**VPP HOSTSTACK**



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***\* Release note \****

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**I. Introduction**

1.1 description

VPP’s host stack is a user space implementation of a number of transport, session and application layer protocols that leverage VPP’s existing protocol stack.

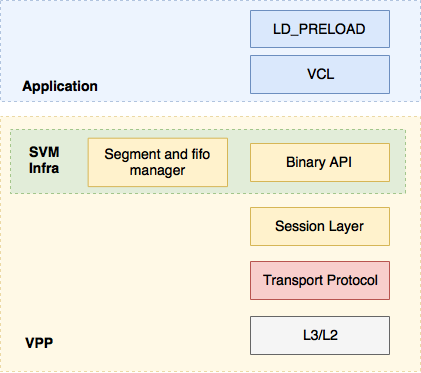


Figure 1 VPP HostStack architecture

four major components:

* Session Layer that accepts pluggable transport protocols.
* Shared memory mechanisms for pushing data between VPP and applications.
* Transport protocol implementations (eg. TCP, SCTP, UDP).
* Commons Library (VCL) and LD\_PRELOAD library.