

IDN ccTLD and DNS Resilience Early Considerations

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#whoami

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- Interconnection Manager at PCH
- Outreach at Quad9
- First time ICANN attendee/speaker

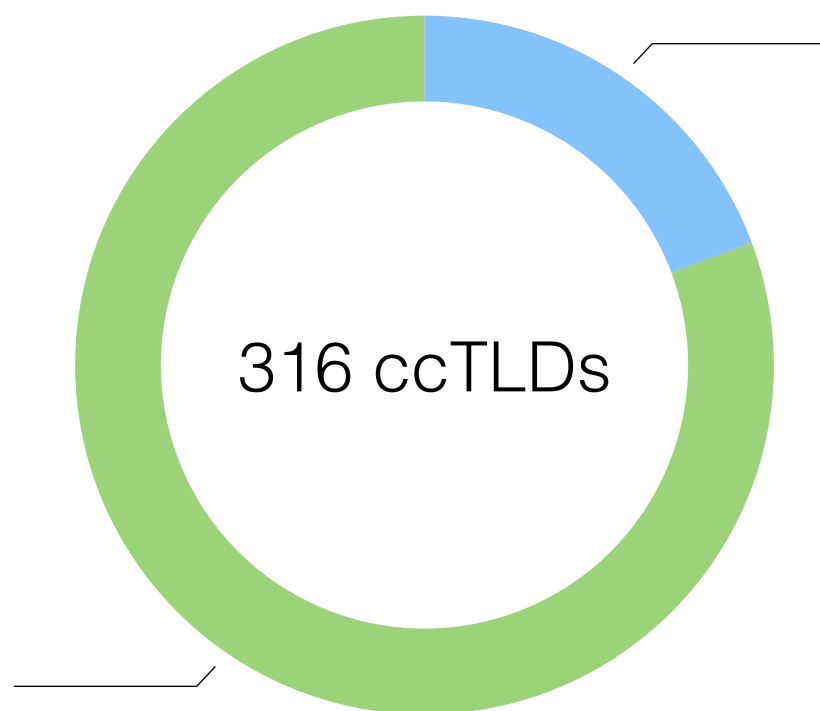


About PCH

Packet Clearing House (PCH) is the global intergovernmental treaty organisation responsible for providing operational support and security to critical Internet infrastructure, including Internet exchange points and the core of the DNS, since 1994.

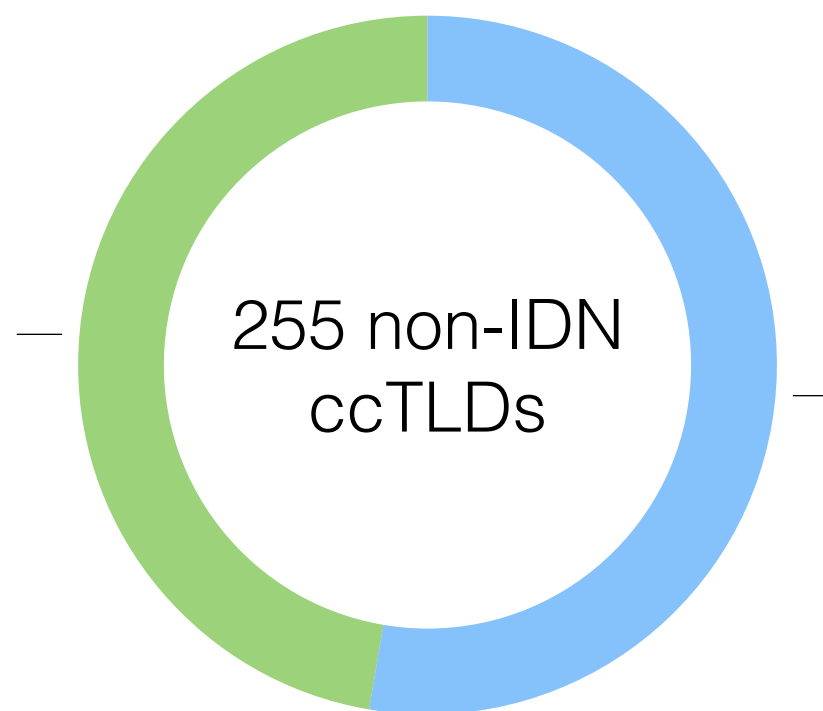


A brief reminder of the current SQ



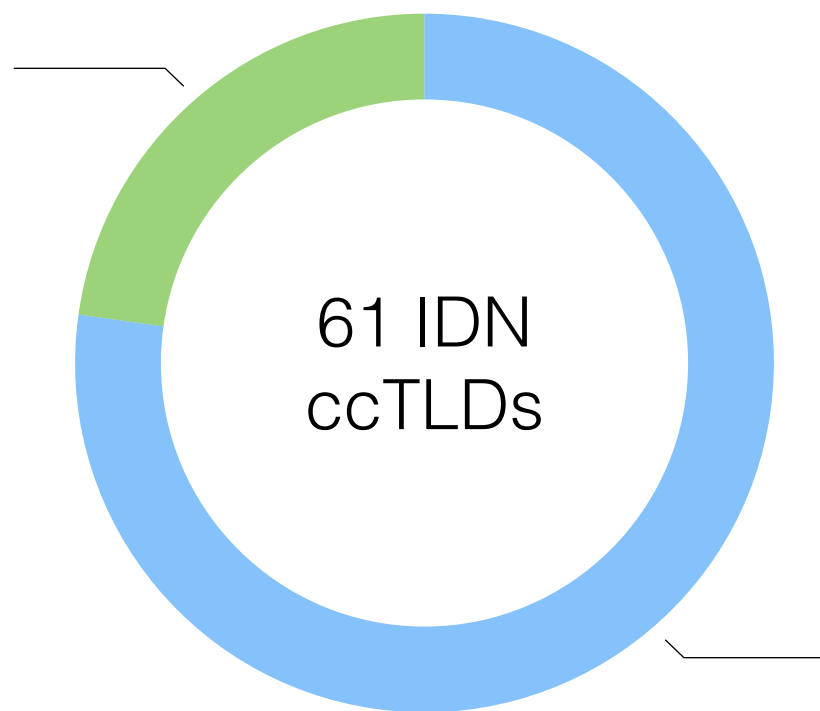
Source: <https://www.iana.org/domains/root/db>

115 / 255 non-IDN ccTLDs supported



Source: <https://www.iana.org/domains/root/db>

17 / 61 IDN ccTLDs supported



Source: <https://www.iana.org/domains/root/db>

IDN ccTLD and DNS Resilience Project Plan

1. Survey Phase (Your help is needed)

- Conduct a survey to gather insights from ccTLD operators.

2. Data Analysis & Findings

- Analyse the collected data to identify trends, challenges, and opportunities.

IDN ccTLD and DNS Resilience Project Plan

3. Publishing & Sharing Results

- Publish a report summarising the findings. Share insights with the community, ccTLD operators, and relevant stakeholders.

4. Next Steps & Collaboration

- Share the results with you for further discussion.
- Explore potential actions based on the findings (e.g., best practices, training, technical recommendations).
- Identify collaborative initiatives to strengthen DNS resilience in IDN ccTLD operations.

Draft Survey Questions

1. Do you have one or more allocated ccTLD IDNs for your country, region, or language?

- (A) Yes
- (B) Yes (More than one)
- (C) No
- (D) In progress
- (E) Under consideration/discussion

2. Is your ccTLD IDNs currently active?

- (A) Yes
- (B) No
- (C) Planned for future activation

Draft Survey Questions

3. Is your ccTLD IDN currently operating or planned to operate within the same technical organisation as your non-IDN ccTLD? If not, what are the reasons for having separate organisations?

(A) Yes

(B) No, Reason: _____

4. What challenges have you faced in getting your ccTLD IDNs allocated by ICANN?

(A) Complicated process

(B) Lack of awareness

(C) Difficulty finding information

(D) No challenges faced

(E) Other:

Draft Survey Questions

5. What have been or do you think are the main challenges in getting your ccTLD IDN active/operational?

- (A) Lack of technical knowledge
- (B) Limited technical support
- (C) Not a priority at the moment
- (D) Compatibility issues with existing systems
- (E) Lack of demand from the community
- (F) Other:

6. What would help you successfully deploy your ccTLD IDN?

- (A) Better documentation and guidelines
- (B) Financial support or incentives
- (C) More technical assistance
- (D) Community awareness and training programs
- (E) Other:

Open Discussion

- No Definitive Answers - Yet! or Few Answers/Insights - Yet!
- Your Input Matters!

What are your experiences with IDN ccTLDs?

What technical / Policy barriers do you see?

Other?

Questions?

Thanks for your attention

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