

Re: [fw-wiz] FW and TCP Sessions

Source: <http://www.derkeiler.com/Mailing-Lists/Firewall-Wizards/2004-06/0014.html>

From: cs 2004 (*cskb2004_at_yahoo.com*)

Date: 06/01/04

To: firewall-wizards@honor.icsalabs.com

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Manoj,

That indeed was an interesting observation and I think you are right.

Stateful firewalls maintain a stateful session flow table when a client initiates a request, which contains source, destination addresses, TCP sequencing information, Port numbers and additional TCP flags for each connection pertaining to that host and creates a connection object in the firewall.

All inbound packets are then compared against the session flows in the connection table to validate the passage. This connection object is dropped upon termination of the session. Typically connection object is hashed on the firewall.

--Chandan

--- Manoj Kumar Neelapareddy

<manojkreddyutl@yahoo.com> wrote:

> *Hi,*
>
> *if a FW is said to be a stateful firewall, then will*
> *it allow a TCP packet to pass through it(outbound),*
> *if*
> *i haven't sent a TCP SYN to initiate a TCP Session*
> *before sending this TCP packet?*
>
> *I heard that Statefull firewall won't allow any TCP*
> *packets, other than TCP SYNs to pass through it, if*
> *there is no session corresponding a TCP packet is*
> *maintained in FW's session table.*
>
> *and FW will create a new session only when it*
> *detects*

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> *a TCP SYN.*
>
> *is this correct?*
>
> *comments plz.*
>
> *thank u*
> *Manoj*
>
>
>
>
>
> _____
> *Do you Yahoo!?*
> *Friends. Fun. Try the all-new Yahoo! Messenger.*
> <http://messenger.yahoo.com/>
> _____
> *firewall-wizards mailing list*
> *firewall-wizards@honor.icsalabs.com*
>
<http://honor.icsalabs.com/mailman/listinfo/firewall-wizards>

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