

| Prefix  | Description   |
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| <code>&lt;ip address&gt;.EQ(&lt;address&gt;)</code>       | Returns a Boolean TRUE if the IP address value is same as the <code>&lt;address&gt;</code> argument. The following example checks whether the client's destination IP address is equal to 10.100.10.100:<br><code>client.ip.dst.eq(10.100.10.100)</code>                              |
| <code>&lt;ip address&gt;.GET1. . .GET4</code>             | Returns a portion of an IP address as a numeric value. For example, if the IP address value is 10.100.200.1, the following is returned:<br><code>client.ip.src.get1</code> Returns 10;<br><code>client.ip.src.get2</code> returns 100;<br><code>client.ip.src.get3</code> returns 200 |
| <code>&lt;ip address&gt;.IN_SUBNET(&lt;subnet&gt;)</code> | Returns a Boolean TRUE if the <code>&lt;subnet&gt;</code> argument matches the subnet of the IP address value. For example, the following determines whether the client's destination IP address subnet is 10.100.10.100/18:<br><code>client.ip.dst.eq(10.100.10.100/18)</code>       |
| <code>&lt;ip address&gt;.SUBNET(&lt;n&gt;)</code>         | Returns the IP address after applying the subnet mask specified as the argument. The subnet mask can take values between 0 and 32. For example:<br><code>`CLIENT.IP.SRC.SUBNET(24)</code> returns 192.168.1.0 if the IP address represented by the prefix is 192.168.1.[0-255]        |
| <code>&lt;ip address&gt;.IS_IPV6</code>                   | Returns a Boolean TRUE if this is an Internet Protocol version 6 (IPv6) host for the client or server. Following is an example:<br><code>client.ip.src.is_ipv6</code>   |
| <code>&lt;ip address&gt;.MATCHES(&lt;hostname&gt;)</code> | Returns a Boolean TRUE if the IP address for the host specified in <code>&lt;hostname&gt;</code> matches the current IP address. The <code>&lt;hostname&gt;</code> cannot exceed 255 characters.  |

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| <pre>&lt;ip address&gt;.MATCHES_LOCATION<br/>&lt;location&gt;)</pre> | <p>Returns a Boolean TRUE if the location of the IP address matches the &lt;location&gt; argument. The Location string can take the following form: qual1.qual2.qual3.qual4.qual5.qual6, for example: NorthAmerica.CA.*</p> <p>Following is an example:</p> <pre>client.ip.src.matches_location<br/>\"Europe.GB.17.London.*.*\"</pre> |
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