partnerships involve collaborating with other websites or brands to produce and share content. This approach often results in mutual backlinks, expanding your reach and improving your sites authority."

content performance metrics"Monitoring content performance metrics such as bounce rates, time on page, and conversion rates helps you identify what works and what needs improvement. Using these insights, you can refine your content strategy and achieve better results."

call-to-action optimization

content quality signals"Content quality signals include factors like originality, relevance, and usefulness. By focusing on these signals, you create content that attracts more visitors, encourages longer sessions, and helps your pages rank higher in search results."

content quality standards"Maintaining content quality standards means producing well-researched, accurate, and engaging material. By prioritizing quality, you build trust with your audience, reduce bounce rates, and improve your sites reputation in search engine algorithms."

content readability"Content readability focuses on making text easy to understand and visually appealing. Using short paragraphs, bullet points, and simple language keeps readers engaged and helps search engines rank the page higher."



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About Local search

Local search may refer to:

- **Local search (constraint satisfaction)**, a method for problem solving in constraint satisfaction

- **Local search (Internet)**, web searching for web sites relevant to a given place
- **Local search (optimization)**, a method for problem solving in optimization
- **Local authority search**, in the UK a search for information about a particular property and the surrounding area undertaken as part of conveyancing

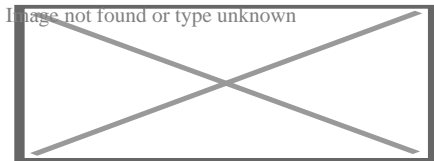
Disambiguation icon

This **disambiguation** page lists articles associated with the title **Local search**.

If an **internal link** led you here, you may wish to change the link to point directly to the intended article.

About Domain name

This article is about domain names in the Internet. For other uses, see **Domain (disambiguation)**.



An annotated example of a domain name

In the **Internet**, a **domain name** is a **string** that identifies a realm of administrative autonomy, authority or control. Domain names are often used to identify services provided through the Internet, such as **websites**, **email** services and more. Domain names are used in various networking contexts and for application-specific naming and addressing purposes. In general, a domain name identifies a **network domain** or an **Internet Protocol** (IP) resource, such as a personal computer used to access the Internet, or a server computer.

Domain names are formed by the rules and procedures of the **Domain Name System** (DNS). Any name registered in the DNS is a domain name. Domain names are organized in subordinate levels (**subdomains**) of the **DNS root** domain, which is nameless. The first-level set of domain names are the **top-level domains** (TLDs), including the **generic top-level domains** (gTLDs), such as the prominent domains **com**, **info**, **net**, **edu**, and **org**, and the **country code top-level domains** (ccTLDs). Below these top-level domains in the DNS hierarchy are the second-level and third-level domain names that are typically open for reservation by end-users who wish to connect local area networks to the Internet, create other publicly accessible Internet resources or run websites, such as "wikipedia.org". The registration of a second- or third-level domain name is usually administered by a **domain name registrar** who sell its services to the public.

A **fully qualified domain name** (FQDN) is a domain name that is completely specified with all labels in the hierarchy of the DNS, having no parts omitted. Traditionally a FQDN ends in a dot (.) to denote the top of the DNS tree.^[1] Labels in the Domain Name System are **case-insensitive**, and may therefore be written in any desired capitalization method, but most commonly domain names are written in lowercase in technical contexts.^[2] A **hostname** is a domain name that has at least one associated **IP address**.

Purpose

[[edit](#)]

Domain names serve to identify Internet resources, such as computers, networks, and services, with a text-based label that is easier to memorize than the numerical addresses used in the Internet protocols. A domain name may represent entire collections of such resources or individual instances. Individual Internet host computers use domain names as host identifiers, also called **hostnames**. The term *hostname* is also used for the leaf labels in the domain name system, usually without further subordinate domain name space. Hostnames appear as a component in **Uniform Resource Locators** (URLs) for Internet resources such as **websites** (e.g., en.wikipedia.org).

Domain names are also used as simple identification labels to indicate ownership or control of a resource. Such examples are the realm identifiers used in the **Session Initiation Protocol** (SIP), the **Domain Keys** used to verify DNS domains in **e-mail** systems, and in many other **Uniform Resource Identifiers** (URIs).

An important function of domain names is to provide easily recognizable and memorable names to numerically **addressed** Internet resources. This abstraction allows any resource to be moved to a different physical location in the address topology of the network, globally or locally in an **intranet**. Such a move usually requires changing the IP address of a resource and the corresponding translation of this IP address to and from its domain name.

Domain names are used to establish a unique identity. Organizations can choose a domain name that corresponds to their name, helping Internet users to reach them easily.

A generic domain is a name that defines a general category, rather than a specific or personal instance, for example, the name of an industry, rather than a company name. Some examples of generic names are *books.com*, *music.com*, and *travel.info*. Companies have created brands based on generic names, and such generic domain names may be valuable.^[3]

Domain names are often simply referred to as *domains* and domain name registrants are frequently referred to as *domain owners*, although domain name registration with a registrar does not confer any legal ownership of the domain name, only an exclusive right of use for a particular duration of time. The use of domain names in commerce may subject them to **trademark law**.

History

[[edit](#)]

Main article: [List of the oldest currently registered Internet domain names](#)

The practice of using a simple memorable abstraction of a host's numerical address on a computer network dates back to the **ARPANET** era, before the advent of today's commercial Internet. In the early network, each computer on the network retrieved the hosts file (*host.txt*) from a computer at SRI (now **SRI International**),^{[4][5]} which mapped computer hostnames to numerical addresses. The rapid growth of the network made it impossible to maintain a centrally organized hostname registry and in 1983 the Domain Name System was introduced on the ARPANET and published by the

Internet Engineering Task Force as RFC 882 and RFC 883.

The following table shows the first five .com domains with the dates of their registration:[6]

Domain name Registration date

symbolics.com	15 March 1985
bbn.com	24 April 1985
think.com	24 May 1985
mcc.com	11 July 1985
dec.com	30 September 1985

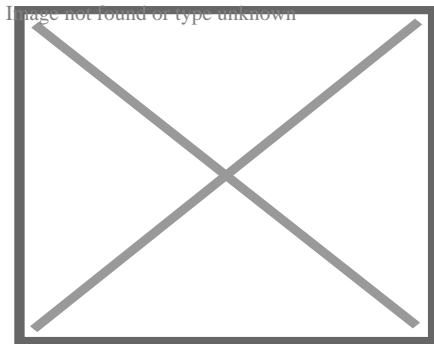
and the first five .edu domains:[7]

Domain name Registration date

berkeley.edu	24 April 1985
cmu.edu	24 April 1985
purdue.edu	24 April 1985
rice.edu	24 April 1985
ucla.edu	24 April 1985

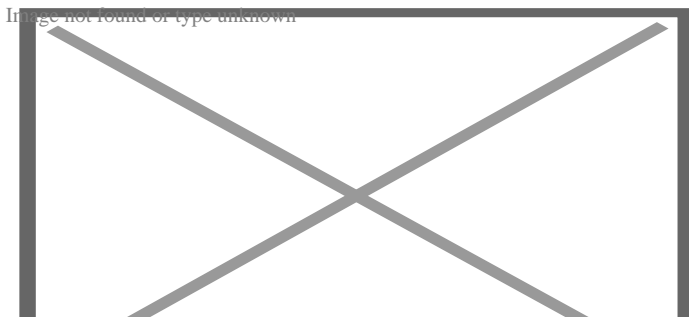
Domain name space

[edit]



The hierarchical domain name system, organized into zones, each served by domain name servers

Today, the Internet Corporation for Assigned Names and Numbers (ICANN) manages the top-level development and architecture of the Internet domain name space. It authorizes domain name registrars, through which domain names may be registered and reassigned.



The hierarchy of labels in a fully qualified domain name

The domain name space consists of a **tree** of domain names. Each node in the tree holds information associated with the domain name. The tree sub-divides into **zones** beginning at the **DNS root zone**.

Domain name syntax

[[edit](#)]

A domain name consists of one or more parts, technically called *labels*, that are conventionally concatenated, and delimited by dots, such as **example.com**.

- The right-most label conveys the **top-level domain**; for example, the domain name **www.example.com** belongs to the top-level domain **com**.
- The hierarchy of domains descends from the right to the left label in the name; each label to the left specifies a subdivision, or **subdomain** of the domain to the right. For example: the label **example** specifies a node **example.com** as a subdomain of the **com** domain, and **www** is a label to create **www.example.com**, a subdomain of **example.com**. Each label may contain from 1 to 63 **octets**. The empty label is reserved for the root node and when fully qualified is expressed as the empty label terminated by a **dot**. The full domain name may not exceed a total length of 253 ASCII characters in its textual representation.[8]
- A **hostname** is a domain name that has at least one associated IP address. For example, the domain names **www.example.com** and **example.com** are also hostnames, whereas the **com** domain is not. However, other top-level domains, particularly **country code top-level domains**, may indeed have an IP address, and if so, they are also hostnames.
- Hostnames impose restrictions on the characters allowed in the corresponding domain name. A valid hostname is also a valid domain name, but a valid domain name may not necessarily be valid as a hostname.

Top-level domains

[[edit](#)]

When the Domain Name System was devised in the 1980s, the domain name space was divided into two main groups of domains.[9] The **country code top-level domains** (ccTLD) were primarily based on the two-character territory codes of **ISO-3166** country abbreviations. In addition, a group of seven **generic top-level domains** (gTLD) was implemented which represented a set of categories of names and multi-organizations.[10] These were the domains **gov**, **edu**, **com**, **mil**, **org**, **net**, and **int**. These two types of **top-level domains** (TLDs) are the highest level of domain names of the Internet. Top-level domains form the **DNS root zone** of the hierarchical **Domain Name System**.

Every domain name ends with a top-level domain label.

During the growth of the Internet, it became desirable to create additional generic top-level domains. As of October 2009, 21 generic top-level domains and 250 two-letter country-code top-level domains existed.^[11] In addition, the ARPA domain serves technical purposes in the infrastructure of the Domain Name System.

During the 32nd International Public ICANN Meeting in Paris in 2008,[12] ICANN started a new process of TLD naming policy to take a "significant step forward on the introduction of new generic top-level domains." This program envisions the availability of many new or already proposed domains, as well as a new application and implementation process.[13] Observers believed that the new rules could result in hundreds of new top-level domains to be registered.[14] In 2012, the program commenced, and received 1930 applications.[15] By 2016, the milestone of 1000 live gTLD was reached.

The **Internet Assigned Numbers Authority** (IANA) maintains an annotated list of top-level domains in the **DNS root zone** database.[16]

For special purposes, such as network testing, documentation, and other applications, IANA also reserves a set of special-use domain names.[17] This list contains domain names such as **example**, **local**, **localhost**, and **test**. Other top-level domain names containing trade marks are registered for corporate use. Cases include brands such as **BMW**, **Google**, and **Canon**. [18]

Second-level and lower level domains

[edit]

Below the top-level domains in the domain name hierarchy are the **second-level domain** (SLD) names. These are the names directly to the left of .com, .net, and the other top-level domains. As an example, in the domain *example.co.uk*, *co* is the second-level domain.

Next are third-level domains, which are written immediately to the left of a second-level domain. There can be fourth- and fifth-level domains, and so on, with virtually no limitation. Each label is separated by a **full stop** (dot). An example of an operational domain name with four levels of domain labels is *sos.state.oh.us*. 'sos' is said to be a sub-domain of 'state.oh.us', and 'state' a sub-domain of 'oh.us', etc. In general, **subdomains** are domains subordinate to their parent domain. An example of very deep levels of subdomain ordering are the IPv6 reverse resolution **DNS zones**, e.g., 1.0.ip6.arpa, which is the reverse DNS resolution domain name for the IP address of a **loopback** interface, or the **localhost** name.

Second-level (or lower-level, depending on the established parent hierarchy) domain names are often created based on the name of a company (e.g., *bbc.co.uk*), product or service (e.g. *hotmail.com*). Below these levels, the next domain name component has been used to designate a particular host server. Therefore, *ftp.example.com* might be an FTP server, *www.example.com*

would be a [World Wide Web](#) server, and *mail.example.com* could be an email server, each intended to perform only the implied function. Modern technology allows multiple physical servers with either different (cf. [load balancing](#)) or even identical addresses (cf. [anycast](#)) to serve a single hostname or domain name, or multiple domain names to be served by a single computer. The latter is very popular in [Web hosting service](#) centers, where service providers host the websites of many organizations on just a few servers.

The hierarchical [DNS labels](#) or components of domain names are separated in a fully qualified name by the [full stop](#) (dot, `.`).

Internationalized domain names

[\[edit\]](#)

Main article: [Internationalized domain name](#)

The character set allowed in the Domain Name System is based on [ASCII](#) and does not allow the representation of names and words of many languages in their native scripts or alphabets. [ICANN](#) approved the [Internationalized domain name](#) (IDNA) system, which maps [Unicode](#) strings used in application user interfaces into the valid DNS character set by an encoding called [Punycode](#). For example, københavn.eu is mapped to xn--kbenhavn-54a.eu. Many [registries](#) have adopted IDNA.

Domain name registration

[\[edit\]](#)

History

[\[edit\]](#)

The first commercial Internet domain name, in the TLD *com*, was registered on 15 March 1985 in the name [symbolics.com](#) by Symbolics Inc., a computer systems firm in Cambridge, Massachusetts.

By 1992, fewer than 15,000 *com* domains had been registered.

In the first quarter of 2015, 294 million domain names had been registered.^{[\[19\]](#)} A large fraction of them are in the *com* TLD, which as of December 21, 2014, had 115.6 million domain names,^{[\[20\]](#)} including 11.9 million online business and e-commerce sites, 4.3 million entertainment sites, 3.1 million finance related sites, and 1.8 million sports sites.^{[\[21\]](#)} As of July 15, 2012, the *com* TLD had more registrations than all of the ccTLDs combined.^{[\[22\]](#)}

As of December 31, 2023, 359.8 million domain names had been registered.^{[\[23\]](#)}

Administration

[\[edit\]](#)

The right to use a domain name is delegated by **domain name registrars**, which are accredited by the **Internet Corporation for Assigned Names and Numbers** (ICANN), the organization charged with overseeing the name and number systems of the Internet. In addition to ICANN, each top-level domain (TLD) is maintained and serviced technically by an administrative organization operating a registry. A registry is responsible for maintaining the database of names registered within the TLD it administers. The registry receives registration information from each domain name registrar authorized to assign names in the corresponding TLD and publishes the information using a special service, the **WHOIS** protocol.

Registries and registrars usually charge an annual fee for the service of delegating a domain name to a user and providing a default set of name servers. Often, this transaction is termed a sale or lease of the domain name, and the registrant may sometimes be called an "owner", but no such legal relationship is actually associated with the transaction, only the exclusive right to use the domain name. More correctly, authorized users are known as "registrants" or as "domain holders".

ICANN publishes the complete list of TLD registries and domain name registrars. Registrant information associated with domain names is maintained in an online database accessible with the WHOIS protocol. For most of the 250 **country code top-level domains** (ccTLDs), the domain registries maintain the WHOIS (Registrant, name servers, expiration dates, etc.) information.

Some domain name registries, often called *network information centers* (NIC), also function as registrars to end-users. The major generic top-level domain registries, such as for the *com*, *net*, *org*, *info* domains and others, use a registry-registrar model consisting of hundreds of domain name registrars (see lists at ICANN^[24] or VeriSign).^[25] In this method of management, the registry only manages the domain name database and the relationship with the registrars. The *registrants* (users of a domain name) are customers of the registrar, in some cases through additional layers of resellers.

There are also a few other **alternative DNS root** providers that try to compete or complement ICANN's role of domain name administration, however, most of them failed to receive wide recognition, and thus domain names offered by those alternative roots cannot be used universally on most other internet-connecting machines without additional dedicated configurations.

Technical requirements and process

[\[edit\]](#)

In the process of registering a domain name and maintaining authority over the new name space created, registrars use several key pieces of information connected with a domain:

- *Administrative contact.* A registrant usually designates an administrative contact to manage the domain name. The administrative contact usually has the highest level of control over a domain. Management functions delegated to the administrative contacts may include management of all business information, such as name of record, postal address, and contact information of the official registrant of the domain and the obligation to conform to the requirements of the domain registry in order to retain the right to use a domain name. Furthermore, the administrative contact installs additional contact information for technical and billing functions.
- *Technical contact.* The technical contact manages the name servers of a domain name. The functions of a technical contact include assuring conformance of the configurations of the domain name with the requirements of the domain registry, maintaining the domain zone records, and providing continuous functionality of the name servers (that leads to the accessibility of the domain name).
- *Billing contact.* The party responsible for receiving billing invoices from the **domain name registrar** and paying applicable fees.
- *Name servers.* Most registrars provide two or more name servers as part of the registration service. However, a registrant may specify its own **authoritative name servers** to host a domain's resource records. The registrar's policies govern the number of servers and the type of server information required. Some providers require a hostname and the corresponding IP address or just the hostname, which must be resolvable either in the new domain, or exist elsewhere. Based on traditional requirements (RFC 1034), typically a minimum of two servers is required.

A domain name consists of one or more labels, each of which is formed from the set of ASCII letters, digits, and hyphens (a–z, A–Z, 0–9, -), but not starting or ending with a hyphen. The labels are case-insensitive; for example, 'label' is equivalent to 'Label' or 'LABEL'. In the textual representation of a domain name, the labels are separated by a **full stop** (period).

Business models

[**edit**]

Domain names are often seen in analogy to **real estate** in that domain names are foundations on which a website can be built, and the highest *quality* domain names, like sought-after real estate, tend to carry significant value, usually due to their online brand-building potential, use in advertising, **search engine optimization**, and many other criteria.

A few companies have offered low-cost, below-cost or even free domain registration with a variety of models adopted to recoup the costs to the provider. These usually require that domains be hosted on their website within a framework or portal that includes advertising wrapped around the domain holder's content, revenue from which allows the provider to recoup the costs. Domain

registrations were free of charge when the DNS was new. A domain holder may provide an infinite number of **subdomains** in their domain. For example, the owner of *example.org* could provide subdomains such as *foo.example.org* and *foo.bar.example.org* to interested parties.

Many desirable domain names are already assigned and users must search for other acceptable names, using Web-based search features, or **WHOIS** and **dig** operating system tools. Many registrars have implemented **domain name suggestion** tools which search domain name databases and suggest available alternative domain names related to keywords provided by the user.

Resale of domain names

[[edit](#)]

Main article: [List of most expensive domain names](#)

The business of resale of registered domain names is known as the **domain aftermarket**. Various factors influence the perceived value or market value of a domain name. Most of the high-prize domain sales are carried out privately.^[26] Also, it is called confidential domain acquiring or anonymous domain acquiring.^[27]

Domain name confusion

[[edit](#)]

Intercapping is often used to emphasize the meaning of a domain name, because DNS names are not case-sensitive. Some names may be misinterpreted in certain uses of capitalization. For example: *Who Represents*, a database of artists and agents, chose *whorepresents.com*,^[28] which can be misread. In such situations, the proper meaning may be clarified by placement of hyphens when registering a domain name. For instance, **Experts Exchange**, a programmers' discussion site, used *expertsexchange.com*, but changed its domain name to *experts-exchange.com*.^[29]

Uses in website hosting

[[edit](#)]

The domain name is a component of a **uniform resource locator** (URL) used to access **websites**, for example:

- URL: `http://www.example.net/index.html`
- Top-level domain: `net`
- Second-level domain: `example`
- Hostname: `www`

A domain name may point to multiple **IP addresses** to provide server redundancy for the services offered, a feature that is used to manage the traffic of large, popular websites.

Web hosting services, on the other hand, run servers that are typically assigned only one or a few addresses while serving websites for many domains, a technique referred to as **virtual web hosting**. Such IP address overloading requires that each request identifies the domain name being referenced, for instance by using the **HTTP request header field *Host***;, or **Server Name Indication**.

Abuse and regulation

[[edit](#)]

Critics often claim abuse of administrative power over domain names. Particularly noteworthy was the VeriSign **Site Finder** system which redirected all unregistered .com and .net domains to a VeriSign webpage. For example, at a public meeting with **VeriSign** to air technical concerns about **Site Finder**,^[30] numerous people, active in the **IETF** and other technical bodies, explained how they were surprised by VeriSign's changing the fundamental behavior of a major component of Internet infrastructure, not having obtained the customary consensus. Site Finder, at first, assumed every Internet query was for a website, and it monetized queries for incorrect domain names, taking the user to VeriSign's search site. Other applications, such as many implementations of email, treat a lack of response to a domain name query as an indication that the domain does not exist, and that the message can be treated as undeliverable. The original VeriSign implementation broke this assumption for mail, because it would always resolve an erroneous domain name to that of Site Finder. While VeriSign later changed Site Finder's behaviour with regard to email, there was still widespread protest about VeriSign's action being more in its financial interest than in the interest of the Internet infrastructure component for which VeriSign was the steward.

Despite widespread criticism, VeriSign only reluctantly removed it after the **Internet Corporation for Assigned Names and Numbers** (ICANN) threatened to revoke its contract to administer the root name servers. ICANN published the extensive set of letters exchanged, committee reports, and ICANN decisions.^[31]

There is also significant disquiet regarding the United States Government's political influence over ICANN. This was a significant issue in the attempt to create a **.xxx top-level domain** and sparked greater interest in **alternative DNS roots** that would be beyond the control of any single country.^[32]

Additionally, there are numerous accusations of **domain name front running**, whereby registrars, when given whois queries, automatically register the domain name for themselves. Network Solutions has been accused of this.^[33]

Truth in Domain Names Act

[[edit](#)]

In the United States, the **Truth in Domain Names Act** of 2003, in combination with the **PROTECT Act of 2003**, forbids the use of a misleading domain name with the intention of attracting Internet users into visiting **Internet pornography** sites.

The Truth in Domain Names Act follows the more general [Anticybersquatting Consumer Protection Act](#) passed in 1999 aimed at preventing [typosquatting](#) and deceptive use of names and trademarks in domain names.

Seizures


[\[edit\]](#)

In the early 21st century, the US Department of Justice (DOJ) pursued the [seizure](#) of domain names, based on the legal theory that domain names constitute property used to engage in criminal activity, and thus are subject to [forfeiture](#). For example, in the seizure of the domain name of a gambling website, the DOJ referenced [18 U.S.C. § 981](#) and [18 U.S.C. § 1955\(d\)](#).[\[34\]](#)[\[1\]](#) In 2013 the US government seized [Liberty Reserve](#), citing [18 U.S.C. § 982\(a\)\(1\)](#).[\[35\]](#)


The U.S. Congress passed the [Combating Online Infringement and Counterfeits Act](#) in 2010. Consumer Electronics Association vice president Michael Petricone was worried that seizure was a *blunt instrument* that could harm legitimate businesses.[\[36\]](#)[\[37\]](#) After a joint operation on February 15, 2011, the DOJ and the Department of Homeland Security claimed to have seized ten domains of websites involved in advertising and distributing child pornography, but also mistakenly seized the domain name of a large DNS provider, temporarily replacing 84,000 websites with seizure notices.[\[38\]](#)

In the [United Kingdom](#), the [Police Intellectual Property Crime Unit](#) (PIPCU) has been attempting to seize domain names from registrars without court orders.[\[39\]](#)


- Seizure notices
[absolute poker.com](#)

-  Image not found or type unknown

[absolute poker.com](#)
[channelsurfing.net](#)

-  Image not found or type unknown

[channelsurfing.net](#)
[libertyreserve.com](#)

-  Image not found or type unknown

Suspensions

[\[edit\]](#)

PIPCU and other UK law enforcement organisations make domain suspension requests to [Nominet](#) which they process on the basis of breach of terms and conditions. Around 16,000 domains are suspended annually, and about 80% of the requests originate from PIPCU.[\[40\]](#)

[libertyreserve.com](#)

Property rights

[\[edit\]](#)

Because of the economic value it represents, the [European Court of Human Rights](#) has ruled that the exclusive right to a domain name is protected as property under article 1 of Protocol 1 to the [European Convention on Human Rights](#).[\[41\]](#)

IDN variants

[\[edit\]](#)

[ICANN](#) Business Constituency (BC) has spent decades trying to make IDN variants work at the second level, and in the last several years at the top level. Domain name variants are domain names recognized in different character encodings, like a single domain presented in [traditional Chinese](#) and [simplified Chinese](#). It is an [Internationalization and localization](#) problem. Under Domain Name Variants, the different encodings of the domain name (in simplified and traditional Chinese) would resolve to the same host.[\[42\]](#)[\[43\]](#)

According to [John Levine](#), an expert on Internet related topics, "Unfortunately, variants don't work. The problem isn't putting them in the DNS, it's that once they're in the DNS, they don't work anywhere else."[\[42\]](#)

Fictitious domain name

[\[edit\]](#)

A *fictitious domain name* is a domain name used in a work of fiction or popular culture to refer to a domain that does not actually exist, often with invalid or unofficial [top-level domains](#) such as [".web"](#), a usage exactly analogous to the dummy [555 telephone number prefix](#) used in film and other media. The canonical fictitious domain name is ["example.com"](#), specifically set aside by IANA in RFC 2606 for such use, along with the [.example](#) TLD.

Domain names used in works of fiction have often been registered in the DNS, either by their creators or by [cybersquatters](#) attempting to profit from it. This phenomenon prompted [NBC](#) to purchase the domain name [Hornymanatee.com](#) after talk-show host [Conan O'Brien](#) spoke the name while ad-libbing on [his show](#). O'Brien subsequently created a website based on the concept and used it as a [running gag](#) on the show.[\[44\]](#) Companies whose works have used fictitious domain names have also employed firms such as [MarkMonitor](#) to park fictional domain names in order to prevent misuse by third parties.[\[45\]](#)

Misspelled domain names

[\[edit\]](#)



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Misspelled domain names, also known as **typosquatting** or **URL hijacking**, are domain names that are intentionally or unintentionally misspelled versions of popular or well-known domain names. The goal of misspelled domain names is to capitalize on internet users who accidentally type in a misspelled domain name, and are then redirected to a different website.

Misspelled domain names are often used for malicious purposes, such as **phishing** scams or distributing **malware**. In some cases, the owners of misspelled domain names may also attempt to sell the domain names to the owners of the legitimate domain names, or to individuals or organizations who are interested in capitalizing on the traffic generated by internet users who accidentally type in the misspelled domain names.

To avoid being caught by a misspelled domain name, internet users should be careful to type in domain names correctly, and should avoid clicking on links that appear suspicious or unfamiliar. Additionally, individuals and organizations who own popular or well-known domain names should consider registering common misspellings of their domain names in order to prevent others from using them for malicious purposes.

Domain name spoofing

[\[edit\]](#)

The term **Domain name spoofing** (or simply though less accurately, **Domain spoofing**) is used generically to describe one or more of a class of **phishing** attacks that depend on falsifying or misrepresenting an internet domain name.^{[46][47]} These are designed to persuade unsuspecting users into visiting a web site other than that intended, or opening an email that is not in reality from the address shown (or apparently shown).^[48] Although website and email spoofing attacks are more widely known, any service that relies on **domain name resolution** may be compromised.

Types

[\[edit\]](#)

There are a number of better-known types of domain spoofing:

- **Typosquatting**, also called "URL hijacking", a "sting site", or a "fake URL", is a form of **cybersquatting**, and possibly **brandjacking** which relies on mistakes such as **typos** made by Internet users when inputting a **website address** into a **web browser** or composing an **email address**. Should a user accidentally enter an incorrect domain name, they may be led to any URL (including an alternative website owned by a cybersquatter).^[49]

The typosquatter's **URL** will usually be one of five kinds, all *similar to* the victim site address:

- A common misspelling, or foreign language spelling, of the intended site
- A misspelling based on a typographical error
- A plural of a singular domain name
- A different **top-level domain**: (i.e. .com instead of .org)
- An abuse of the **Country Code Top-Level Domain** (ccTLD) (.cm, .co, or .om instead of .com)
- **IDN homograph attack**. This type of attack depends on registering a domain name that is similar to the 'target' domain, differing from it only because its spelling includes one or more characters that come from a different alphabet but look the same to the naked eye. For example, the **Cyrillic**, **Latin**, and **Greek** alphabets each have their own letter **Α**, each of which has its own binary **code point**. **Turkish** has a **dotless letter i** (**İ**) that may not be perceived as different from the ASCII letter **i**. Most web browsers warn of 'mixed alphabet' domain names,[50][51][52][53] Other services, such as email applications, may not provide the same protection. Reputable **top level domain** and **country code domain** registrars will not accept applications to register a deceptive name but this policy cannot be presumed to be infallible.
- **DNS spoofing** – Cyberattack using corrupt DNS data
- **Website spoofing** – Creating a website, as a hoax, with the intention of misleading readers
- **Email spoofing** – Creating email spam or phishing messages with a forged sender identity or address

Risk mitigation

[edit]

- **Domain Name System Security Extensions** – Suite of IETF specifications
- **Sender Policy Framework** – Simple email-validation system designed to detect email spoofing
- **DMARC** – System to prevent email fraud ("Domain-based Message Authentication, Reporting and Conformance")
- **DomainKeys Identified Mail** – Email authentication method designed to detect email spoofing
- **Public key certificate** – Electronic document used to prove the ownership of a public key (SSL certificate)

Legitimate technologies that may be subverted

[edit]

- **URL redirection** – Technique for making a Web page available under more than one URL address

- [Domain fronting](#) – Technique for Internet censorship circumvention

See also

[\[edit\]](#)

- [Domain hack](#)
- [Domain hijacking](#)
- [Domain name registrar](#)
- [Domain name speculation](#)
- [Domain name warehousing](#)
- [Domain registration](#)
- [Domain tasting](#)
- [Geodomain](#)
- [List of Internet top-level domains](#)
- [Reverse domain hijacking](#)
- [Reverse domain name notation](#)

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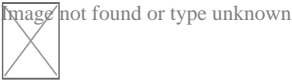
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External links

[edit]

 not found or type unknown

Look up **homograph** in Wiktionary, the free dictionary.



Wikimedia Commons has media related to **Domain name space**.

- (domain bias in web search) a research by Microsoft
 - Top Level Domain Bias in Search Engine Indexing and Rankings
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 - Internic.net, public information regarding Internet domain name registration services
 - Internet Domain Names: Background and Policy Issues Congressional Research Service
 - RFC 1034, Domain Names — Concepts and Facilities, an Internet Protocol Standard
 - RFC 1035, Domain Names — Implementation and Specification, an Internet Protocol Standard
 - UDRP, Uniform Domain-Name Dispute-Resolution Policy
 - Special use domain names
-
- **v**
 - **t**
 - **e**

Website management

Web hosting

- Clustered
- Peer-to-peer
- Self-hosting
- Virtual

Web analytics

- Click analytics
- Mobile web analytics
- Web tracking
 - Click tracking

Concepts

- Overselling
- Web document
- Web content
- Web content lifecycle
- Web server
- Web cache
- Webmaster
- Website governance

Web hosting control panels (comparison)

- AlternC
- cPanel
- DirectAdmin
- Domain Technologie Control
- Froxlor
- i-MSCP
- InterWorx
- ISPConfig
- Ispmanager
- Kloxo
- Plesk
- Usermin
- Webmin

Top-level domain registries

- AFNIC
- auDA
- DNS Belgium
- CentralNic
- CIRA
- CNNIC
- CZ.NIC
- DENIC
- EURid
- Freenom
- GoDaddy
- Google Domains
- Identity Digital
- IPM
- JPRS
- KISA
- NIC México
- Nominet
- PIR
- Tucows
- Verisign

Domain name managers and registrars

- Bluehost
- Domainz
- DreamHost
- Dynadot
- Enom
- Epik
- Gandi
- GlowHost
- GMO Internet
- GoDaddy
- Google Domains
- Hover
- Infomaniak
- Jimdo
- Name.com
- Namecheap
- Hostinger
- NameSilo
- NearlyFreeSpeech
- Network Solutions
- OVH
- Register.com
- Squarespace
- Tucows
- UK2
- Webcentral
- Web.com
- Wix.com

Web content management system

- Document management system
- Wiki software
- Blog software

Authority control databases: National

- Germany
- United States
- France
-  British Library
- Japan
- Israel

[Edit this at Wikidata](#)

About Web directory

A **web directory** or **link directory** is an online list or catalog of **websites**. That is, it is a directory on the **World Wide Web** of (all or part of) the World Wide Web. Historically, directories typically listed entries on people or businesses, and their contact information; such directories are still in use today. A web directory includes entries about websites, including links to those websites, organized into **categories** and subcategories.[1][2][3] Besides a link, each entry may include the title of the website, and a description of its contents. In most web directories, the entries are about whole websites, rather than individual pages within them (called "deep links"). Websites are often limited to inclusion in only a few categories.

There are two ways to find information on the Web: by **searching** or **browsing**. Web directories provide links in a structured list to make browsing easier. Many web directories combine searching and browsing by providing a search engine to search the directory. Unlike search engines, which base results on a database of entries gathered automatically by **web crawler**, most web directories are built manually by human editors. Many web directories allow site owners to submit their site for inclusion, and have editors review submissions for fitness.

Web directories may be general in scope, or limited to particular subjects or fields. Entries may be listed for free, or by paid submission (meaning the site owner must pay to have his or her website listed).

RSS directories are similar to web directories, but contain collections of **RSS feeds**, instead of links to websites.

History

[[edit](#)]

During the early development of the web, there was a list of **web servers** edited by **Tim Berners-Lee** and hosted on the **CERN** webserver. One historical snapshot from 1992 remains.[4] He also created the **World Wide Web Virtual Library**, which is the oldest web directory.[5]

Scope of listing

[[edit](#)]

Most of the directories are general in on scope and list websites across a wide range of categories, regions and languages. But some niche directories focus on restricted regions, single languages, or specialist sectors. For example, there are shopping directories that specialize in the listing of retail **e-commerce** sites.

Examples of well-known general web directories are [Yahoo! Directory](#) (shut down at the end of 2014) and [DMOZ](#) (shut down on March 14, 2017). DMOZ was significant due to its extensive categorization and large number of listings and its [free availability](#) for use by other directories and search engines.^[6]

However, a debate over the quality of directories and databases still continues, as search engines use DMOZ's content without real integration, and some experiment using [clustering](#).

Development

[\[edit\]](#)



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There have been many attempts to make building web directories easier, such as using automated submission of related links by script, or any number of available [PHP](#) portals and programs. Recently, [social software](#) techniques have spawned new efforts of categorization, with [Amazon.com](#) adding [tagging](#) to their product pages.

Monetizing

[\[edit\]](#)

Directories have various features in their listings, often depending upon the price paid for inclusion:

- Cost
 - Free submission – there is no charge for the review and listing of the site
 - Paid submission – a one-time or recurring fee is charged for reviewing/listing the submitted link
- [No follow](#) – there is a `rel="nofollow"` attribute associated with the link, meaning search engines will give no weight to the link
- Featured listing – the link is given a premium position in a category (or multiple categories) or other sections of the directory, such as the homepage. Sometimes called sponsored listing.
- Bid for position – where sites are ordered based on bids
- [Affiliate links](#) – where the directory earns commission for referred customers from the listed websites
- Reciprocity
 - Reciprocal link – a link back to the directory must be added somewhere on the submitted site in order to get listed in the directory. This strategy has decreased in popularity due to changes in SEO algorithms which can make it less valuable or counterproductive.^[7]

- No Reciprocal link – a web directory where you will submit your links for free and no need to add link back to your website

Human-edited web directories

[[edit](#)]



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A human-edited directory is created and maintained by editors who add links based on the policies particular to that directory. Human-edited directories are often targeted by [SEO](#)s on the basis that links from reputable sources will improve rankings in the major [search engines](#). Some directories may prevent search engines from rating a displayed link by using redirects, [nofollow](#) attributes, or other techniques. Many human-edited directories, including [DMOZ](#), [World Wide Web Virtual Library](#), [Business.com](#) and [Jasmine Directory](#), are edited by volunteers, who are often experts in particular categories. These directories are sometimes criticized due to long delays in approving submissions, or for rigid organizational structures and disputes among volunteer editors.

In response to these criticisms, some volunteer-edited directories have adopted [wiki](#) technology, to allow broader community participation in editing the directory (at the risk of introducing lower-quality, less objective entries).

Another direction taken by some web directories is the paid for inclusion model. This method enables the directory to offer timely inclusion for submissions and generally fewer listings as a result of the paid model. They often offer additional listing options to further enhance listings, including features listings and additional links to inner pages of the listed website. These options typically have an additional fee associated but offer significant help and visibility to sites and/or their inside pages.

Today submission of websites to web directories is considered a common [SEO \(search engine optimization\)](#) technique to get back-links for the submitted website. One distinctive feature of 'directory submission' is that it cannot be fully automated like search engine submissions. Manual directory submission is a tedious and time-consuming job and is often outsourced by [webmasters](#).

Bid for Position directories

[[edit](#)]



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Bid for Position directories, also known as bidding web directories, are paid-for-inclusion web directories where the listings of websites in the directory are ordered according to their bid amount. They are special in that the more a person pays, the higher up the list of websites in the directory they go. With the higher listing, the website becomes more visible and increases the chances that

visitors who browse the directory will click on the listing.

Propagation

[\[edit\]](#)

Web directories will often make themselves accessing by more and more URLs by acquiring the domain registrations of defunct websites as soon as they expire, a practice known as **Domain drop catching**.

See also

[\[edit\]](#)

- [List of web directories](#)
- [Lists of websites](#) – this itself is a web directory
- [Web portal](#)

Link destinations

- [Deep links](#)
- [Home pages](#)

Types of web directory

- [Business directory](#)

Other link organization and presentation systems

- [Webring](#)
- [Bookmark manager](#)
 - [Enterprise bookmarking](#)
 - [Social bookmarking](#)
- [Search engine](#)
 - [Search engine results page](#) (SERP)

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[\[edit\]](#)

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External links

[[edit](#)]

- [v](#)
- [t](#)
- [e](#)

[Web syndication](#)

History

[Blogging](#)
[Podcasting](#)
[Vlogging](#)
[Web syndication technology](#)

Types

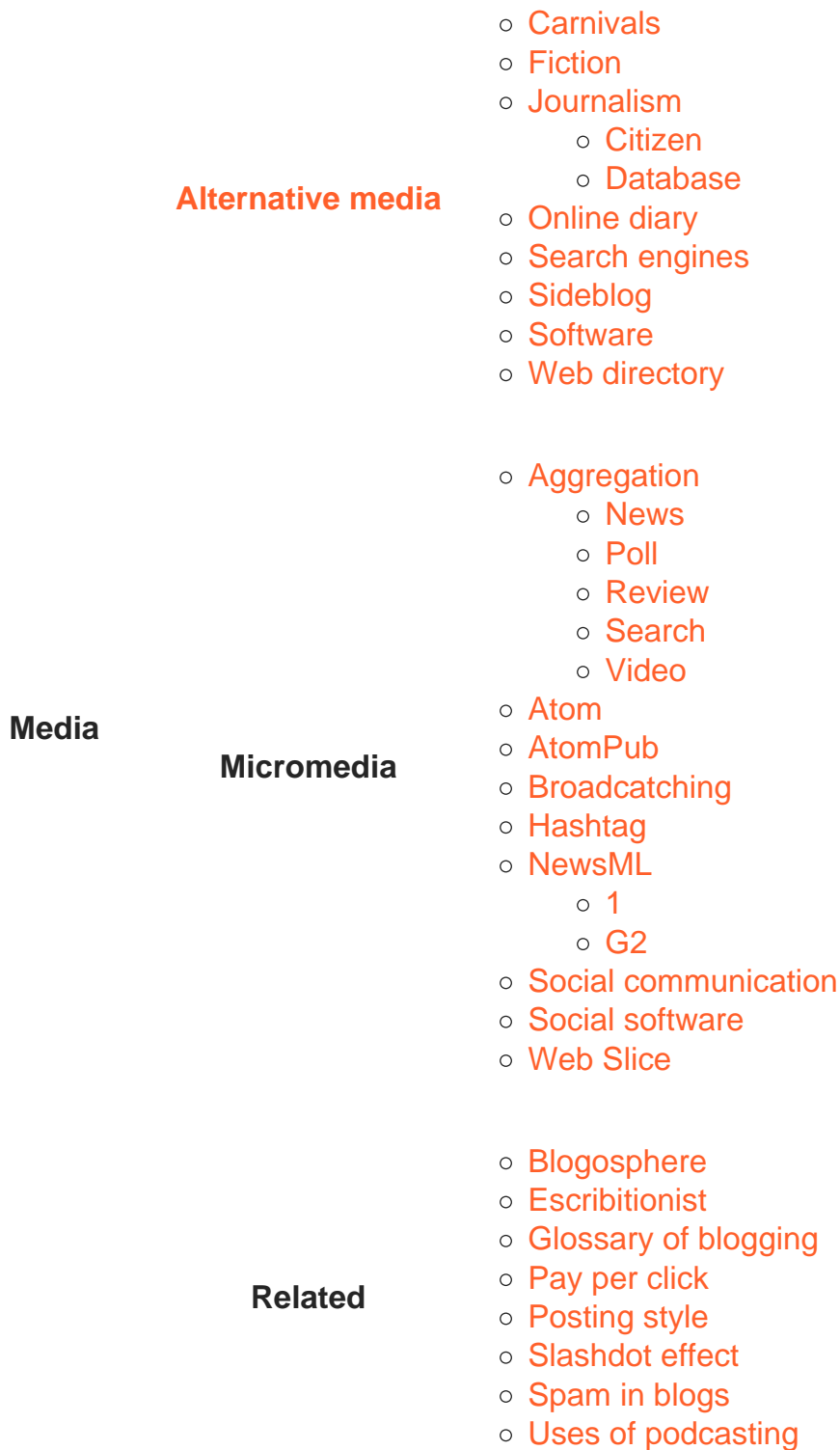
- Art
- Bloggernacle
- Classical music
- Corporate
- Dream diary
- Edublog
- Electronic journal
- Fake
- Family
- Fashion
- Food
- Health
- Law
- Lifelog
- MP3
- News
- Photoblog
- Police
- Political
- Project
- Reverse
- Travel
- Warblog

Technology	General	<ul style="list-style-type: none"> ○ BitTorrent ○ Feed URI scheme
	Features	<ul style="list-style-type: none"> ○ Linkback ○ Permalink ○ Ping ○ Pingback ○ Reblogging ○ Refback ○ Rollback ○ Trackback
	Mechanism	<ul style="list-style-type: none"> ○ Thread ○ Geotagging ○ RSS enclosure ○ Synchronization
	Memetics	<ul style="list-style-type: none"> ○ Atom feed ○ Data feed ○ Photofeed ○ Product feed ○ RDF feed ○ Web feed
	RSS	<ul style="list-style-type: none"> ○ GeoRSS ○ MRSS ○ RSS TV
	Social	<ul style="list-style-type: none"> ○ Inter-process communication ○ Mashup ○ Referencing ○ RSS editor ○ RSS tracking ○ Streaming media
	Standard	<ul style="list-style-type: none"> ○ OPML ○ RSS Advisory Board ○ Usenet ○ World Wide Web ○ XBEL ○ XOXO

- Audio podcast
- Enhanced podcast
- Mobilecast
- Narrowcasting
- Peercasting
- Screencast
- Slidecasting
- Videocast
- Webcomic
- Webtoon
- Web series

Form

- Anonymous blogging
- Collaborative blog
- Columnist
- Instant messaging
- Liveblogging
- Microblog
- Mobile blogging
- Spam blog
- Video blogging
- Motovlogging



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Frequently Asked Questions

How can a digital agency in Sydney help with SEO?

A digital agency in Sydney can offer a comprehensive approach, combining SEO with other marketing strategies like social media, PPC, and content marketing. By integrating these services, they help you achieve a stronger online presence and better ROI.

What does SEO mean for my business?

SEO, or search engine optimisation, means improving your website's structure, content, and overall performance to rank higher in search results. This leads to more organic traffic, increased brand visibility, and better conversion rates, ultimately supporting your business's growth.

What is SEO marketing?

SEO marketing is the process of using search engine optimization techniques to enhance your online presence. By optimizing your website, creating relevant content, and building authority, you attract organic traffic from search engines, increase brand awareness, and drive conversions.

search engine optimisation consultants

SEO Sydney

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City : Sydney

State : NSW

Zip : 2000

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[Google Business Website](#)

Company Website : <https://sydney.website/seo-sydney/>

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