Launching the Camelot Server

The command syntax to launch Camelot from a command shell is:

> camserv [-v] [-vp] [-logdir] [-upm -sp -ep] [-license] [-rb]

The *-v* option returns the current version of the server. The *-vp* option enables specification of the listening port for TCP/IP connections from Camelot clients. If omitted, the OS will pick an available port and display its choice on the console. The port of interest is displayed at the end of the string, *VAPI server listening on host 0.0.0.0, port **X***. Make a note of this port as it must be provided along with the server's IP address when creating an endpoint.

The *-logdir* option allows overriding the default execution log directory (the specified path must exist).

The -rb parameter is optional and it allows overriding of the default number of media receive buffers '30' to a specified value ranging between 120 to 30. It is recommended to set higher number of buffers as high as '120' for packet intensive operations like binary prompt detection, otherwise this parameter need not be changed.

After the server has launched, it presents a Tcl shell prompt. No more interaction with the server console is required.

Notes:

No license is required still to use this sprint drop

Compatible VAPI-EI version is still required to communicate with Camelot server

Installation exports CAMELOT_LIB and CAMELOT_LOGS environment variables to point to below paths. Logs folder can be changed by passing --logdir argument to camelot server. Otherwise, following default path will be used

CAMELOT_LIB=/usr/local/camelot/lib

CAMELOT_LOGS=/var/camelot/logs

Following command line options should be given to camserv to enable UDPPortsManager and to use a specific port range for RTP streams.

-upm puts UDPPortsManager in active mode
-sp gives the starting port of RTP port range. This should be greater than or equal to first value of ReservedPorts in Windows registry. If --upm option is specified and start port option is omitted then first value of ReservedPorts in Windows registry will be taken as start port.
-ep gives the ending port of RTP port range. This should be less than or equal to second value of ReservedPorts in Windows registry. If --upm option is specified and end port option is omitted then second value of ReservedPorts in Windows registry will be taken as end port.

-rtcp this (optional) option forces the binding to odd ports so that RTCP can use the UDPPortsManager. If this option is not specified, RTCP will not run even if the endpoint configuration enables this protocol.

-tp option allows overriding the default token directory (the specified path must exist).

-format gives the output in json format.

example to use UDP ports manager without RTCP:

*camserv -vp 5000 --**upm --sp** 16384 **-ep** 32766*

example to use UDP ports manager with RTCP:

*camserv -vp 5000 **--upm --sp** 16384 **-ep** 32767 **-rtcp***

RTCP uses the next higher odd port (RTP port + 1) and so it is recommended to specify a range starting with an even port number and ending with an odd port number for Camelot to use all the ports in the given range.