

	NEW	REGISTERING	REGISTERED	REGISTER_FAIL	RELEASED
rib insert	logically IMPOSSIBLE	logically IMPOSSIBLE	logically IMPOSSIBLE	logically IMPOSSIBLE	-> NEW
rib erase	-> RELEASED	-> RELEASED	-> RELEASED	-> RELEASED	logically IMPOSSIBLE
			do unregistration cancel refresh timer	cancel retry timer	
hub connect	-> REGISTERING	logically IMPOSSIBLE	logically IMPOSSIBLE	logically IMPOSSIBLE	RELEASED
	do registration				
hub disconnect	logically IMPOSSIBLE	-> NEW	-> NEW	-> NEW	RELEASED
register succeed	logically IMPOSSIBLE	-> REGISTERED	logically IMPOSSIBLE	logically IMPOSSIBLE	RELEASED
		set refresh timer			do unregistration
register fail	logically IMPOSSIBLE	-> REGISTER_FAIL	logically IMPOSSIBLE	logically IMPOSSIBLE	RELEASED
		set retry timer			
unregister succeed	logically IMPOSSIBLE	REGISTERING	-> REGISTERING	REGISTER_FAIL	RELEASED
		do registration	do registration		
unregister fail	logically IMPOSSIBLE	REGISTERING	REGISTERED	REGISTER_FAIL	RELEASED
refresh timer	logically IMPOSSIBLE	logically IMPOSSIBLE	-> REGISTERING	logically IMPOSSIBLE	logically IMPOSSIBLE
			do registration		
retry timer	logically IMPOSSIBLE	logically IMPOSSIBLE	logically IMPOSSIBLE	-> REGISTERING	logically IMPOSSIBLE
				do registration	