Team: Wide Area Application Services : What are the different TFO Connection Types?

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Question

What are the different connection types and what do they mean?

Answer

The following table lists the most common connection types and a brief description:

Conn Type	Description
PT App Cfg	The policy action for this application is configured as pass-through in the ATP.
PT Dst Cfg	The policy action for this application is configured as pass-through in the peer WAE ATP.
PT_Glb Cfg	The global action is configured as pass-through (i.e. TFO, DRE, or LZ are disabled globally on the WAE.
PT Overload	The TFO application has indicated it is overloaded (i.e. the maximum number of optimized connections has been exceeded). New connections not handled by an Application Optimizer (ex: WAFS) are configured as pass-through.
PT In Progress	The connection was already established when the first packet was seen by the WAE.
PT PE Int Error	The connection encountered an internal error during processing by the Policy Engine.
Accelerator Optimized	The connection has been initiated from an internal client to an external server
Accelerator Non-Optimized	The connection has been initiated from an external client to an external server
App Dyn Mtch Optimized	The connection has been forced via an application dynamic match to be accounted for an optimized, even though the connection may be handled as pass-through.
App Dyn Mtch Non-Optimized	The connection has been forced via an application dynamic match to be accounted for an non-optimized, even though the connection may be optimized by TFO+DRE+LZ.
PT No Peer	The connection is pass-through due to no peer WAE being found during TFO auto-discovery.
PT Rjct Capabilities	The connection is pass-through due to the peer WAE being found to not have the required capabilities during TFO auto-discovery.

PT Rjct Resources	The connection is pass-through due to the peer WAE being found to not have the required resources during TFO auto-discovery.
PT Asym Client	The connection is pass-through due to the WAE only seeing one side of the TCP connection (where the src is the client and the dst is the server).
PT Asym Server	The connection is pass-through due to the WAE only seeing one side of the TCP connection (where the dst is the client and the src is the server).
PT Intermediate	The connection is pass-through due to the WAE being an in the middle of the best local and remote WAE's (relative to the client and server).
PT FB Int Error	The connection encoutered an internal error during processing by the filter bypass module.
PT AD Int Error	The connection encoutered an internal error during processing by the TFO auto-discovery syncache.
PT App Override	The connection is pass-through because the internal application has explicitly requested that the connection not be optimized. This state would only occur would have otherwise been optimized.
PT Server Blacklist	The connection is pass-through because the server is on the TFO blacklist as not supporting TCP Option (0x21) being present in the SYN packet.