

OCF “Dubai” – BLE Error Translation – Core Technology WG CR 2580

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31 **8.2.3.8 Error handling**

32 If a BLE operation fails, the Bridging Function sends an appropriate OCF error response to the OCF
 33 Client. It constructs an appropriate OCF error message (e.g., diagnostic payload if using CoAP) from
 34 the BLE error name and error code (if any), using the form "<error name>: <error message>", with
 35 the <error name> taken from the ATT error code field and the <error message> taken from the ATT
 36 error name, and the error code for the OCF network set to mapping in Table 9.

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Table 9 BLE Error Code Translation

ATT Error Name	Error Code	HTTP Status Code	Error Description	
Invalid Handle	0x01	400	Bad Request	Client Error
Read Not Permitted	0x02	405	Method Not Allowed	
Write Not Permitted	0x03	405	Method Not Allowed	
Invalid PDU	0x04	400	Bad Request	
Insufficient Authentication	0x05	401	Unauthorized	
Request Not Supported	0x06	501	Not Implemented	Server Error
Invalid Offset	0x07	400	Bad Request	Client Error
Insufficient Authorization	0x08	403	Forbidden	
Prepare Queue Full	0x09	400	Bad Request	
Attribute Not Found	0x0A	404	Not Found	
Attribute Not Long	0x0B	400	Bad Request	
Insufficient Encryption Key Size	0x0C	400	Bad Request	
Invalid Attribute Value Length	0x0D	400	Bad Request	
Unlikely Error	0x0E	400	Bad Request	
Insufficient Encryption	0x0F	400	Bad Request	
Unsupported Group Type	0x10	400	Bad Request	
Insufficient Resources	0x11	400	Bad Request	
Reserved	0x012 – 0x7F			
Application Error	0x80-0x9F	400	Bad Request	Client Error
Reserved	0xA0 – 0xDF			
Common Profile and Service Error Codes	0xE0 – 0xFF	400	Bad Request	Client Error

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