

Designated Mailers Protocol

Drawbacks Compared to Other Proposals

- More individual records in DNS zone
 - Wildcard DNS records help but are not required
 - More work for the domain administrator
 - Automated tools can reduce this impact
 - More work up front reduces network bandwidth and processing time
- No easy way to designate another domain's networks
 - Duplication of records for multiple domains
 - Extensions to DMP may address this at the cost of more DNS queries
- Overloads a DNS record type defined for other purposes
 - Again, existing documents (RFC 1464) support this usage
 - A new record type will not change the network usage or event path, so DMP could work with a new record type
 - Not all DNS servers transparently support undefined record types
- Arbitrarily defines a name space ("_smtp-client")
 - Special name space may not be required or may be changed
 - Underscores *are allowed* for non-hostname DNS records (ie: RFC 2782, DNS SRV) and avoid confusion with hostnames