

Proposed Top-Level Domain String for Private Use

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Some background...

- Started off in the IETF (2017) as [draft-wkumari-dnsop-internal - "The .internal TLD."](#)
 - DNSOP participants (rightly) observed that this should be done in ICANN
- Brought to ICANN SSAC, and became [SAC113 - SSAC Advisory on Private-Use TLDs](#)

SAC113 - SSAC Advisory on Private-Use TLDs

- Document contains a number of “Use-Cases for Private-Use TLDs”, but one obvious justification is that people keep doing this (e.g .home, .corp, .mail, .internal)

Magnitude ▼	Top-Level Domain ▲▼
8.128	internal
8.018	localdomain
7.807	lan
7.778	olk
7.600	home
7.431	unifi
7.290	initplayback
7.194	wpad
7.143	server
7.141	corp
7.014	https

Src:

<https://magnitude.research.icann.org/>

SAC113 - SSAC Advisory on Private-Use TLDs

The SSAC recommends that the ICANN Board ensure a string is identified using the criteria specified in Section 4.1 and reserved at the top level for private use. This particular string must never be delegated.

The SSAC proposes the following criteria for the selection of the string:

1. It is a valid DNS label
2. It is not already delegated in the root zone.
3. It is not confusingly similar to another TLD in existence.
4. It is relatively short, memorable, and meaningful.

Public Comment

[Proposed Top-Level Domain String for Private Use](#)

The Internet Assigned Numbers Authority (IANA) has made a provisional determination that “.INTERNAL” should be reserved for private-use and internal network applications. Prior to review and approval of this reservation by the ICANN Board, we are seeking feedback on whether the selection complies with the specified procedure from SAC113, and any other observations that this string would be an inappropriate selection for this purpose.

ALAC

- Potential Benefits:
 - ✓ Improved security through clear differentiation between public and private namespaces
 - ✓ Reduced risk of name collisions with potential gTLDs, enhancing user trust and reliability in navigating the Internet
- Potential Challenges (Potential):
 - ⚠ Users may not be aware of ".INTERNAL" or readily adopt it, leading to potential confusion or continued use of non-designated domains
- SSAC and ALAC's Role
 - SSAC:** Providing technical expertise and guidance on the implementation and security implications.
 - ALAC:** Advocating for end-user interests, focusing on usability, accessibility, and awareness.