

Number	Mandatory	Description	Consensus	Type
1	M	802.17b shall define a sublayer optional to the 802.17 base MAC providing spatial reuse for non local unicast traffic between clients (bridges or hosts) of 802.17b MACs.	U	F
2		All operations shall be in line with the currently defined standard for 802.1D/Q.	U	P
3		The 802.17b standard shall be defined such that it does not obsolete compliant 802.17-2004 MAC implementations.	U	P
4		The 802.17b standard shall be defined such that it causes minimal functional / document changes to the existing normative clauses of the 802.17 standard		P
5		The 802.17b standard shall be defined such that it allows operation of both split line-card interfaces and single linecard interfaces		F
6	O	802.17b standard shall support static entries in the SDB to allow scoping of multicast transmissions onto the media		F
7	O	802.17b standard shall support intelligent pruning of the SDB during topology changes		F
8	M	802.17b standard shall support a method for the client to invoke complete pruning of the SDB		F
9	O	802.17b standard shall support a method for the client to invoke partial pruning of the SDB		F
10	M	802.17b standard shall not cause frame reordering or duplication of strict order frames		F
11	M	802.17b standard shall not cause frame reordering or duplication of relaxed frames during stable operation but may do so during topology changes		F
12	M	802.17b shall support independent VLAN learning (IVL) within SAS		F
13	O	802.17b shall support shared VLAN learning (SVL) within SAS		F
14	M	802.17b MAC must be able to operate on a ring with 802.17-2004 MACs without causing any degradation in the functionality received or offered by the 802.17-2004 MACs		P
15	M	802.17b shall obsolete and remove the "4 MAC address" interface supported by the MA_DATA.request primitive offered by 802.17-2004		P
16	M	802.17b shall support the "4 MAC address" interface supported by the MA_DATA.request primitive in 802.17-2004 by "bypassing" the SAS functionality if the client provides all four addresses.		P

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17	M	SAS shall not prevent frames where the MAC client sets extended DA/SA in the current 802.17 unitdata.request message from being transmitted on the ring.		P
18	M	802.17b shall support Link-Sec being enabled as part of the MAC client when 802.17b is not VLAN aware		P
19	O	802.17b shall support Link-Sec being enabled as part of the MAC client when 802.17b is VLAN aware		