

# The "reachability method" Resource Record Type

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# Links

Draft: <http://datatracker.ietf.org/doc/draft-hardie-rm-rr/>  
IPR declaration: <http://datatracker.ietf.org/ipr/1702/>

# Basics

Presentation format:

Ownername TTL Class RM Priority Weight Target

2 octet Priority field, a two octet Weight field, and a variable length target field. The target is a URI, encoded as one or more <character-string> [RFC 1035 Sec. 3.3].

Used when the A or AAAA record for that Ownername is in a limited reachability domain (Enterprise using RFC1918, ULA network, other non-globally routed space).

# DNS considerations

Ideally returned as additional data when associated with an A or AAAA record. But this requires updates to authoritative and recursive server logic.

TTL coordination with the record for the destination to be reached may be required.

Possible to associate with a service name in the SRV style, but easy to get silly states.