

SIP

I. UA

1. UA – UA

1		
2		
3	SDP Capability	OPTIONS
4		re-INVITE (Modifying an Existing Session)
5	Extensions	REFER

2. UA – Proxy – UA

1		
2		
3	Proxy	
4		
5		
6		
7		Record-Route
8		Redirect
9	SDP Capability	OPTIONS
10		re-INVITE (Modifying an Existing Session)

3. UA

1		TCP/UDP/TLS
2		(G.711, G.723.1, G.729a)
3		Auto negotiation
4	DTMF	Out-of-band/In-band
5	FAX	FAX Tone FAX

II. Proxy

1. UA – Proxy – UA

1		
2		
3	Proxy	
4		
5		
6		
7		Record - Route
8		Forking
9	Forking	
10	Redirect	
11	SDP Capability	OPTIONS
12		re-INVITE (Modifying an Existing Session)

2. Proxy – Proxy

1	Proxy	
2		
3		Multiple Authentication

3. Proxy

1	Proxy	Loop detection
2		Transport (UDP, TCP, TLS) Conversion