

Chapter 2 - Written Exercise

ITWP 2600

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“#9 In about 100 words, explain how top-level Web domain names are proposed and approved.”

Top level domain is the rightmost part of a domain name, for example the web address ‘macomb.edu’ the .edu is the top-level domain. The Internet Corporation for Assigned Names and Numbers (ICANN) oversee and manages domain names and IP address registrar among many other responsibilities.

To create a new top-level domain, an application must be submitted to the ICANN, in which you need to explain what this will be used for, how it’s managed and information related to security and reliability. ICANN will evaluate the application before moving it into a stage that allows public feedback and input on the new domain. This stage allows individuals to speak up if a proposed domain is confusing or infringing. If everything goes smoothly and the domain is approved, ICANN updates the Domain Name System (DNS) and the domain goes live.

If any issues or concerns are raised between multiple parties regarding a top-level domain, the ICANN can and will step in to resolve the issue, using different methods such as negotiations or community evaluations depending on the issue.

Some of the common domain names and usages are:

Domain Name:	Used for:
.com	Globally used, standard for commercial and general business
.net	General use but was originally for network services
.org	Non-profit organization use
.mil	United States Military
.gov	United States Government
.info	Informational sites
.pro	Licensed professionals (lawyers for example)
.edu	Accredited Educational Institutions
.blog	Bloggers or written personal websites

There are also domain names for different countries, of the 308 top-level country code domains, here are some examples:

Domain	County
.us	United States
.ca	Canada
.uk	United Kingdom
.fr	France
.jp	Japan
.de	Germany
.au	Australia
.asia	Asian-Pacific Regions

Resources:

Schneider, Gary P. (2017, 2015). Electronic Commerce (12th ed.). Cengage Learning US.

<https://www.wix.com/blog/new-top-level-domains>

<https://newgtldprogram.icann.org/en>

<https://newgtldprogram.icann.org/en/application-rounds/round2/2026-round-general>

<https://newgtlds.icann.org/en/applicants/global-support/faqs/faqs-en>

<https://www.networksolutions.com/blog/what-is-tld/>