Teardrop and its followers are fragment overlap attack. Many IP stacks have shown erratic behavior (excessive resource exhaustion or crashes) when exposed to overlapping fragments.

[Solution]

By defeault settings of Netdefend Firewall below, it protects fully against fragmentation overlap attacks. Overlapping fragments are never allowed to pass through the firewall.

General			
🛂 General	1		
Pseudo Reass: Max Concurrent:	10240		Maximum number of concurrent fragment reassemblies. Set to 0 to drop all fragment
Illegal Fragments:	DropLog	~	Illegaly constructed fragments; partial overlaps, bad sizes, etc.
Duplicated Fragment Data:	Check8	~	On receipt of duplicate fragments, verify matching data
Failed Fragment Reassembly:	LogSuspectSubseq	~	Failed packet reassembly attempts - due to timeouts or packet losses.
Dropped Fragments:	LogSuspect	~	Fragments of packets dropped due to rule base.
Duplicate Fragments:	LogSuspect	~	Duplicate fragments received.
Fragmented ICMP:	DropLog	~	Fragmented ICMP messages other than Ping; normally invalid.
Minimum Fragment Length:	8		Minimum allowed length of non-last fragments.
Reassembly Timeout:	65		Timeout of a reassembly, since previous received fragment.
Maximum Reassembly Time Limit:	90		Maximum lifetime of a reassembly, since first received fragment.
Reassembly Done Limit:	20		How long to remember a completed reassembly (watching for old dups).
Reassembly Illegal Limit:	60		How long to remember an illegal reassembly (watching for more fragments).

Teardrop and its followers will show up in Netdefend Firewall logs as drops with the rule name set to "IllegalFrags". The sender IP address may be spoofed.