

# SPF Record Construction

At the beginning of the record, `v=spf1` identifies this as an SPF record. At the end of the record, `-all` defines the policy. Dash - for hard-fail, tilde ~ for soft-fail. In between the identity and policy, each `include:` defines the server domain names that are authorized to send as this domain. Each `+ip4:` defines the IP addresses that are authorized to send as this domain.

## Example

```
v=spf1 +ip4:<IP Address> include:<FQDN> ~all
```

## Microsoft 365

```
v=spf1 include:spf.protection.outlook.com ~all
```

## Google Workspace

```
v=spf1 include:_spf.google.com ~all
```

Prefix	Type	Value	PrefixDesc	Description
	v	spf1		The SPF record version
+	include	spf.protection.outlook.com	Pass	The specified domain is searched for an 'allow'.
+	include	emailus.freshservice.com	Pass	The specified domain is searched for an 'allow'.

Prefix	Type	Value	PrefixDesc	Description
+	include	relay.mailchannels.net	Pass	The specified domain is searched for an 'allow'.
~	all		Fail	Always matches. It goes at the end of your record.

Further reading: [a great explanation of SPF](#).

# NEXT STEPS

Configure [DKIM](#) Signature

Configure [DMARC](#) Reports