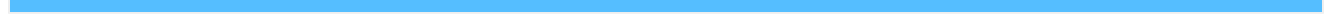




DataScript: avi.pool.select

Avi Technical Reference (v17.1)

Copyright © 2018



DataScript: avi.pool.select

[view online](#)

Function `avi.pool.select(pool [, server [, port]])`

Description Selects a pool or a specific server within a pool for the current request. The selection does not take effect if an HTTP request policy was also configured with a switching action to select a pool or a specific server in a pool. The switching action of the HTTP request policy takes [precedence](#) over the DataScript's pool selection.

Events HTTP_REQ

pool can be a specific pool name or an expression that evaluates to a valid pool name.

Parameter The optional *server* parameter (a string) is the IP address of the server, in quotes. Starting with release 17.2.4, a server name may be supplied.

The optional *port* parameter (an integer) forwards the connection to a specific service port of the server. The port must be a number between 0 and 65536, or an expression that evaluates to a valid port number.

The pool name, server name or IP, and the server port may be called explicitly, or dynamically determined based on a Lua expression. If the pool name, server, or server port do not exist or are not able to be referenced by the virtual service, an error is generated.

Caveats

- *Explicit* reference: A configuration error will be generated while saving the DataScript.
- *Dynamically* generated reference: A runtime error is generated, which results in a 500 error return to the client.

Returns No value returned

Related [avi.poolgroup.select\(\)](#) Selects a pool group for the current request.

Forward the request to an explicit destination.

Example 1

```
if avi.http.get_path() == "/sales/" then
    avi.pool.select("sales-pool")
elseif avi.http.get_path () == "/engineering/" then
    avi.pool.select("engineering-pool", "apache1")
elseif avi.http.get_path () == "/marketing/" then
    avi.pool.select("marketing", "10.10.31.201")
end
```

Forward the request to a dynamically generated destination.
[www.avi.com/support/index.htm](#) would go to the support pool
[www.avi.com/sales/apac/index.htm](#) would go to the sales pool

Example 2

```
avi.pool.select(avi.http.get_path_tokens(1, 1))
```

Forward the request to a named server.

Example 3

```
var = "abcd"
avi.pool.select("poolx", var)
```