

THE DOMAIN NAME INDUSTRY BRIEF

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VERISIGN®



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As a global provider of domain name registry services and internet infrastructure, Verisign reviews the state of the domain name industry each quarter through a variety of statistical and analytical research, as well as relevant industry insight. Verisign provides this brief to highlight important trends in domain name registrations, including key performance indicators and growth opportunities, to industry analysts, media and businesses.

EXECUTIVE SUMMARY

The first quarter of 2022 closed with 350.5 million domain name registrations across all top-level domains, an increase of 8.8 million domain name registrations, or 2.6%, compared to the fourth quarter of 2021.^{1,2} Domain name registrations have increased by 13.2 million, or 3.9%, year over year.^{1,2}

The .com and .net TLDs had a combined total of 174.7 million domain name registrations in the domain name base³ at the end of the first quarter of 2022, an increase of 1.2 million domain name registrations, or 0.7%, compared to the fourth quarter of 2021. The .com and .net TLDs had a combined increase of 6.7 million domain name registrations, or 4.0%, year over year. As of March 31, 2022, the .com domain name base totaled 161.3 million domain name registrations, and the .net domain name base totaled 13.4 million domain name registrations.

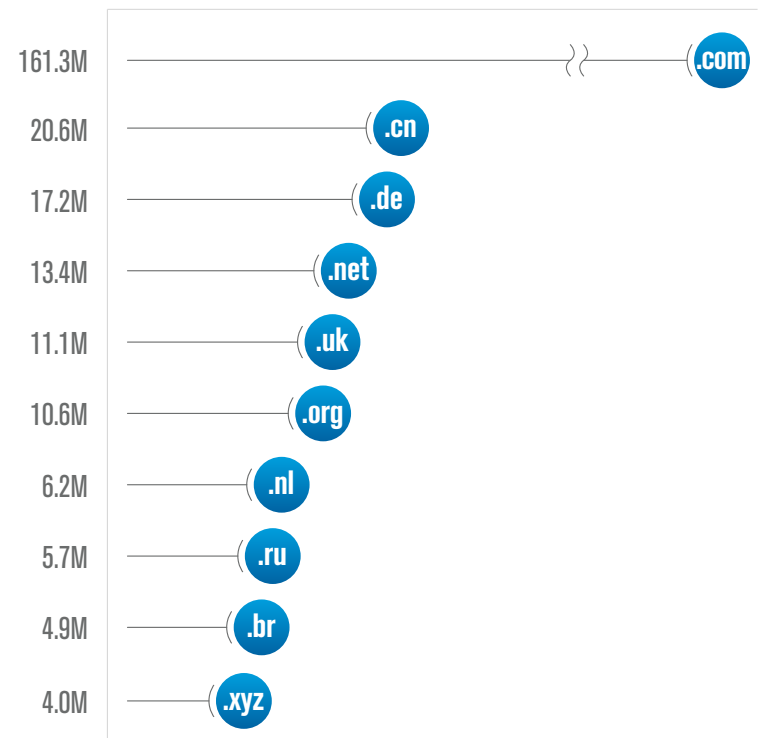
New .com and .net domain name registrations totaled 10.2 million at the end of the first quarter of 2022, compared to 11.6 million domain name registrations at the end of the first quarter of 2021.

Total country-code TLD domain name registrations were 133.4 million at the end of the first quarter of 2022, an increase of 6.0 million domain name registrations, or 4.7%, compared to the fourth quarter of 2021.^{1,2} ccTLDs increased by 3.1 million domain name registrations, or 2.4%, year-over-year.^{1,2}

Total new-generic TLD domain name registrations were 26.3 million at the end of the first quarter of 2022, an increase of 1.6 million domain name registrations, or 6.6%, compared to the fourth quarter of 2021. ngTLDs increased by 3.5 million domain name registrations, or 15.3%, year over year.

TOP 10 LARGEST TLDs BY NUMBER OF REPORTED DOMAIN NAMES

Source: ZookNIC, Q1 2022; Verisign, Q1 2022; Centralized Zone Data Service, Q1 2022



As of March 31, 2022, the 10 largest TLDs by number of reported domain names were .com, .cn, .de, .net, .uk, .org, .nl, .ru, .br and .xyz.^{1,2,4}

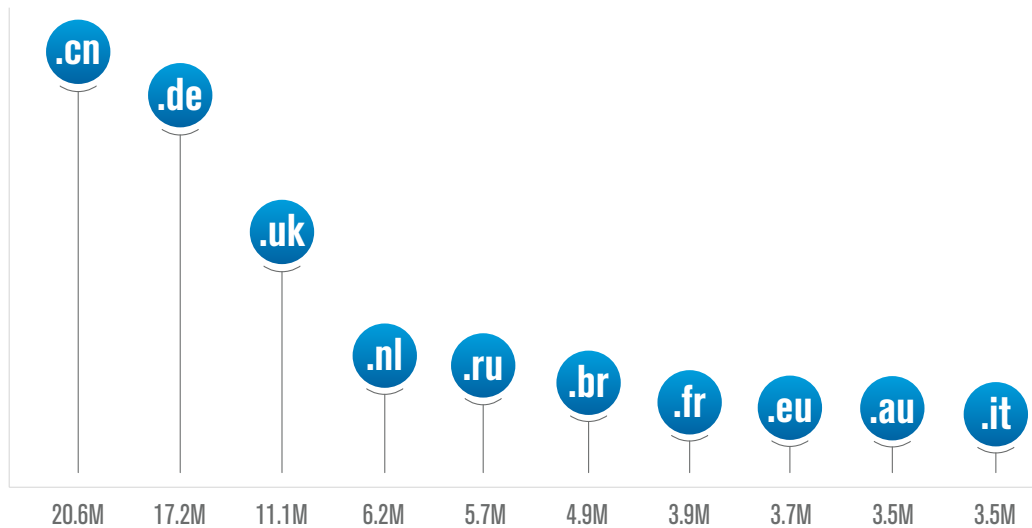


TOP 10 LARGEST ccTLDs BY NUMBER OF REPORTED DOMAIN NAMES

Source: ZookNIC, Q1 2022

For further information on *The Domain Name Industry Brief* methodology, please refer to the last page of this brief.

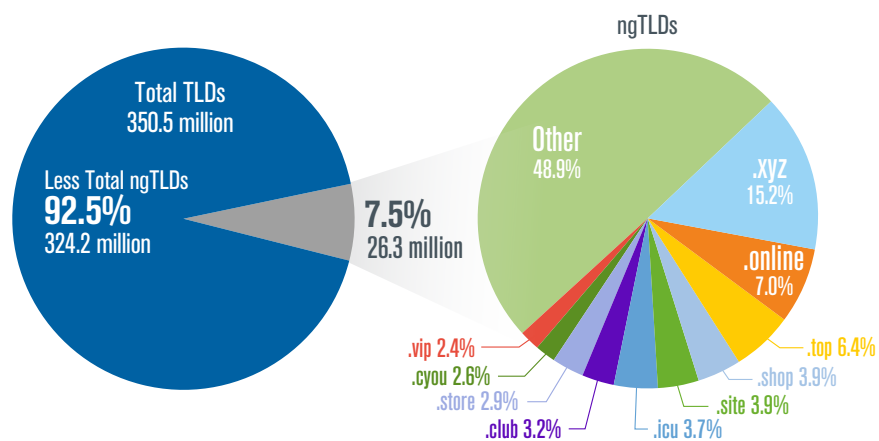
The top 10 ccTLDs, as of March 31, 2022, were .cn, .de, .uk, .nl, .ru, .br, .fr, .eu, .au and .it.^{1,2} As of March 31, 2022, there were 308 global ccTLD extensions delegated in the root zone, including internationalized domain names, with the top 10 ccTLDs comprising 60.3% of all ccTLD domain name registrations.^{1,2}



ngTLDs AS PERCENTAGE OF TOTAL TLDs

Source: ZookNIC, Q1 2022; Verisign, Q1 2022; and Centralized Zone Data Service, Q1 2022

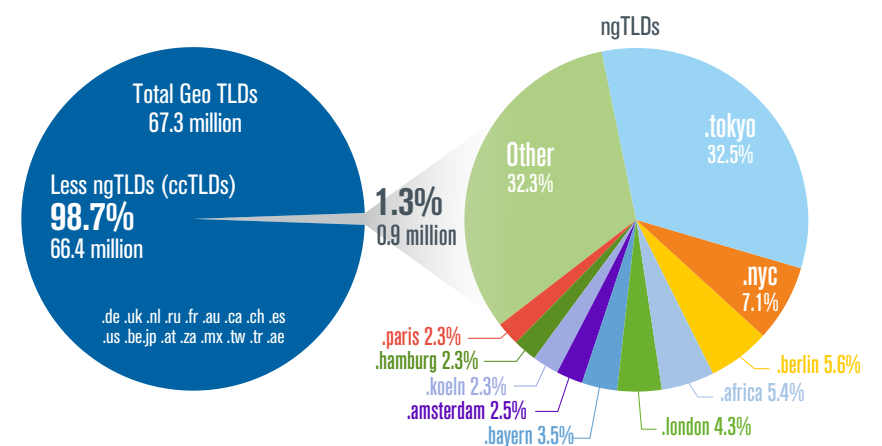
The top 10 ngTLDs represented 51.1% of all ngTLD domain name registrations. The following chart shows ngTLD domain name registrations as a percentage of overall TLD domain name registrations, of which they represent 7.5%. In addition, the chart on the right highlights the top 10 ngTLDs as a percentage of all ngTLD domain name registrations for the first quarter of 2022.



GEOGRAPHICAL ngTLDs AS PERCENTAGE OF TOTAL CORRESPONDING GEOGRAPHICAL TLDs

Source: ZookNIC, Q1 2022 and Centralized Zone Data Service, Q1 2022

As of March 31, 2022, there were 50 ngTLDs delegated that met the following criteria: 1) had a geographical focus and 2) had more than 1,000 domain name registrations since entering general availability. The chart on the left summarizes the domain name registrations as of March 31, 2022, for the listed ccTLDs and the corresponding geographical ngTLDs within the same geographic region. In addition, the chart on the right highlights the top 10 geographical ngTLDs as a percentage of the total geographical TLDs.





NEW ON THE VERISIGN BLOG / January – March 2022



ROUTING WITHOUT RUMOR: SECURING THE INTERNET'S ROUTING SYSTEM

The increasingly critical role of the internet and the evolving cyberthreat landscape require a better approach for protecting routing information and preventing route leaks and route hijacks. Just as ensuring that DNS is secure, stable and resilient is a priority for Verisign, so is making sure that the routing system has these characteristics.



OBSERVATIONS ON RESOLVER BEHAVIOR DURING DNS OUTAGES

When an outage affects a component of the internet infrastructure, there can often be downstream ripple effects affecting other components or services. We would like to share our observations of this impact in the case of two recent such outages, measured at various levels of the DNS hierarchy, and discuss the resultant increase in query volume due to the behavior of recursive resolvers.



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ABOUT VERISIGN

Verisign, a global provider of domain name registry services and internet infrastructure, enables internet navigation for many of the world's most recognized domain names. Verisign enables the security, stability, and resiliency of key internet infrastructure and services, including providing root zone maintainer services, operating two of the 13 global internet root servers and providing registration services and authoritative resolution for the .com and .net top-level domains, which support the majority of global e-commerce. To learn more about what it means to be Powered by Verisign, please visit verisign.com.

LEARN MORE

To access the archives for *The Domain Name Industry Brief*, please go to verisign.com/dnibarchives. Email your comments or questions to domainbrief@verisign.com.

METHODOLOGY

The data presented in this brief, including quarter-over-quarter and year-over-year metrics, reflects information available to Verisign at the time of this brief and may incorporate changes and adjustments to previously reported periods based on additional information received since the date of such prior reports, so as to more accurately reflect the growth rate of domain name registrations. In addition, the data available for this brief may not include data for all of the 308 ccTLD extensions that are delegated to the root zone, and includes only the data available at the time of the preparation of this brief. Beginning with Vol 19, Issue 1 of *The Domain Name Industry Brief*, the .tk, .cf, .ga, .gq and .ml ccTLDs have been excluded from all applicable calculations. The historical data has been adjusted from Vol 19, Issue 1 forward.

For generic TLD and ccTLD data cited with ZookNIC as a source, the ZookNIC analysis uses a comparison of domain name root zone file changes supplemented with other authoritative data sources and independent approximations. For more information, see zooknic.com.

¹ Per the Editor's Note in Vol 19, Issue 1 of *The Domain Name Industry Brief*, all figure(s) exclude domain names in the .tk, .cf, .ga, .gq and .ml ccTLDs operated by Freenom. Quarterly and year-over-year trends have been calculated relative to historical figures that have also been adjusted to exclude these five ccTLDs.

² The generic TLD, ngTLD and ccTLD data cited in this brief: (i) includes ccTLD internationalized domain names, (ii) is an estimate as of the time this brief was developed and (iii) is subject to change as more complete data is received. Some numbers in this brief may reflect standard rounding.

³ The domain name base is the active zone plus the number of domain names that are registered but not configured for use in the respective TLD zone file plus the number of domain names that are in a client or server hold status. The .com and .net domain name registration figures are as reported in Verisign's most recent SEC filings.

⁴ Line break indicates that the .com line has been shortened for display considerations.

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