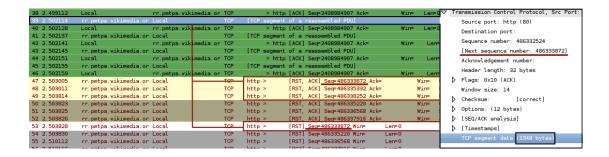
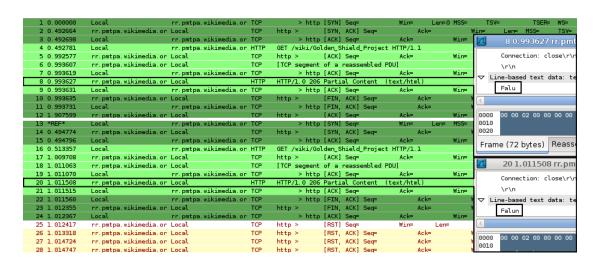
```
-- gfw protocol
do
 ip id f = Field.new("ip.id");
 ip df f = Field.new("ip.flags.df");
 tcp win f = Field.new("tcp.window size");
 gfw proto = Proto("gfw", "GFW Postdissector")
 type F = ProtoField.uint8("gfw.type", "Type")
 gfw_proto.fields = { type_F }
 function gfw proto.dissector(buffer, pinfo, tree)
   local ip id = ip id f()
   local tcp win = tcp win f()
   local ip df = ip df f()
   local ip_id = tonumber(tostring(_ip_id))
   local tcp win = tonumber(tostring( tcp win))
   local ip df = tonumber(tostring( ip df))
   if (tcp win \sim= nil) and (ip id \sim= nil) and (ip df \sim= nil) then
     local type1, type2
     if (ip id == 64) and (tcp win % 17 == 0) and (ip df == 0) then
       type1 = true
     end
     local id = 65535 - tcp win * 13;
     if id < 0 then id = id + 65536 end
     if (id == ip id) and ip df then
      type2 = true
     end
     if type1 or type2 then
       local subtree = tree:add(gfw proto, "GFW Protocol Info")
       if type1 then subtree:add(type F, 1)
       else subtree:add(type F, 2) end
     end
   end
 end
 register postdissector(gfw_proto)
end
```

1 0.000000		64. 233. 189. 104		> ht	tp [SYN] Seq=	Win= L	en= MSS= T	SV= TSER
2 0.225601	64. 233. 189. 104	Local	TCP	http >	[SYN, ACK] Seq=	Ack=	Win=	Len=0 MSS=
3 0.225633	Local	64. 233. 189. 104	TCP	> ht	tp [ACK] Seq=	Ack=	Win= Len=	TSV= T
4 0.225836	Local	64. 233. 189. 104	HTTP	GET /searc	:h?q= HTTP/1.0			
5 0.312433	64, 233, 189, 104	Local	TCP	http >	[RST] Seq=	Win= L	en=0	
6 0.374954	64. 233. 189. 104	Local	TCP	http >	[RST, ACK] Seq=	Ack=0	Win= Len=0	
7 0.374966	64. 233. 189. 104	Local	TCP	http >	[RST, ACK] Seq=	Ack=0	Win= Len=0	
8 0.374970	64. 233. 189. 104	Local	TCP	http >	[RST, ACK] Seq=	Ack=0	Win= Len=0	
9 0.404289	64, 233, 189, 104	Local	TCP	http >	[ACK] Seq=	Ack=	Win= Len	= TSV=
10 0 404318	Local	64 233 189 104	TCP	> ht	to [RST] Sec=	Win=0 Len=	0	





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	7 0.004238	Local	nsl.google.com	DNS	Standard query A www.youtube.com
	8 0.008975	nsl.google.com	Local	DNS	Standard query response A 216.234.179.13
	9 0.011528	nsl.google.com	Local	DNS	Standard query response A 64.33.88.161
	10 0.011538	nsl.google.com	Local	DNS	Standard query response A 64.33.88.161
	11 0.011542	nsl.google.com	Local	DNS	Standard query response A 64.33.88.161
	12 0.011913	Local	nsl.google.com	DNS	Standard query AAAA www.youtube.com
	13 0.017074	nsl.google.com	Local	DNS	Standard query response A 64.33.88.161
	14 0.017236	Local	nsl.google.com	DNS	Standard query MX www.youtube.com
	15 0.018822	nsl.google.com	Local	DNS	Standard query response AAAA[Malformed Packet]
	16 0.018843	nsl.google.com	Local	DNS	Standard query response AAAA[Malformed Packet]
	17 0.018851	nsl.google.com	Local	DNS	Standard query response AAAA[Malformed Packet]
	18 0.023061	nsl.google.com	Local	DNS	Standard query response A 4.36.66.178
	19 0.023637	nsl.google.com	Local	DNS	Standard query response MX[Malformed Packet]
	20 0.023657	nsl.google.com	Local	DNS	Standard query response MX[Malformed Packet]
	21 0.023664	nsl.google.com	Local	DNS	Standard query response MX[Malformed Packet]
	22 0.169599	nsl.google.com	Local	DNS	Standard query response CNAME youtube-ui.l.googl
	23 0.177338	nsl.google.com	Local	DNS	Standard query response CNAME youtube-ui.l.googl
	24 0.183692	nsl.google.com	Local	DNS	Standard query response CNAME youtube-ui.l.googl