

What is E164.arpa?

E164.arpa has been proposed as the DNS domain for use with ENUM. This designation may change as a result of ongoing discussions between the ITU, the IETF, and other international organizations involved with ENUM.

In the event that the international community chooses a different ENUM domain, the structures discussed here and in IETF RFC 2916 will apply to that new designated domain.

The .arpa domain has been designated for Internet infrastructure purposes.

It is managed by the Internet Assigned Numbers Authority (IANA) in cooperation with the Internet technical community under the guidance of the Internet Architecture Board (IAB). A new top-level domain (e.g., .e164) was not created because ENUM is an infrastructure application appropriate for designation within the previously established .arpa domain.

ENUM is considered appropriate as an infrastructure application because it provides a set of DNS-based resource directories, referenced by phone number, for use by various ENUM-enabled application clients (such as telephones, SIP servers, and voice messaging systems).