

[PATCH] fix up security_socket_getpeersec_* documentation

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2006-03/msg09559.html>

- *From:* "Serge E. Hallyn" <serue@xxxxxxxxxx>
 - *Date:* Tue, 28 Mar 2006 07:02:53 -0600
-

Update the security_socket_peersec documentation in include/linux/security.h. security_socket_peersec has been split into two functions – _stream and _dgram, with new capabilities.

Signed-off-by: Serge Hallyn <serue@xxxxxxxxxx>

```
--- a/include/linux/security.h
+++ b/include/linux/security.h
@@ -782,9 +782,11 @@ struct swap_info_struct;
* incoming sk_buff @skb has been associated with a particular socket, @sk.
* @sk contains the sock (not socket) associated with the incoming sk_buff.
* @skb contains the incoming network data.
- * @socket_getpeersec:
+ * @socket_getpeersec_stream:
* This hook allows the security module to provide peer socket security
- * state to userspace via getsockopt SO_GETPEERSEC.
+ * state for unix or connected tcp sockets to userspace via getsockopt
+ * SO_GETPEERSEC. For tcp sockets this can be meaningful if the
+ * socket is associated with an ipsec SA.
* @sock is the local socket.
* @optval userspace memory where the security state is to be copied.
* @optlen userspace int where the module should copy the actual length
@@ -793,6 +795,17 @@ struct swap_info_struct;
* by the caller.
* Return 0 if all is well, otherwise, typical getsockopt return
* values.
+ * @socket_getpeersec_dgram:
+ * This hook allows the security module to provide peer socket security
+ * state for udp sockets on a per-packet basis to userspace via
+ * getsockopt SO_GETPEERSEC. The application must first have indicated
+ * the IP_PASSSEC option via getsockopt. It can then retrieve the
+ * security state returned by this hook for a packet via the SCM_SECURITY
+ * ancillary message type.
+ * @skb is the skbuff for the packet being queried
+ * @secdata is a pointer to a buffer in which to copy the security data
+ * @seclen is the maximum length for @secdata
+ * Return 0 on success, error on failure.
* @sk_alloc_security:
```

[PATCH] fix up security_socket_getpeersec_* documentation

- * Allocate and attach a security structure to the sk->sk_security field,
- * which is used to copy security attributes between local stream sockets.

—

To unsubscribe from this list: send the line "unsubscribe linux-kernel" in the body of a message to majordomo@xxxxxxxxxxxxxxxx

More majordomo info at <http://vger.kernel.org/majordomo-info.html>

Please read the FAQ at <http://www.tux.org/lkml/>