

IPv4

- IP ID Randomization
 - Exclude Fragments
 - Others ... Randomize and Clear Outgoing "DF"
- TTL Standardized
 - Exclude ICMP Echo Requests and Routing Protocols (RIP, BGP)
 - Others ... Accounting for Hops Already Traveled
 - Recalibrate for Maximum Allowed
- ToS Cleared
- ECN Cleared

IPv6

- Hop Limit Standardized
 - Exclude ICMP Echo Requests and Routing Protocols (RIP, BGP)
 - Others ... Accounting for Hops Already Traveled
 - Recalibrate for Maximum Allowed
- Traffic Class Cleared

TCP

- Discard Aberrant Flag Combinations (*Enforce Strict "RFC" for all TCP flag combinations*)
 - "Null"
 - "Christmas Tree"
 - SYN, FIN, ACK
 - Etc ...
- TCP Option Standardization
 - Parameters – MSS, Window, SACK, and MD5 Only
 - Values - Original
 - Order – MSS, Window, SACK, and MD5 (if present)
 - Padding – NOP till the end of original length
- URG Flag and URG Pointer Cleared