

DMARC Reference Sheet

Below is a table listing each DMARC tag according to the specification RFC 7489, with columns for **Name**, **Presence**, **Type**, **Default value**, **Valid values**, and **Description**.

Name	Presence	Type	Default Value	Valid Values	Description
v	Required	string	<i>(none)</i>	DMARC1	Identifies the record as a DMARC record. Must appear first. If absent or not "DMARC1", the entire record is ignored.
p	Required ¹	string	<i>(none)</i>	none, quarantine, reject	Requested Mail Receiver policy. Applies to the domain queried. Required in a DMARC policy record (but not necessarily in third-party reporting records).
adkim	Optional	string	r	r, s	Indicates DKIM Identifier Alignment mode. r = relaxed, s = strict.
aspf	Optional	string	r	r, s	Indicates SPF Identifier Alignment mode. r = relaxed, s = strict.
fo	Optional	string (colon-separated list)	0	0, 1, d, s	Failure reporting options. Specifies conditions under which message-specific failure reports (if ruf is set) are generated.
pct	Optional	integer (0–100)	100	0 to 100	Percentage of messages subjected to DMARC policy. Useful for incremental rollout of the policy.
rf	Optional	string (colon-separated list)	afrf	afrf (others MAY be defined in registry)	Format(s) to be used for failure reports. For this version, only " afrf " (Auth Failure Reporting Format) is supported.
ri	Optional	32-bit unsigned integer	86400	0 to 4294967295	Interval (in seconds) between aggregate reports. Daily (86400 seconds) is default; other intervals are on a best-effort basis.
rua	Optional	list of URIs	<i>(none)</i>	Any valid URI	Addresses (URIs) for aggregate feedback reports. If absent, no aggregate reports are sent. At least " mailto: " URIs must be supported by receivers.
ruf	Optional	list of URIs	<i>(none)</i>	Any valid URI	Addresses (URIs) for message-specific failure reports. If absent, no failure reports are sent. At least " mailto: " URIs must be supported by receivers.
sp	Optional	string	<i>(same as p)</i>	none, quarantine, reject	Requested policy for subdomains. If absent, subdomains follow the p policy.

Notes:

- See also the FAQ.
- The **p** tag is **required only** for DMARC policy records (i.e., for the domain's actual policy), but not necessarily required in certain third-party or non-policy scenarios (see RFC details).
- The **v** tag must always appear first and must be "**DMARC1**"; otherwise, the record is ignored.
- If a field does not appear at all and has a "default value" listed, that default is assumed.

Examples:

- Minimal example: **v=DMARC1; p=reject**

¹(for a DMARC policy record)