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Iris.arpa is Deprecated
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Abstract

This document requests that iris.arpa and areg.iris.arpa be removed from the arpa zone.

Status of This Memo

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[1.](#) Introduction

The Internet Registry Information Service[RFC3981] described a client-server protocol for querying Internet registries. One intended usage of the protocol was address registries, described in [RFC4698]. That document requested the Internet Architecture Board (IAB) to instruct IANA to insert a new label under .arpa. The IAB requested that delegation as set out in [RFC3172], and IANA set up both iris.arpa and a sub-delegation, areg.iris.arpa, as requested.

[2.](#) Recommendation

While IRIS was specified for this usage, it was not deployed for this purpose. At the request of the IAB, IANA reviewed usage statistics for the iris.arpa zone and found zero queries for areg.iris.arpa or NAPTR records during the survey period.

This document recommends that these delegations be removed from .arpa. If approved, the IAB is requested to instruct IANA to remove them.

[3.](#) IANA Considerations

This document requests that IANA remove .iris.arpa and its sub-delegations from the arpa zone upon receiving the relevant approval of the IAB.

[4.](#) Security Considerations

If there are users which are testing for the presence of this domain, those tests will fail. Without evidence of the existence of those tests or knowledge of their purpose, the impact is unknown.

[5.](#) Acknowledgements

Michelle Cotton and ICANN staff gathered the DNS request data on iris.arpa utilization. Michelle Cotton and Andy Newton reviewed this document.

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6. Normative References

- [RFC3172] Huston, G., Ed., "Management Guidelines & Operational Requirements for the Address and Routing Parameter Area Domain ("arpa")", [BCP 52](#), [RFC 3172](#), DOI 10.17487/RFC3172, September 2001, <<https://www.rfc-editor.org/info/rfc3172>>.
- [RFC3981] Newton, A. and M. Sanz, "IRIS: The Internet Registry Information Service (IRIS) Core Protocol", [RFC 3981](#), DOI 10.17487/RFC3981, January 2005, <<https://www.rfc-editor.org/info/rfc3981>>.
- [RFC4698] Gunduz, E., Newton, A., and S. Kerr, "IRIS: An Address Registry (areg) Type for the Internet Registry Information Service", [RFC 4698](#), DOI 10.17487/RFC4698, October 2006, <<https://www.rfc-editor.org/info/rfc4698>>.

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