

LSM/SeLinux secid

flowi structure:

The secid member in the flow structure is used in LSMs (e.g. SELinux) to indicate the label of the flow. This label of the flow is currently used in selecting matching labeled xfrm(s).

If this is an outbound flow, the label is derived from the socket, if any, or the incoming packet this flow is being generated as a response to (e.g. tcp resets, timewait ack, etc.). It is also conceivable that the label could be derived from other sources such as process context, device, etc., in special cases, as may be appropriate.

If this is an inbound flow, the label is derived from the IPSec security associations, if any, used by the packet.