S132 SoftDevice v5.0.0

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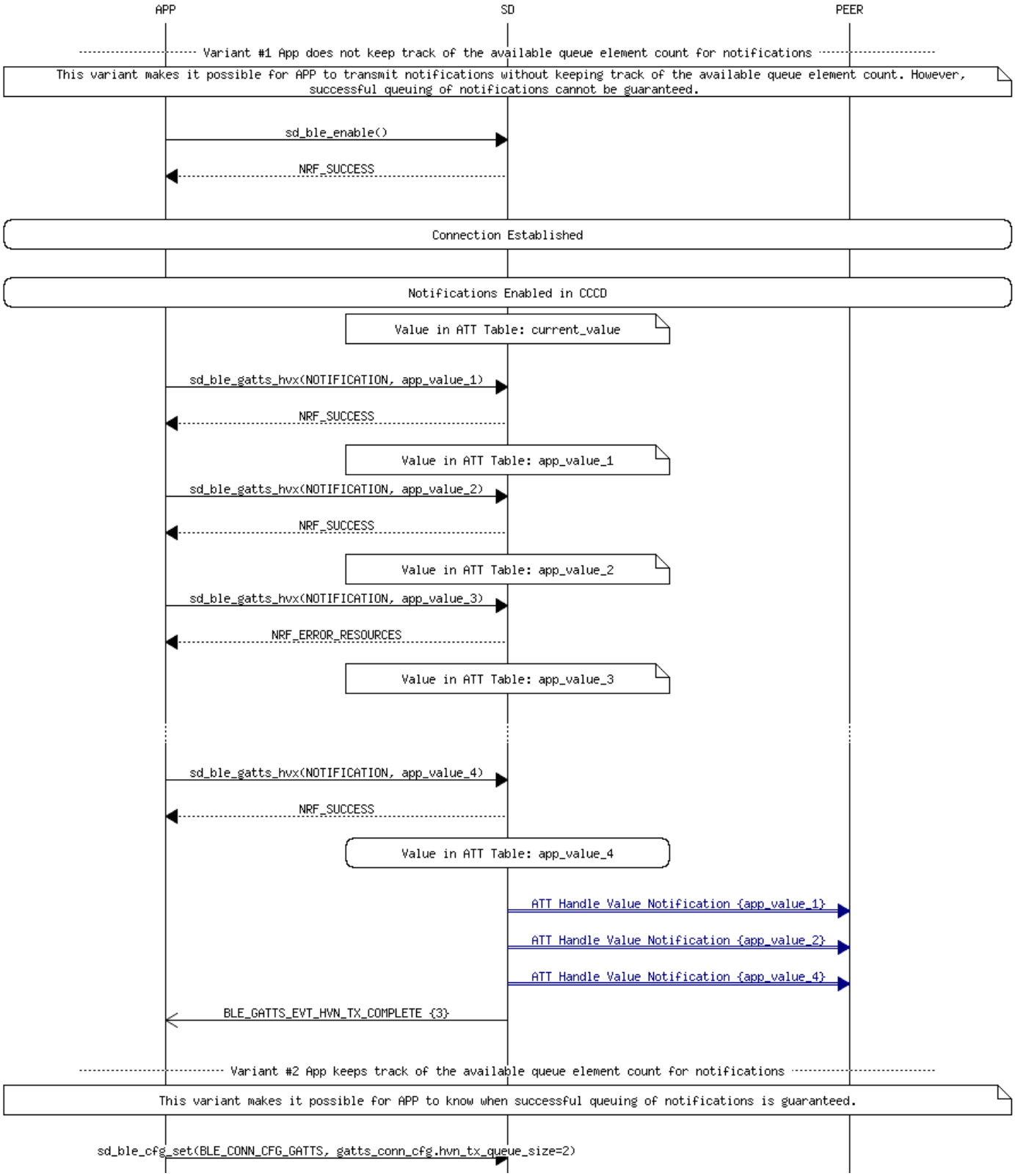
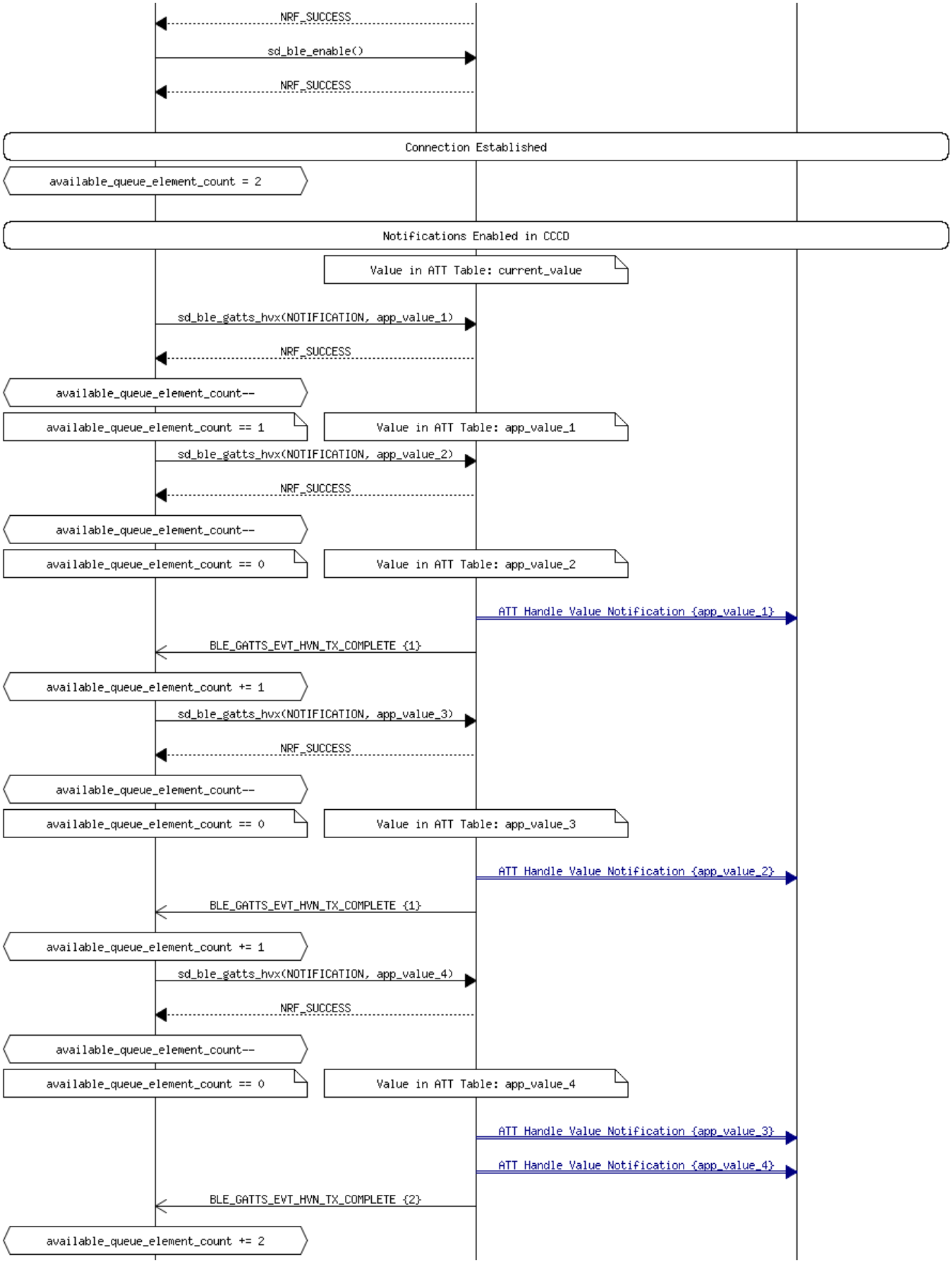
<https://infocenter.nordicsemi.com/topic/com.nordic.infocenter.s132.api.v5.0.0/group___b_l_e___g_a_t_t_s___h_v_n___m_s_c.html>

GATTS Handle Value Notification

Message Sequence Charts




NRF_SUCCESS
sd_ble_enable()
NRF_SUCCESS
Connection Established
available_queue_element_count = 2
Notifications Enabled in CCCD
Value in ATT Table: current_value
sd_ble_gatts_hvx(NOTIFICATION, app_value_1)
NRF_SUCCESS
available_queue_element_count--
available_queue_element_count == 1
Value in ATT Table: app_value_1
sd_ble_gatts_hvx(NOTIFICATION, app_value_2)
NRF_SUCCESS
available_queue_element_count--
available_queue_element_count == 0
Value in ATT Table: app_value_2
ATT Handle Value Notification {app_value_1}
BLE_GATTS_EVT_HVN_TX_COMPLETE {1}
available_queue_element_count += 1
sd_ble_gatts_hvx(NOTIFICATION, app_value_3)
NRF_SUCCESS
available_queue_element_count--
available_queue_element_count == 0
Value in ATT Table: app_value_3
ATT Handle Value Notification {app_value_2}
BLE_GATTS_EVT_HVN_TX_COMPLETE {1}
available_queue_element_count += 1
sd_ble_gatts_hvx(NOTIFICATION, app_value_4)
NRF_SUCCESS
available_queue_element_count--
available_queue_element_count == 0
Value in ATT Table: app_value_4
ATT Handle Value Notification {app_value_3}
ATT Handle Value Notification {app_value_4}
BLE_GATTS_EVT_HVN_TX_COMPLETE {2}
available_queue_element_count += 2

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