

# SPF pointer usage for domains

Relaying pointers. SPF pointers are kept for being backwards compatible.

## Primary Configuration

For most of the domains, those rows should be used:

```
@ IN SPF "v=spf1 include:_spf.tornevall.net -all"  
@ IN TXT "v=spf1 include:_spf.tornevall.net -all"
```

This SPF limits relaying to our local servers. The former "-all" has been changed to "-all" to prevent softfails. If the sender is not the specified hosts defined by tornevall.net, you can safely reject the mail completely.

For [tornevall.se](https://tornevall.se) and hosts that needs external relays like telia, etc (country zone is se)

```
@ IN SPF "v=spf1 include:_spf.tornevall.se -all"  
@ IN TXT "v=spf1 include:_spf.tornevall.se -all"
```

This list of relays includes ISP-servers that may be required for sending mail outside our SMTP address range. If you really need other relays, contact [support@tornevall.net](mailto:support@tornevall.net) and tell. In that case, relays will be included at tornevall.se or similar.

## Ranges described

Divided into inclusions

```
_spf.tornevall.net IN TXT "v=spf1 include:_spfblockv4.tornevall.net include:_spfblockv6.tornevall.net include:  
_spfblockrelay.tornevall.net -all";
```

or

```
_spf.tornevall.se IN TXT "v=spf1 include:_spfblockv4.tornevall.net include:_spfblockv4.tornevall.net include:  
_spfblockrelay.tornevall.net include:_spfblocktelia.tornevall.net -all";
```

Categorized as

```
// Safe  
_spf4tblock IN TXT "v=spf1 ip4:194.71.111.240/28 ip4:88.80.19.161 ip4:194.71.111.243 ip4:212.63.209.62 ip4:  
212.63.208.0/26 ip4:194.71.111.244 ip4:10.1.1.0/24 -all"  
_spf6tblock IN TXT "v=spf1 ip6:2a01:299:a0::/48 ip6:2001:470:7ece::/48 -all"  
  
// Safe  
_spfblockrelay.tornevall.net IN TXT "v=spf1 ip4:185.9.166.80 ip6:2a01:298:f001::/48 a:webmail.tornevall.net a:  
smtp.tornevall.net a:tornevall.net a:i-s-vg-k-se-mailrelay1.tornevall.net -all"  
  
// Unsafe  
_spfblocktelia.tornevall.net IN TXT "v=spf1 ip4:81.236.60.128/26 ip4:81.236.60.192/28 include:_spf-a.telia.net  
include:_spf-b.telia.net include:_spf-c.telia.net include:_spf-2.telia.com -all"  
  
// Deprecated unsafe  
_spfblockteliaold IN TXT "v=spf1 ip4:81.236.60.192/27 ip4:62.20.233.140 ip4:81.236.60.0/24 a:v-smtpout2.han.  
skanova.net -all"
```