

# IP Address SANs in 6125-bis

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# Background

- During WGLC, Martin Thomson proposed adding support for IP Addresses.
- subjectAltName has a type for IP Addresses; call it IP-ID
- RFC 9110, section 4.3.5, has text about validation; rule is simple:

A reference identity of type IP-ID matches if the address is identical to an ipAddress value of the subjectAltName extension of the certificate.

- Not uncommon in HTTP, with IPAddr URL's; more mechanisms coming

# Issues

- Admittedly late, but it might make the draft more widely applicable.
- The simple wording change will have ripple effects.
- Seeking WG consensus one way or the other.

Initial PR: <https://github.com/richsalz/draft-ietf-uta-rfc6125bis/pull/54> (incomplete)

Initial issue: <https://github.com/richsalz/draft-ietf-uta-rfc6125bis/issues/53>

# Current text

- Current text, in "out of scope" section, says this:  
Identifiers such as IP address are not discussed.  
Protocols other than HTTP may want to consider  
{{HTTP-SEMANTICS, Section 4.3.5}} as a validation model