

A More Inclusive Internet: New Generic Top-Level Domains

September 2024



Agenda

Introduction to the Internet and the Domain Name System (DNS)

O2 Internationalized Domain Names and Universal Acceptance

Building A More Inclusive Internet through New Generic Top-Level Domains

04 New gTLD Applicant Support Program

05 Registry Service Provider Evaluation Program

06 Timeline and Resources

07 Q & A

The Internet is a Global Network of Networks



How Do We Navigate the Internet?



IP addresses are hard for people to remember

• IPv4: 192.0.43.7

IPv6: 2001:0db8:ac10:fe01:0000





People easily remember words.

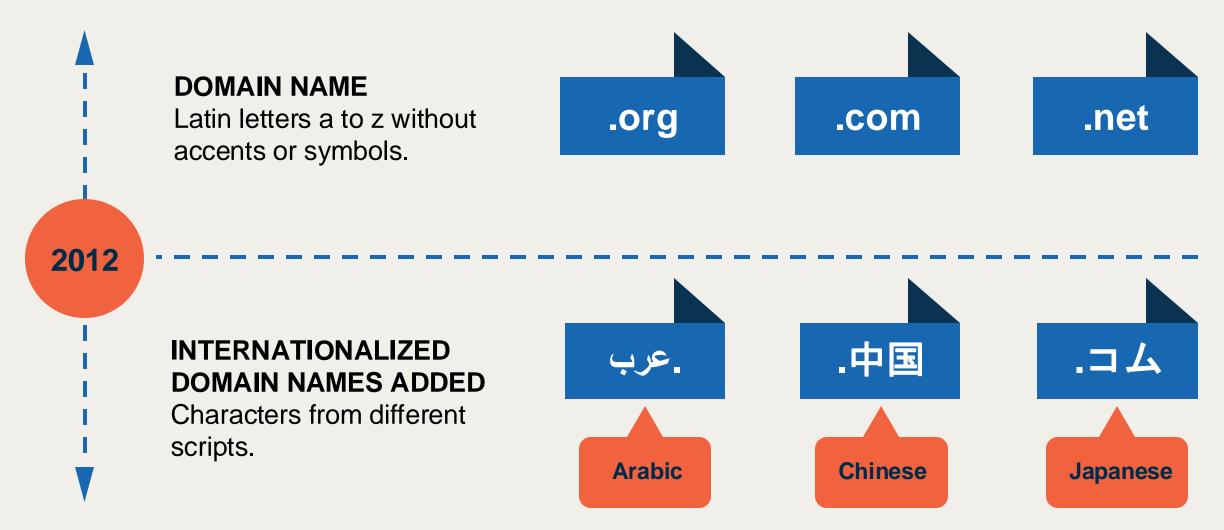
www.icann.org = 192.0.43.7

What is a Domain Name?

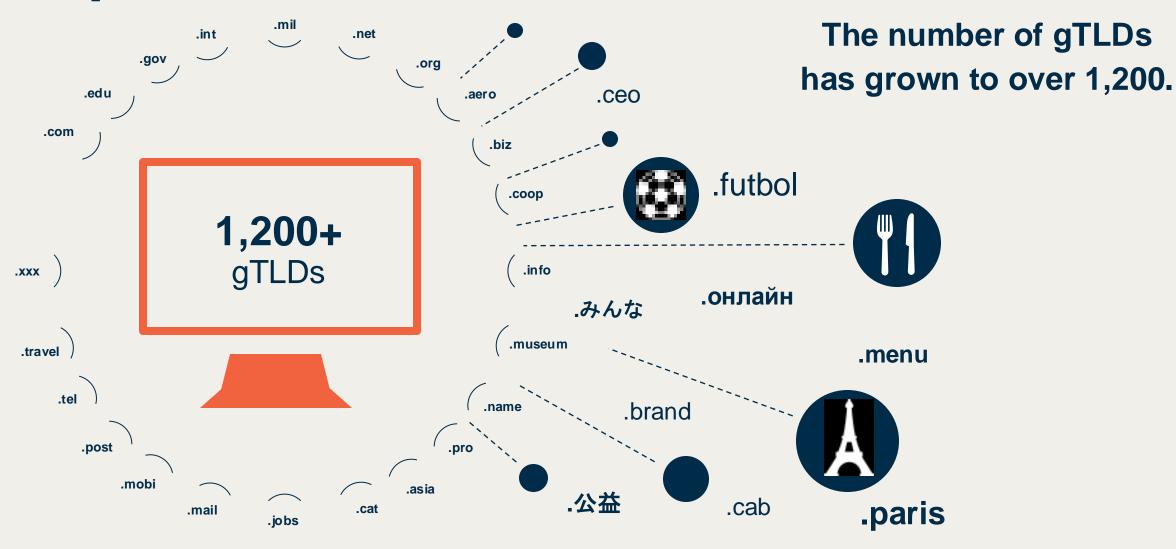
www.icann.org

Top-Level Domain

What Are Top-Level Domains (TLDs)?



Expansion of the DNS



Building a More Inclusive Internet

The ICANN community is working to make the Internet more globally usable via...



Universal Acceptance – The technical necessity that ensures that all valid domain names and email addresses can be used by all Internet-enabled applications, devices, and systems.

Legacy applications and systems should be updated.



Internationalized Domain Names – Domain names represented by characters other than Latin-based or ASCII characters (a through z).



Everyone should be able to use the Internet using a domain name and email address that fits their language or culture.

The New gTLD Program: Next Round

New Domain Names, New Uses

Serve diverse cultural, geographic, language, and professional communities.

Provide communities and organizations opportunity to create their own space online.

Build trust in and awareness of a brand.

Manage and secure your online presence.



gTLD Opportunities



Businesses and brands



Governments – local and national - and IGOs

gTLDs can be tailored for audiences based on:



Communities and cultures



Targeted customers or memberships



Geographies (e.g., cities and regions)



Users of diverse scripts

Benefits of Operating a gTLD



Becoming a Registry Operator



Applying for a gTLD means you are applying to operate a piece of the Internet (a registry).



A registry supports all the domains registered under a particular gTLD.

A Registry Operator:

- Sets the requirements for the gTLD.
- Determines which second-level domains (the characters to the left of the dot) can be registered, and by whom.

Financial and Technical Considerations

New gTLD Program: Next Round expected

evaluation fee: US \$227,000

In addition to:

- Standard operational fees included in the Registry Agreement signed with ICANN
- Ongoing financial and technical obligations



Applying for a new gTLD requires significant financial and technical resources.



All new gTLD applicants must be able to demonstrate the operational, technical, and financial capacities necessary to operate a registry and comply with contractual requirements.

^{*}Fees subject to change

^{**}Exceptions may apply for eligible applicants

Responsibilities of Registry Operators



Registry operators:

- Maintain master database of all domain names registered in the TLD.
- Generate the "zone file" that allows computers to route Internet traffic to and from TLDs anywhere in the world.



Responsibilities include:

- Manage requirements detailed in the Registry Agreement and ICANN policies.
- Convert domain names into IP addresses to enable routing of Internet traffic.
- Operate the technical aspects of the TLD.

Next Round: Applicant Support Program (ASP)

Criteria for Applicant Support

To be eligible for assistance through the Applicant Support Program, applicants must demonstrate:

- General business due diligence
- Public responsibility due diligence
- Financial need
- Financial viability
- Eligible entity status

Applicant Support Program

Applying for a gTLD is expensive and may be out of reach for many. The Applicant Support Program makes applying for a new gTLD more accessible to entities that are unable to because of financial and other resource constraints.

Candidates must be one of these types of entities:



Nonprofit, nongovernmental,and charitable organizations



Intergovernmental organizations



Indigenous/tribal peoples' organizations



Micro and small businesses that are social enterprises or that operate in a lessdeveloped economy

Applicant Support Portfolio

The Applicant Support Program provides a range of financial and nonfinancial assistance to qualified, eligible entities.



Financial Support

- ► A 75-85% reduction in applicable gTLD evaluation fees
- Bid credit
- Reduced/waived base registry operator fees



Nonfinancial Support

- Training materials: applying for a gTLD, becoming a Registry Operator
- Capacity Development/ Mentorship Program
- Access to an Applicant Counselor
- List of volunteer professional service providers

Evaluating Support Applicants

PHASE 1

General business due diligence, including:

- Legal compliance check.
- Confirming that all required documentation has been submitted.
- Confirming
 the applicant meets
 eligibility criteria for
 New gTLD Program:
 Next Round.
- Background screening and cybersquatting history check.



Applicants that do not pass the general business due-diligence pre-screening will not be considered for Phase 2 evaluation.

Evaluating Support Applicants

PHASE 2

Evaluations conducted by third-party vendor managing a Support Applicant Review Panel:

- Public responsibility due diligence:
 - Applicant does not trade in, produce, or promote an industry/string contrary to generally accepted legal norms of morality and public order.
 - Applicant is not affiliated with an existing ICANN gTLD registry.

- Financial need:
 - Applicant could not afford to apply to the New gTLD Program without financial hardship.

Financial viability:

Applicant demonstrates
 plan to cover remaining
 discounted portion of the
 base gTLD application fee
 and submits required
 deposit.

What Happens Next?

1

All new gTLD applicants – supported or not – are required to submit a completed application for a new gTLD.

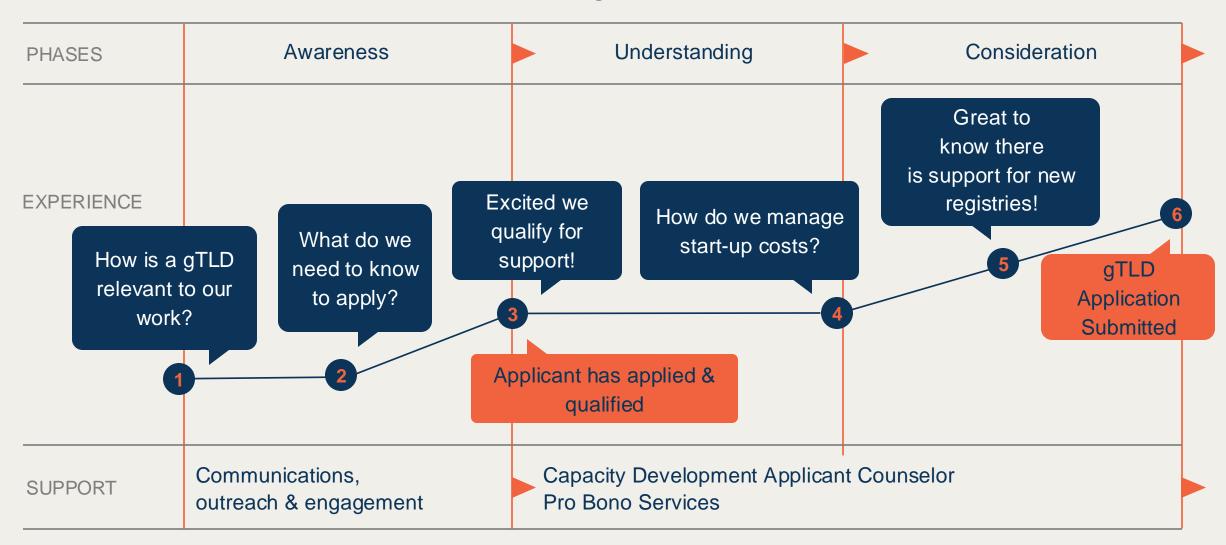
2

Requires demonstration of technical, operational, and financial capabilities needed to operate a gTLD.

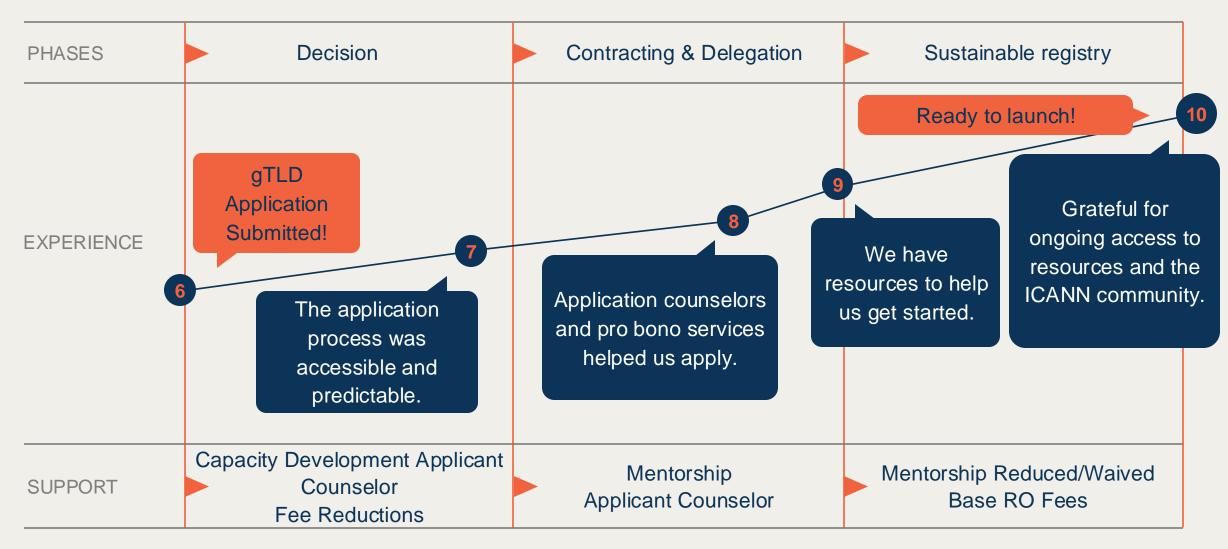
3

There are also measures in place to deter abuse of the program, outlined in the Applicant Support Program Handbook.

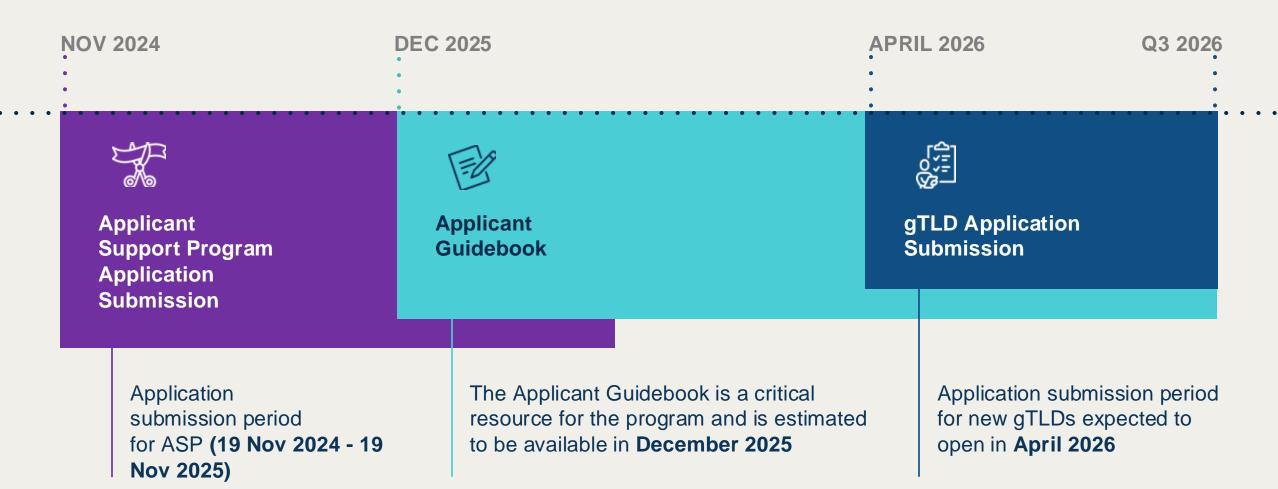
A Supported Applicant's Journey



A Supported Applicant's Journey



Key Dates



Next Round: Registry Service Provider (RSP) Evaluation Program

Registry Service Provider Evaluation Program

- RSPs deliver critical functions on behalf of the registry operator
- RSP Evaluation is intended to reduce cost and time required for evaluating new gTLDs by separating the
 evaluation of the technical aspects of operating a gTLD from the application for the gTLD label.
- Evaluation ensures that RSPs have the proper technical qualifications for running a gTLD back-end.
- Organizations may apply to be one of each type of RSP:
 - o Main
 - o DNS
 - O DNSSEC
 - O Proxy) under one application fee. Main RSPs may apply for one or more Exhibit A Registry Services and IDN Services

Registry Service Provider Evaluation Program

- All gTLD applications undergo an initial technical screening and technical testing
 - New Registry System Testing 2.0 service.
- A list of evaluated RSPs will be available before the gTLD application submission period opens and frequently updated as RSPs are evaluated.
- All new gTLD applicants are required to use evaluated RSPs.
- Applications from organizations exhibiting no Specification 10 service disruptions in the previous six months are exempt from a secondary technical screening.

Registry System Testing 2.0

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Next Round: Timeline and Resources

New gTLD Program: Next Round Implementation Timeline

New gTLD Program: Next Round Application Submission Period:

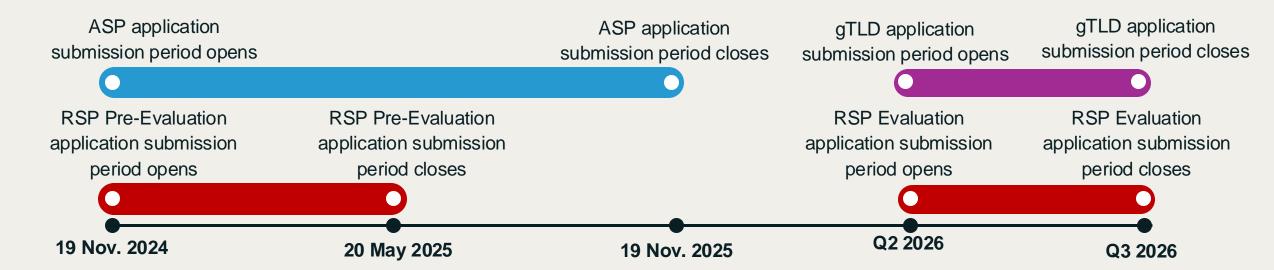
Expected to open April 2026 for 12-15 weeks.

Applicant Support Program (ASP) Application Submission Period:

Opens 19 Nov. 2024; Closes 19 Nov. 2025

Registry Service Provider (RSP) Evaluation Program Application Submission Period:

- Pre-Evaluation period opens 19 Nov. 2024; Closes 20 May 2025
- Another Evaluation period opens and closes during the gTLD application submission periods



New gTLD Program: Next Round Resources

- New gTLD Program: Next Round website: https://newgtldprogram.icann.org/
- <u>Frequently Asked Questions</u> (FAQs)
- Program News and Announcements
- ICANN <u>Engagement Calendar</u>
- ICANN News Subscription <u>link</u>

1

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