## 6.2.4    Result Code

The result code of the operation MUST be sent as an integer value in the Data element of the GenericAlert [DMPRO] message.  The ResultCode MUST be one of the values defined below:

**Table 2:  Result Code**

| Result Code | Meaning | Usage |
|---|---|---|
| 200 | Successful | Successful – The Request has Succeeded |
| 250 -299 | Successful – Vendor Specified | Successful Operation with Vendor Specified ResultCode |
| 400 | Management Client Error | Management Client error – based on User or Device behavior |
| 401 | User Cancelled | User chose not to accept the operation when prompted |
| 402 | Corrupted Firmware Update Package | Corrupted firmware update package, did not store correctly. Detected, for example, by mismatched CRCs between actual and expected. |
| 403 | Firmware Update Package – Device Mismatch | Wrong Firmware Update Package delivered to device based on current device characteristics |
| 404 | Failed Firmware Update Package Validation | Failure to positively validate digital signature of firmware update package |
| 405 | Firmware Update Package Not Acceptable | Firmware Update Package is Not Acceptable |
| 406 | Alternate Download Authentication Failure | Authentication was Required but Authentication Failure was encountered when downloading Firmware Update Package |
| 407 | Alternate Download  Request Time-Out | Client has encountered a time-out when downloading Firmware Update Package |
| 408 | Not Implemented | The device does not support the requested operation. |
| 409 | Undefined Error | Indicates failure not defined by any other error code |
| 410 | Firmware Update Failed | Firmware Update operation failed in device |
| 411 | Malformed or Bad URL | The URL provided for alternate download is bad |
| 412 | Alternate Download Server Unavailable | The Alternate Download Server is Unavailable or Does not Respond |
| 450 -499 | Client Error  – Vendor Specified | Client Error encountered for Operation with Vendor Specified ResultCode |
| 500 | Alternate Download Server Error | Alternate Download Server Error Encountered |
| 501 | Download fails due to device is out of memory | The download fails due insufficient memory in the device to save the firmware update package. |
| 502 | Firmware update fails due to device out of memory | The update fails because there isn't sufficient memory to update the device. |
| 503 | Download fails due to network issues | The download fails due to network/transport level errors |
| 550 -599 | Alternate Download Server Error – Vendor Specified | Alternate Download Server Error encountered for Operation with Vendor Specified ResultCode |