ULINK TCG/I1667 - OPAL Test Result

Script REV 9.0 (License ULINK)

Tested by ULINK DriveMaster Enterprise (NVMEDRV+NET) (x64) Version 9.1.1700 (6

2   1 ACR)

HBA NAME: WDC(N)

BUS=5 DEV=0 FUNC=0   VID=15B7 I NVME 1.3.0

Model Number:

SANDISK A750 SDAPNTY-1T00-1006

Serial Number:

1.84439E+11

FW Revision:

AO028M2P

Start Date: Fri

October 14   2022

Time: 05:12:33 PM

Total LBA:

2000409264 (0x773BD2B0)

Capacity:

1024 G

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Check PSID support	PASS
Start Session - AdminSP	PASS
Sync Session - AdminSP	PASS
Next Request - Authority table	PASS
Next Response - Authority table	PASS
Check the PSID support	PASS
End Session - Request	PASS
End Session - Response	PASS
Revert LockingSP	PASS
Start Session with HostChallenge - AdminSP	PASS
Sync Session - AdminSP	PASS
LockingSP.Revert - Request	PASS
LockingSP.Revert - Response	PASS
End Session - Request	PASS
End Session - Response	PASS

** Opal v1.00 - I1667 Test Cases **

A0: Identify Device	N/A

(A0-1-1-1-1) Word 48: Identify Device: bit 0 of word 48 shall be set to 1   N/A

(A0-1-1-1-2) Word 119: Identify Device: bit 6 of word 119 = 1 - TPer supports Sense Data Reporting   N/A

A1: Test Trusted Send/Receive cases	PASS
(A1-1-1-1-1) XferLength: Trusted Send with SP=00h; Spcf=ComID; Xfer=00h: Abort	PASS
(A1-1-1-1-1) XferLength: Trusted Send with SP=01h; Spcf=ComID; Xfer=00h: Abort	N/A
(A1-1-1-1-2) XferLength: Trusted Send with SP=01h; Spcf=ComID; Xfer>MaxComPacketSize: Abort	PASS
(A1-1-3-1-3) Spcf: Trusted Send with SP=01h; Spcf=ComID; Xfer=01h NOT in awaiting IF_Send: Abort	PASS
(A1-1-3-1-4) Spcf: Trusted Send with SP=01h; Spcf=Inactive ComID; Xfer=01h in IF_Send: Pass or Abort	PASS
(A1-1-3-1-5) Spcf: Trusted Send with SP=01h; Spcf=Unsupported ComID(0-0FFFh); Xfer=01h: Abort	PASS
(A1-2-1-1-1) XferLength: Trusted Receive with SP=01h; Spcf=ComID; Xfer=00h: Abort	N/A
(A1-2-3-2-2) Spcf: Trusted Receive with SP=01h; Spcf=Inactive ComID; Xfer=01h: Pass or Abort	PASS
(A1-2-3-2-3) Spcf: Trusted Receive with SP=01h; Spcf=Unsupported ComID(0-0FFFh); Xfer=01h: Abort	PASS

A2: Test Protocol ID = 0 related cases	PASS
(A2-1-1-1-2) Spcf=0 DataXfer: TCG-Receive with SP=00h; Spcf=00h; Xfer=00h: Pass	PASS
(A2-1-1-1-1) Spcf=0 DataXfer: TCG-Receive with SP=00h; Spcf=00h; Xfer=01h: Pass	PASS
(A2-1-2-1-2) Spcf=0 DataContent: TCG-Receive with SP=00h; Spcf=00h; Xfer=01h: SP List-Byte6-7 >= 02h	PASS
(A2-1-2-1-3(1)) Spcf=0 DataContent: TCG-Receive with SP=00h; Spcf=00h; Xfer=01h: SP list-Byte8 = 00h	PASS
(A2-1-2-1-3(2)) Spcf=0 DataContent: TCG-Receive with SP=00h; Spcf=00h; Xfer=01h: SP list-Byte9 = 01h	PASS
(A2-1-2-1-3(3)) Spcf=0 DataContent: TCG-Receive with SP=00h; Spcf=00h; Xfer=01h: SP list-Byte10 = 02h(if supported) or 00h	PASS
(A2-2-1-1-2) Spcf=1 DataXfer: TCG-Receive with SP=00h; Spcf=01h; Xfer=00h: Pass	PASS
(A2-2-1-1-1) Spcf=1 DataXfer: TCG-Receive with SP=00h; Spcf=01h; Xfer=01h: Pass	PASS
(A2-2-2-1-2) Spcf=1 DataXfer: TCG-Receive with SP=00h; Spcf=01h; Xfer=01h: Certificate-Byte2-3 = 00h or a value	PASS

A3: Test Level 0 Discovery Protocol	PASS
(A3-1-1-1-1) TCG-Receive with SP=01h; Spcf=01h; Xfer=00h: Abort	N/A

(A3-1-1-1-2) TCG-Receive with SP=01h; Spcf=01h; Xfer=01h: Pass   PASS

A4: Test Synchronous Communication Protocol   PASS
  (A4-1-1-1-1) IF_Send: TPer in awaiting IF_Send state after Power-on reset - IF_Send with SP=01h;
Spcf=ComID; Xfer=01h: pass   PASS

  (A4-1-1-1-3) IF_Send: TPer in awaiting IF_Send state - IF_Send with SP=01h; Spcf=ComID; Xfer=01h: pass   PASS

  (A4-1-3-1-1) IF_Send: TPer in awaiting IF_Recv state - IF_Send with SP=01h; Spcf=ComID; Xfer=01h: abort   PASS
  (A4-2-1-2-1) IF_Recv: TPer in awaiting IF_Send state - IF_Recv(Level0 discovery) with SP=01h; Spcf=01h;
Xfer=01h: pass   PASS
  (A4-2-1-2-3) IF_Recv: TPer in awaiting IF_Send state - IF_Recv with SP=01h; Spcf=ComID; Xfer=01h: no data
returned   PASS
  (A4-2-3-2-1) IF_Recv: TPer in awaiting IF_Recv state - IF_Recv(Level0 discovery) with SP=01h; Spcf=01h;
Xfer=01h: pass   PASS
  (A4-2-3-2-2) IF_Recv: TPer in awaiting IF_Recv state - IF_Recv with SP=01h; Spcf=ComID; Xfer=01h: All
response returned no further data   PASS
  (A4-2-3-2-3) IF_Recv: TPer in awaiting IF_Recv state - IF_Recv with Xfer=insufficient; TPer stays in awaiting
IF_Recv state   PASS

A5: Check ComPacket/Packet/SubPacket   PASS
  (A5-1-1-1-2) IF_Send ComPacket - Reserved field != 0; IF_Send: pass   PASS
  (A5-1-2-2-2) IF_Send ComPacket - ComID != current ID; TPer in awaiting IF_Send state   PASS
  (A5-1-2-5-1) IF_Send ComPacket - ComID Extension != 0; TPer in awaiting IF_Send state   PASS
  (A5-1-3-1-2) IF_Send ComPacket - OutstandingData != 0; IF_Send: pass   PASS
  (A5-1-4-1-2) IF_Send ComPacket - MinTransfer!= 0; IF_Send: pass   PASS
  (A5-1-5-1-2) IF_Send ComPacket - Length > Xfer-data length; TPer in awaiting IF_Send state   PASS
  (A5-1-5-1-2(2)) IF_Send ComPacket - Length < 24; TPer in awaiting IF_Send state   PASS
  (A5-1-5-1-3) IF_Send ComPacket - Padding byte != 0; IF_Send: pass   PASS
  (A5-2-3-1-2) IF_Send Packet - Reserved field != 0; IF_Send: pass   PASS
  (A5-2-6-1-2) IF_Send Packet - Length > Xfer-data length of Compacket; no data returned   PASS
  (A5-2-6-1-2(2)) IF_Send Packet - Length < 12 of Subpacket; no data returned   PASS

  (A5-3-1-1-1(1)) IF_Send Packet - non-aligned with 4 byte in the start point of Subpacket; no data returned   N/A
  (A5-3-1-1-2) IF_Send SubPacket - Reserved field != 0; IF_Send: pass   PASS
  (A5-3-3-1-2) IF_Send SubPacket - Length > Packet; no data returned   PASS
  (A5-2-1-1-2) IF_Send Packet in regular session - Session ID != open session's number; IF_Recv: no data
returned   PASS

(A5-2-6-1-2) IF_Send Packet in regular session - Length > Xfer-data length of Compacket; Session abort   PASS
(A5-2-6-1-2(2)) IF_Send Packet in regular session - Length < 12 of Subpacket; Session abort   PASS
(A5-3-3-1-2) IF_Send SubPacket - Length > Packet; Session abort   PASS

A7: Transaction check   PASS

(A7-1-1-2-1(2)) StartTransaction Request: status != 0; StartTransaction Response: Pass with status = 0   PASS

(A7-1-1-2-1(2)) StartTransaction Request: status = 0 with short atom(81h); StartTransaction Response: Pass   PASS
(A7-1-1-2-1(2)) StartTransaction Request: status = 0 with medium atom(C001h); StartTransaction Response: Pass   PASS
(A7-1-1-2-1(2)) StartTransaction Request: status = 0 with long atom(E0000001h); StartTransaction Response: Pass   PASS

(A7-1-1-2-5) StartTransaction Request: status = 0 with byte atom; StartTransaction Response: Session Abort   PASS
(A7-1-1-2-5) StartTransaction Request: status = 0 with integer atom; StartTransaction Response: Session Abort   PASS

(A7-1-1-2-6) StartTransaction Request: no status encoded; StartTransaction Response: Session Abort   PASS

(A7-1-2-2-1(1)) EndTransaction Request: status = 0 with short atom(81h); EndTransaction Response: Pass   PASS
(A7-1-2-2-1(1)) EndTransaction Request: status = 0 with medium atom(C001h); EndTransaction Response: Pass   PASS
(A7-1-2-2-1(1)) EndTransaction Request: status = 0 with long atom(E0000001h); EndTransaction Response: Pass   PASS
(A7-1-2-2-1(2)) EndTransaction Request: status != 0 with short atom(81h); EndTransaction Response: Pass with status != 0   PASS
(A7-1-2-2-1(2)) EndTransaction Request: status != 0 with medium atom(C001h); EndTransaction Response: Pass with status != 0   PASS
(A7-1-2-2-1(2)) EndTransaction Request: status != 0 with long atom(E0000001h); EndTransaction Response: Pass with status != 0   PASS

(A7-1-2-2-5) EndTransaction Request: status = 0 with byte atom; EndTransaction Response: Session Abort   PASS

(A7-1-2-2-5) EndTransaction Request: status = 0 with integer atom; EndTransaction Response: Session Abort   PASS

(A7-1-2-2-6) EndTransaction Request: no status encoded; EndTransaction Response: Session Abort   PASS

(A7-1-3-1-1) Trans-Start attempt: StartTransaction <= MaxTransLimit; Response: pass   PASS
(A7-1-3-1-2) Trans-Start attempt: StartTransaction > MaxTransLimit; Response: Session Abort   PASS
(A7-1-3-2-1) Trans-End attempt: EndTransaction Request: outside of a transaction with status = 0; Response:
Session Abort   PASS
(A7-1-3-2-2) Trans-End attempt: EndTransaction Request: within a transaction with status = 0; Response
(commit): pass   PASS
(A7-1-3-3-1) Trans-Abort attempt: EndTransaction Request: outside of a transaction with status = 1;
Response: Session Abort   PASS
(A7-1-3-3-2) Trans-Abort attempt: EndTransaction Request: within a transaction with status = 0; Response
(abort): pass   PASS
(A7-1-3-4-1) Stand-Alone: StartTransaction Request: only with Start_Trans token and status token; Response:
Pass   PASS
(A7-1-3-5-1) Stand-Alone: EndTransaction Request: only with End_Trans token and status token; Response:
Pass   PASS
(A7-1-3-6-1) Multiple Trans: Trans-Start request after one or more; Response: Pass   PASS
(A7-1-3-8-1) Trans-attempt in a CtrlSession: Trans-Start request outside of methodInvoke: Token shall be
discarded   PASS
(A7-1-3-8-1) Trans-attempt in a CtrlSession: Trans-End request outside of methodInvoke: Token shall be
discarded   PASS
(A7-1-6-1-1) Trans+Session Abort: Transaction is aborted after session gets aborted   PASS
(A7-1-7-1-1) Trans+Session Close: Transaction is aborted after session gets closed   PASS
(A7-1-8-1-1) Trans+Session Close: Transaction is aborted after power cycle   PASS

A8: Test Ending Session   PASS
(A8-1-1-1-1) EndSession Grammar: End Session - '0xFA' returned   PASS
(A8-1-1-1-1(2)) EndSession Grammar: EndSession is encoded within StartTrans and EndTrans; Session shall be
closed   PASS
(A8-1-1-1-1(2)) EndSession Grammar: EndSession is encoded within StartTrans + MethodInvoke and
EndTrans; Session shall be closed   PASS
(A8-1-1-1-1(3)) EndSession Grammar: End Session is encoded outside of a method invocation in a control
session; End token shall be discarded   PASS

(A8-1-2-1-1) EndSession Effect: TPer sends an End of Session token in Regular session; Session shall be closed PASS
(A8-1-2-1-2) EndSession Effect: EndSession Request with some tokens which follow the End of Session;
EndSession Response - pass   PASS
(A8-1-4-1-1) Session after EndSession: Start a new session shall pass after the Session closed   PASS
(A8-2-2-10-1) CloseSession Effect: Verify the session is aborted after TPer sends a CloseSession   PASS

(A8-2-3-1-1) Session after CloseSession: Start a new session shall pass after the Session is aborted   PASS

(A8-3-2-1-1) Session Timeout: If session# = MaxSessions and a session is timeout; Start/Sync Session - pass   PASS

(A8-3-4-1-1) Session Timeout: Start/Sync Session after a session aborted due to the timeout - pass   PASS

A9: Check Empty Atom	PASS
(A9-1-1-1-1) StartSession - '0xFF' before a call token(0xF8); SyncSession: pass	PASS
(A9-1-1-2-1) StartSession - '0xFF' between a call token and an 'InvokingID'; SyncSession: pass	PASS
(A9-1-1-3-1) StartSession - '0xFF' between an 'InvokingID' and a 'MethodID'; SyncSession: pass	PASS
(A9-1-1-4-1) StartSession - '0xFF' between a 'MethodID' and 'F0'; SyncSession: pass	PASS
(A9-1-1-5-1) StartSession - '0xFF' among HostSID and SPUID parameters; SyncSession: pass	PASS
(A9-1-1-5-1) StartSession - '0xFF' among SPUID and Write paramters; SyncSession: pass	PASS
(A9-1-1-6-1) StartSession - '0xFF' between endList('F1') and endData('F9'); SyncSession: pass	PASS
(A9-1-1-7-1) StartSession - '0xFF' between endData('F9') and statusCode('F0'); SyncSession: pass	PASS
(A9-1-1-8-1) StartSession - '0xFF' among tokens and statusCode list; SyncSession: pass	PASS
(A9-1-1-9-1) StartSession - '0xFF' after statusCode list's ending; SyncSession: pass	PASS
(A9-1-1-10-1) StartTransaction - '0xFF' before a TransactionStart token; Response: pass	PASS
(A9-1-1-11-1) EndTransaction - '0xFF' before a TransactionEnd token; Response: pass	PASS

(A9-1-1-12-1) StartTransaction - '0xFF' between a TransactionStart token and the status code; Response: pass   PASS

(A9-1-1-13-1) EndTransaction - '0xFF' between a TransactionEnd token and the status code; Response: pass	PASS
(A9-1-1-14-1) StartTransaction - '0xFF' after a TransactionStart token; Response: pass	PASS
(A9-1-1-15-1) EndTransaction - '0xFF' after a TransactionEnd token; Response: pass	PASS
(A9-1-2-1-1) StartSession - Empty atoms in plural places; SyncSession: pass	PASS
(A9-1-2-1-1) Get Request - Empty atoms in plural places; Get Response: pass	PASS
(A9-1-2-1-1) StartTransaction - Empty atoms in plural places; SyncSession: pass	PASS

A10: Set Properties test	PASS
(A10-1-6-2-6) Set Host Properties - name in name-value not supported by TPer: Response - pass and the pair is ignored	PASS

(A10-1-6-3-1) Optional Params: Check Host Properties - MaxComPacketSize < 800h: Response value = 800h   PASS

(A10-1-6-3-1) Optional Params: Check Host Properties - MaxComPacketSize = 800h: Response value = 800h   PASS

(A10-1-6-5-1) Optional Params: Check Host Properties - MaxPacketSize < 7ECh: Response value = 7ECh   PASS

(A10-1-6-5-1) Optional Params: Check Host Properties - MaxPacketSize = 7ECh: Response value = 7ECh   PASS

(A10-1-6-6-1) Optional Params: Check Host Properties - MaxIndTokenSize < 7C8h: Response value = 7C8h   PASS

(A10-1-6-6-1) Optional Params: Check Host Properties - MaxIndTokenSize = 7C8h: Response value = 7C8h   PASS

(A10-1-6-7-1) Optional Params: Check Host Properties - MaxPackets = a number: Response value <= a number   PASS

(A10-1-6-8-1) Optional Params: Check Host Properties - MaxSubPackets = a number: Response value <= a number   PASS

(A10-1-6-9-1) Optional Params: Check Host Properties - MaxMethods = a number: Response value <= a number   PASS

(A10-1-6-15-1) Optional Params: Check Host Properties - Omission of HostParams: no HostParams returned   PASS

A10: Properties response and effect test   PASS

(A10-3-1-1-2) Properties Effect - HostProp: TPer's response would contain data > MaxComPacketSize; Response: StatusCode = 11h   PASS

(A10-3-1-3-2) Properties Effect - HostProp: TPer's response would contain data > MaxPacketSize; Response: StatusCode = 11h   PASS

(A10-3-1-4-2) Properties Effect - HostProp: TPer's response would contain data token > MaxIndTokenSize; Response: Session abort   PASS

Properties Effect - TPerProp in regular session: = TPer's MaxComPacketSize; Response: Pass   PASS

(A10-3-2-1-1) Properties Effect - TPerProp in regular session: > TPer's MaxComPacketSize; Response: ST = 51h at ATA interface level   PASS

(A10-3-2-3-1) Properties Effect - TPerProp in regular session: > TPer's MaxPacketSize; Response: Session abort   N/A

(A10-3-2-4-1) Properties Effect - TPerProp in regular session: > TPer's MaxIndTokenSize; Response: Session abort   PASS

Properties Effect - TPerProp in control session: = TPer's MaxComPackets; Response: Pass   PASS

(A10-3-2-1-1) Properties Effect - TPerProp in control session: > TPer's MaxComPacketSize; Response: ST = 51h at ATA interface level   PASS

(A10-3-2-3-1) Properties Effect - TPerProp in control session: > TPer's MaxPackets; Response: Discarded by TPer   N/A

(A10-3-2-4-1) Properties Effect - TPerProp in control session: > TPer's MaxIndTokenSize; Response: Discarded by TPer   PASS

(A10-3-2-6-1) Properties Effect - TPerProp in control session: > TPer's MaxSubPackets; Response: Discarded
by TPer   PASS
  (A10-3-2-15-1) Properties Effect - TPerProp: MaxAuthentications shall not be 1   PASS

A11: Test Start/SyncSession()   PASS

  (A11-1-1-1-1) StartSession - SessionID: not all 0; SyncSession - Status Code: 01h (Not_Authorized)   PASS
  (A11-3-2-1-1) StartSession - HostSessionID: 4-byte uinteger(<0FFFFFFFFh); SyncSession - Pass and Tries = 0 in
C_PIN table   PASS
  (A11-3-2-1-1) StartSession - HostSessionID: 4-byte uinteger(=0FFFFFFFFh); SyncSession - Pass and Tries = 0 in
C_PIN table   PASS

  (A11-3-2-1-3) StartSession - HostSessionID: > 4-byte; SyncSession - Status Code: no data returned   PASS
  (A11-3-2-2-2) StartSession - SPUID: nonexistent in the SP table; SyncSession - Status Code: 0Ch
(Invalid_Param)   PASS
  (A11-3-2-2-3) StartSession - SPUID: LockingSP in manufactured-inactive; SyncSession - Status Code: 0Ch
(Invalid_Param)   PASS
  (A11-3-2-3-3(2)) StartSession - Write: 1; SyncSession - Pass and Tries = 0 in C_PIN table   PASS
  (A11-3-2-3-4) StartSession - Write: 2; SyncSession - Status Code: 0Ch (Invalid_Param)   PASS

A11: Test Start/SyncSession with Optional Parameters   PASS
  (A11-3-4-1-5) StartSession - HostChallenge: correct credential; SyncSession - Pass   PASS
  (A11-3-4-1-6) StartSession - HostChallenge: correct credential(if Tries=TryLimit); SyncSession - Status Code:
01h or 12h (Not_Authorized/Authority_locked_out)   PASS
  (A11-3-4-1-7) StartSession - HostChallenge: incorrect credential; SyncSession - Status Code: 01h
(Not_Authorized)   PASS

  (A11-3-4-1-10) StartSession - HostChallenge: anybody (explicitly in HostSignAuth); SyncSession - Pass   PASS
  (A11-3-4-1-11) StartSession - HostChallenge: omitted (any authority); SyncSession - Status Code: 0Ch
(Invalid_Param)   PASS

  (A11-3-4-2-6) StartSession - HostSignAuth: nonexistent UID; SyncSession - Status Code: 0Ch (Invalid_Param.) PASS
  (A11-3-4-2-6(2)) StartSession - HostSignAuth: disabled authority's UID; SyncSession - Status Code: 01h
(Not_Authorized)   PASS
  (A11-3-4-2-6(3)) StartSession - HostSignAuth: a class authority UID; SyncSession - Status Code: 0Ch
(Invalid_Param)   PASS

  (A11-3-4-2-9) StartSession - HostChallenge and HostSignAuth omitted: correct credential; SyncSession - pass PASS

(A11-3-5-6-1-1) StartSession - exceed MaxSessions property; SyncSession - Status Code: 03h or 07h (SP_Busy/No_Sessions_Available)	PASS
Activating the Locking SP	PASS
Start Session with HostChallenge - AdminSP	PASS
Sync Session - AdminSP	PASS
Activate_LockingSP	PASS
Activate_LockingSP - Response	PASS
Get - LifeCycle(Locking SP) - Request	PASS
Get - LifeCycle(Locking SP) - Response	PASS
Check the state of LockingSP	PASS
End Session - Request	PASS
End Session - Response	PASS
A6: Grammar Check on Method/InvokeUID in regular session	PASS
(A6-0-1-1-1) Get Request - with short atom for InvokingID; Response - Pass	PASS
(A6-0-1-1-1) Get Request - with medium atom for InvokingID; Response - Pass	PASS
(A6-0-1-1-1) Get Request - with long atom for InvokingID; Response - Pass	PASS
(A6-0-1-1-1) Get Request - with medium atom for MethodID; Response - Pass	PASS
(A6-0-1-1-1) Get Request - with long atom for MethodID; Response - Pass	PASS
(A6-1-1-1-1(1)) Get Request - with invalid token for 'Call'(F8h); Response - Session Abort	PASS
(A6-1-1-2-1) Get Request - with nonexistent InvokingID; Response - Status Code: 01h(Not_Authorized)	PASS
(A6-1-1-3-1(2)) Get Request - with non-byte token for InvokingID; Response - Status Code: 01h(Not_Authorized)	PASS
(A6-1-1-3-1(2)) Get Request - with non-8-long token for InvokingID; Response - Status Code: 01h(Not_Authorized)	PASS
(A6-1-2-2-1) Get Request - with nonexistent MethodID; Response - Status Code: 01h(Not_Authorized)	PASS
(A6-1-2-3-1(2)) Get Request - with non-byte token for MethodID; Response - Status Code: 01h(Not_Authorized)	PASS
(A6-1-2-3-1(2)) Get Request - with non-8-long token for MethodID; Response - Status Code: 01h(Not_Authorized)	PASS
(A6-1-3-1-1) Get Request - no ACE in the ACL; Response - empty data returned with SUCCESS status	PASS
(A6-1-3-1-1(2)) Get Request - nonexistent InvokingID/MethodID in ACL; Response - Status Code: 01h(Not_Authorized) and an empty results list	PASS
(A6-1-4-2-1) Get Request - with invalid token type of StartList: 0e0h; Response - Session Abort	PASS

(A6-1-5-2-1) Get Request - with invalid token type of EndList: 0e0h; Response - Session Abort	PASS
(A6-1-6-2-1) Get Request - with invalid token type of EndData: 0e0h; Response - Session Abort	PASS
(A6-1-7-2-1) Get Request - with invalid token type of StatusCode Start: 0e0h; Response - Session Abort	PASS
(A6-1-8-1-2) Get Request - with first Status token = 81h(short); Response - Pass	PASS
(A6-1-8-2-1) Get Request - with first Status Code != 0h(found in status code); Response - fail	PASS
(A6-1-8-2-1) Get Request - with first Status Code != 0h(not in the status code); Response - fail	PASS
(A6-1-8-3-2) Get Request - with second Status Code != 0h; Response - Normal	PASS
(A6-1-8-3-2) Get Request - with third Status Code != 0h; Response - Normal	PASS
(A6-1-8-6-1) Get Request - with 1st Status token = A1h(byte); Response - Session Abort	PASS
(A6-1-8-6-1) Get Request - with 1st Status token = 91h(integer); Response - Session Abort	PASS
(A6-1-8-6-1) Get Request - with 2nd Status token = A1h(byte); Response - Session Abort	PASS
(A6-1-8-6-1) Get Request - with 2nd Status token = 91h(integer); Response - Session Abort	PASS
(A6-1-8-6-1) Get Request - with 3rd Status token = A1h(byte); Response - Session Abort	PASS
(A6-1-8-6-1) Get Request - with 3rd Status token = 91h(integer); Response - Session Abort	PASS
(A6-1-9-2-1) Get Request - with invalid token type of StatusCode End: 0e0h; Response - Session Abort	PASS
(A6-1-4-2-1(1)) Get Request - with unexpected token encoded inside the Params; Response - Status Code: 0Ch(Invalid_Param)	PASS
(A6-0-1-1-1) Set Request - with short atom for InvokingID; Response - Pass	PASS
(A6-0-1-1-1) Set Request - with medium atom for InvokingID; Response - Pass	PASS
(A6-0-1-1-1) Set Request - with long atom for InvokingID; Response - Pass	PASS
(A6-0-1-1-1) Set Request - with medium atom for MethodID; Response - Pass	PASS
(A6-0-1-1-1) Set Request - with long atom for MethodID; Response - Pass	PASS
(A6-1-1-1-1(1)) Set Request - with invalid token for 'Call'(F8h); Response - Session Abort	PASS
(A6-1-1-2-1) Set Request - with nonexistent InvokingID; Response - Status Code: 01h(Not_Authorized)	PASS
(A6-1-1-3-1(2)) Set Request - with non-byte token for InvokingID; Response - Status Code: 01h(Not_Authorized)	PASS
(A6-1-1-3-1(2)) Set Request - with non-8-long token for InvokingID; Response - Status Code: 01h(Not_Authorized)	PASS
(A6-1-2-2-1) Set Request - with nonexistent MethodID; Response - Status Code: 01h(Not_Authorized)	PASS
(A6-1-2-3-1(2)) Set Request - with non-byte token for MethodID; Response - Status Code: 01h(Not_Authorized)	PASS
(A6-1-2-3-1(2)) Set Request - with non-8-long token for MethodID; Response - Status Code: 01h(Not_Authorized)	PASS
(A6-1-3-1-1) Set Request - no ACE in the ACL; Response - Status Code: 01h(Not_Authorized)	PASS

(A6-1-4-2-1) Set Request - with invalid token type of StartList: 0e0h; Response - Session Abort	PASS
(A6-1-5-2-1) Set Request - with invalid token type of EndList: 0e0h; Response - Session Abort	PASS
(A6-1-6-2-1) Set Request - with invalid token type of EndData: 0e0h; Response - Session Abort	PASS
(A6-1-7-2-1) Set Request - with invalid token type of StatusCode Start: 0e0h; Response - Session Abort	PASS
(A6-1-8-1-2) Set Request - with first Status token = 81h(short); Response - Pass	PASS
(A6-1-8-2-1) Set Request - with first Status Code != 0h(found in status code); Response - fail	PASS
(A6-1-8-2-1) Set Request - with first Status Code != 0h(not in the status code); Response - fail	PASS
(A6-1-8-3-2) Set Request - with second Status Code != 0h; Response - Normal	PASS
(A6-1-8-3-2) Set Request - with third Status Code != 0h; Response - Normal	PASS
(A6-1-8-6-1) Set Request - with 1st Status token = A1h(byte); Response - Session Abort	PASS
(A6-1-8-6-1) Set Request - with 1st Status token = 91h(integer); Response - Session Abort	PASS
(A6-1-8-6-1) Set Request - with 2nd Status token = A1h(byte); Response - Session Abort	PASS
(A6-1-8-6-1) Set Request - with 2nd Status token = 91h(integer); Response - Session Abort	PASS
(A6-1-8-6-1) Set Request - with 3rd Status token = A1h(byte); Response - Session Abort	PASS
(A6-1-8-6-1) Set Request - with 3rd Status token = 91h(integer); Response - Session Abort	PASS
(A6-1-9-2-1) Set Request - with invalid token type of StatusCode End: 0e0h; Response - Session Abort	PASS
(A6-1-4-2-1(1)) Set Request - with unexpected token encoded inside the Params; Response - Status Code: 0Ch(Invalid_Param)	PASS
(A6-1-4-2-1(2)) Set Request - with the same optional parameter encoded twice; Response - Status Code: 0Ch(Invalid_Param)	PASS
(A6-1-4-2-1(3)) Set Request - with the descending order of optional parameter; Response - Status Code: 0Ch(Invalid_Param)	PASS
(A6-0-1-1-1) Next Request - with short atom for InvokingID; Response - Pass	PASS
(A6-0-1-1-1) Next Request - with medium atom for InvokingID; Response - Pass	PASS
(A6-0-1-1-1) Next Request - with long atom for InvokingID; Response - Pass	PASS
(A6-0-1-1-1) Next Request - with medium atom for MethodID; Response - Pass	PASS
(A6-0-1-1-1) Next Request - with long atom for MethodID; Response - Pass	PASS
(A6-1-1-1-1(1)) Next Request - with invalid token for 'Call'(F8h); Response - Session Abort	PASS
(A6-1-1-2-1) Next Request - with nonexistent InvokingID; Response - Status Code: 01h(Not_Authorized)	PASS
(A6-1-1-3-1(2)) Next Request - with non-byte token for InvokingID; Response - Status Code: 01h(Not_Authorized)	PASS
(A6-1-1-3-1(2)) Next Request - with non-8-long token for InvokingID; Response - Status Code: 01h(Not_Authorized)	PASS
(A6-1-2-2-1) Next Request - with nonexistent MethodID; Response - Status Code: 01h(Not_Authorized)	PASS

(A6-1-2-3-1(2)) Next Request - with non-byte token for MethodID; Response - Status Code: 01h(Not_Authorized)   PASS

(A6-1-2-3-1(2)) Next Request - with non-8-long token for MethodID; Response - Status Code: 01h(Not_Authorized)   PASS

(A6-1-3-1-1(2)) Next Request - nonexistent InvokingID/MethodID in ACL; Response - Status Code: 01h(Not_Authorized)   PASS

(A6-1-4-2-1) Next Request - with invalid token type of StartList: 0e0h; Response - Session Abort   PASS

(A6-1-5-2-1) Next Request - with invalid token type of EndList: 0e0h; Response - Session Abort   PASS

(A6-1-6-2-1) Next Request - with invalid token type of EndData: 0e0h; Response - Session Abort   PASS

(A6-1-7-2-1) Next Request - with invalid token type of StatusCode Start: 0e0h; Response - Session Abort   PASS

(A6-1-8-1-2) Next Request - with first Status token = 81h(short); Response - Pass   PASS

(A6-1-8-2-1) Next Request - with first Status Code != 0h(found in status code); Response - fail   PASS

(A6-1-8-2-1) Next Request - with first Status Code != 0h(not in the status code); Response - fail   PASS

(A6-1-8-3-2) Next Request - with second Status Code != 0h; Response - Normal   PASS

(A6-1-8-3-2) Next Request - with third Status Code != 0h; Response - Normal   PASS

(A6-1-8-6-1) Next Request - with 1st Status token = A1h(byte); Response - Session Abort   PASS

(A6-1-8-6-1) Next Request - with 1st Status token = 91h(integer); Response - Session Abort   PASS

(A6-1-8-6-1) Next Request - with 2nd Status token = A1h(byte); Response - Session Abort   PASS

(A6-1-8-6-1) Next Request - with 2nd Status token = 91h(integer); Response - Session Abort   PASS

(A6-1-8-6-1) Next Request - with 3rd Status token = A1h(byte); Response - Session Abort   PASS

(A6-1-8-6-1) Next Request - with 3rd Status token = 91h(integer); Response - Session Abort   PASS

(A6-1-9-2-1) Next Request - with invalid token type of StatusCode End: 0e0h; Response - Session Abort   PASS

(A6-1-4-2-1(1)) Next Request - with unexpected token encoded inside the Params; Response - Status Code: 0Ch(Invalid_Param)   PASS

(A6-1-4-2-1(2)) Next Request - with the same optional parameter encoded twice; Response - Status Code: 0Ch(Invalid_Param)   PASS

(A6-1-4-2-1(3)) Next Request - with the descending order of optional parameter; Response - Status Code: 0Ch(Invalid_Param)   PASS

(A6-0-1-1-1) GetACL Request - with short atom for InvokingID; Response - Pass   PASS

(A6-0-1-1-1) GetACL Request - with medium atom for InvokingID; Response - Pass   PASS

(A6-0-1-1-1) GetACL Request - with long atom for InvokingID; Response - Pass   PASS

(A6-0-1-1-1) GetACL Request - with medium atom for MethodID; Response - Pass   PASS

(A6-0-1-1-1) GetACL Request - with long atom for MethodID; Response - Pass   PASS

(A6-1-1-1-1(1)) GetACL Request - with invalid token for 'Call'(F8h); Response - Session Abort   PASS

(A6-1-1-2-1) GetACL Request - with nonexistent InvokingID; Response - Status Code: 01h(Not_Authorized)   PASS

(A6-1-1-3-1(2)) GetACL Request - with non-byte token for InvokingID; Response - Status Code: 01h(Not_Authorized)   PASS

(A6-1-1-3-1(2)) GetACL Request - with non-8-long token for InvokingID; Response - Status Code: 01h(Not_Authorized)   PASS

(A6-1-2-2-1) GetACL Request - with nonexistent MethodID; Response - Status Code: 01h(Not_Authorized)   PASS

(A6-1-2-3-1(2)) GetACL Request - with non-byte token for MethodID; Response - Status Code: 01h(Not_Authorized)   PASS

(A6-1-2-3-1(2)) GetACL Request - with non-8-long token for MethodID; Response - Status Code: 01h(Not_Authorized)   PASS

(A6-1-4-2-1) GetACL Request - with invalid token type of StartList: 0e0h; Response - Session Abort   PASS

(A6-1-5-2-1) GetACL Request - with invalid token type of EndList: 0e0h; Response - Session Abort   PASS

(A6-1-6-2-1) GetACL Request - with invalid token type of EndData: 0e0h; Response - Session Abort   PASS

(A6-1-7-2-1) GetACL Request - with invalid token type of StatusCode Start: 0e0h; Response - Session Abort   PASS
(A6-1-8-1-2) GetACL Request - with first Status token = 81h(short); Response - Pass   PASS
(A6-1-8-2-1) GetACL Request - with first Status Code != 0h(found in status code); Response - fail   PASS

(A6-1-8-2-1) GetACL Request - with first Status Code != 0h(not in the status code); Response - fail   PASS
(A6-1-8-3-2) GetACL Request - with second Status Code != 0h; Response - Normal   PASS
(A6-1-8-3-2) GetACL Request - with third Status Code != 0h; Response - Normal   PASS
(A6-1-8-6-1) GetACL Request - with 1st Status token = A1h(byte); Response - Session Abort   PASS
(A6-1-8-6-1) GetACL Request - with 1st Status token = 91h(integer); Response - Session Abort   PASS
(A6-1-8-6-1) GetACL Request - with 2nd Status token = A1h(byte); Response - Session Abort   PASS
(A6-1-8-6-1) GetACL Request - with 2nd Status token = 91h(integer); Response - Session Abort   PASS
(A6-1-8-6-1) GetACL Request - with 3rd Status token = A1h(byte); Response - Session Abort   PASS
(A6-1-8-6-1) GetACL Request - with 3rd Status token = 91h(integer); Response - Session Abort   PASS

(A6-1-9-2-1) GetACL Request - with invalid token type of StatusCode End: 0e0h; Response - Session Abort   PASS
(A6-1-4-2-1(1)) GetACL Request - with unexpected token encoded inside the Params; Response - Status Code: 0Ch(Invalid_Param)   PASS
(A6-0-1-1-1) GenKey Request - with short atom for InvokingID; Response - Pass   N/A
(A6-0-1-1-1) GenKey Request - with medium atom for InvokingID; Response - Pass   N/A
(A6-0-1-1-1) GenKey Request - with long atom for InvokingID; Response - Pass   N/A
(A6-0-1-1-1) GenKey Request - with medium atom for MethodID; Response - Pass   N/A

(A6-0-1-1-1) GenKey Request - with long atom for MethodID; Response - Pass	N/A
(A6-1-1-1-1(1)) GenKey Request - with invalid token for 'Call'(F8h); Response - Session Abort	N/A
(A6-1-1-2-1) GenKey Request - with nonexistent InvokingID; Response - Status Code: 01h(Not_Authorized)	N/A
(A6-1-1-3-1(2)) GenKey Request - with non-byte token for InvokingID; Response - Status Code: 01h(Not_Authorized)	N/A
(A6-1-1-3-1(2)) GenKey Request - with non-8-long token for InvokingID; Response - Status Code: 01h(Not_Authorized)	N/A
(A6-1-2-2-1) GenKey Request - with nonexistent MethodID; Response - Status Code: 01h(Not_Authorized)	N/A
(A6-1-2-3-1(2)) GenKey Request - with non-byte token for MethodID; Response - Status Code: 01h(Not_Authorized)	N/A
(A6-1-2-3-1(2)) GenKey Request - with non-8-long token for MethodID; Response - Status Code: 01h(Not_Authorized)	N/A
(A6-1-3-1-1) GenKey Request - no ACE in the ACL; Response - Status Code: 01h(Not_Authorized)	N/A
(A6-1-3-1-1(2)) GenKey Request - nonexistent InvokingID/MethodID in ACL; Response - Status Code: 01h(Not_Authorized)	N/A
(A6-1-4-2-1) GenKey Request - with invalid token type of StartList: 0e0h; Response - Session Abort	N/A
(A6-1-5-2-1) GenKey Request - with invalid token type of EndList: 0e0h; Response - Session Abort	N/A
(A6-1-6-2-1) GenKey Request - with invalid token type of EndData: 0e0h; Response - Session Abort	N/A
(A6-1-7-2-1) GenKey Request - with invalid token type of StatusCode Start: 0e0h; Response - Session Abort	N/A
(A6-1-8-1-2) GenKey Request - with first Status token = 81h(short); Response - Pass	N/A
(A6-1-8-2-1) GenKey Request - with first Status Code != 0h(found in status code); Response - fail	N/A
(A6-1-8-2-1) GenKey Request - with first Status Code != 0h(not in the status code); Response - fail	N/A
(A6-1-8-3-2) GenKey Request - with second Status Code != 0h; Response - Normal	N/A
(A6-1-8-3-2) GenKey Request - with third Status Code != 0h; Response - Normal	N/A
(A6-1-8-6-1) GenKey Request - with 1st Status token = A1h(byte); Response - Session Abort	N/A
(A6-1-8-6-1) GenKey Request - with 1st Status token = 91h(integer); Response - Session Abort	N/A
(A6-1-8-6-1) GenKey Request - with 2nd Status token = A1h(byte); Response - Session Abort	N/A
(A6-1-8-6-1) GenKey Request - with 2nd Status token = 91h(integer); Response - Session Abort	N/A
(A6-1-8-6-1) GenKey Request - with 3rd Status token = A1h(byte); Response - Session Abort	N/A
(A6-1-8-6-1) GenKey Request - with 3rd Status token = 91h(integer); Response - Session Abort	N/A

(A6-1-9-2-1) GenKey Request - with invalid token type of StatusCode End: 0e0h; Response - Session Abort	N/A
A6: Grammar check on Method/InvokeUID in control session	PASS
(A6-3-1-2-1) Request - with invalid InvokingID; Response - no response prepared	PASS
(A6-3-1-3-1(2)) Request - unexpected token(98: integer) in InvokingID; Response - no response prepared	PASS
(A6-3-1-3-1(2)) Request - unexpected token(88: uinteger) in InvokingID; Response - no response prepared	PASS
(A6-3-2-2-1) Request - with nonexistent MethodID; Response - no response prepared	PASS
(A6-3-2-3-1(2)) Request - with unexpected token(F0: CtrlToken) in MethodID; Response - no response prepared	PASS
(A6-3-2-3-1(2)) Request - with unexpected token(F4: Reserved) in MethodID; Response - no response prepared	PASS
(A6-3-2-3-1(2)) Request - unexpected token(98: integer) in MethodID; Response - no response prepared	PASS
(A6-3-2-3-1(2)) Request - unexpected token(88: uinteger) in MethodID; Response - no response prepared	PASS
(A6-3-4-2-1) Request - with invalid token type of StartList: 0e0h; Response - no response prepared	PASS
(A6-3-4-2-1(1)) Request - without 'F2' for the beginning of Name-Value; Response - no response prepared or Status Code: 0Ch(invalid_param)	PASS
(A6-3-4-2-1(1)) Request - with byte atom for value in Name-Value; Response - no response prepared or Status Code: 0Ch(invalid_param)	PASS
(A6-3-4-2-1(1)) Request - without 'F3' for the ending of Name-Value; Response - no response prepared or Status Code: 0Ch(invalid_param)	PASS
(A6-3-4-2-1(2)) Request - Host properties encoded twice; Response - Status Code: 0Ch(invalid_param)	PASS
(A6-3-5-2-1) Request - with invalid token type of EndList: 0e0h; Response - no response prepared	PASS
(A6-3-6-2-1) Request - with invalid token type of EndData: 0e0h; Response - no response prepared	PASS
(A6-3-7-2-1) Request - with invalid token type of StatusCode Start: 0e0h; Response - no response prepared	PASS
(A6-3-8-1-2) Request - with first Status token = 81h(short); Response - pass	PASS
(A6-3-8-2-1) Request - with first Status Code != 0h(found in status code); Response - fail	PASS
(A6-3-8-3-2) Request - with second Status Code != 0h; Response - Normal	PASS
(A6-3-8-3-2) Request - with third Status Code != 0h; Response - Normal	PASS

(A6-3-8-6-1) Request - with non-uinteger(byte) atom for 1st statusCode; Response - no response prepared   PASS

(A6-3-8-6-1) Request - with non-uinteger(integer) atom for 2nd statusCode; Response - no response prepared PASS

(A6-3-8-6-1) Request - with non-uinteger(integer) atom for 3rd statusCode; Response - no response prepared PASS

(A6-3-9-2-1) Request - with invalid token type of StatusCode End: 0e0h; Response - no response prepared   PASS

(A6-3-4-2-1(3)) StartSession Request - with non-ascending order of optional parameter; Response - Status
Code: 0Ch(invalid_param)   PASS

A12: Get() - Byte Table Grammar check   PASS

  (A12-0-1-1-1) DataStore RequiredParams: Get with 'Table' component; Get response - Status Code: 0Ch
(Invalid_Param)   PASS

  (A12-0-1-1-2) DataStore RequiredParams: Get with 'EndRow' component encoded twice; Get response -
Status Code: 0Ch (Invalid_Param)   PASS

  (A12-1-1-4-5(2)) DataStore RequiredParams: Get with 'StartRow' > maximum; Get response - Status Code:
0Ch (Invalid_Param)   PASS

  (A12-1-1-4-10) DataStore RequiredParams: Get without 'StartRow' component; Get response - Pass   PASS

  (A12-1-1-5-6) DataStore RequiredParams: Get with 'EndRow' > maximum; Get response - Status Code: 0Ch
(Invalid_Param)   PASS

  (A12-1-1-5-10) DataStore RequiredParams: Get without 'EndRow' component; Get response - Pass   PASS

  (A12-1-1-5-11) DataStore RequiredParams: Get with 'EndRow' encoded prior to 'StartRow'; Get response -
Status Code: 0Ch (Invalid_Param)   PASS

  (A12-1-1-5-12) DataStore RequiredParams: Get with the number of 'StartRow' > 'EndRow'; Get response -
Status Code: 0Ch (Invalid_Param)   PASS

  (A12-1-1-6-1) DataStore RequiredParams: Get with 'StartColumn'; Get response - Status Code: 0Ch
(Invalid_Param)   PASS

  (A12-1-1-7-1) DataStore RequiredParams: Get with 'EndColumn'; Get response - Status Code: 0Ch
(Invalid_Param)   PASS

  (A12-0-1-1-1) MBR RequiredParams: Get with 'Table' component; Get response - Status Code: 0Ch
(Invalid_Param)   N/A

  (A12-0-1-1-2) MBR RequiredParams: Get with 'EndRow' component encoded twice; Get response - Status
Code: 0Ch (Invalid_Param)   N/A

  (A12-1-1-4-5(2)) MBR RequiredParams: Get with 'StartRow' > maximum; Get response - Status Code: 0Ch
(Invalid_Param)   N/A

(A12-1-1-4-10) MBR RequiredParams: Get without 'StartRow' component; Get response - Pass	N/A
(A12-1-1-5-6) MBR RequiredParams: Get with 'EndRow' > maximum; Get response - Status Code: 0Ch (Invalid_Param)	N/A
(A12-1-1-5-10) MBR RequiredParams: Get without 'EndRow' component; Get response - Pass	N/A
(A12-1-1-5-11) MBR RequiredParams: Get with 'EndRow' encoded prior to 'StartRow'; Get response - Status Code: 0Ch (Invalid_Param)	N/A
(A12-1-1-5-12) MBR RequiredParams: Get with the number of 'StartRow' > 'EndRow'; Get response - Status Code: 0Ch (Invalid_Param)	N/A
(A12-1-1-6-1) MBR RequiredParams: Get with 'StartColumn'; Get response - Status Code: 0Ch (Invalid_Param)	N/A
(A12-1-1-7-1) MBR RequiredParams: Get with 'EndColumn'; Get response - Status Code: 0Ch (Invalid_Param)	N/A
A12: Get() - Object Table to AdminSP Grammar check	PASS
(A12-0-1-1-1) Table RequiredParams: Get with 'Table' component; Get response - Status Code: 0Ch (Invalid_Param)	PASS
(A12-0-1-1-2) Table RequiredParams: Get with 'StartColumn' component encoded twice; Get response - Status Code: 0Ch (Invalid_Param)	PASS
(A12-0-1-1-2) Table RequiredParams: Get with 'EndColumn' component encoded twice; Get response - Status Code: 0Ch (Invalid_Param)	PASS
(A12-3-1-4-1) Table RequiredParams: Get with 'StartRow'; Get response - Status Code: 0Ch (Invalid_Param)	PASS
(A12-3-1-5-1) Table RequiredParams: Get with 'EndRow'; Get response - Status Code: 0Ch (Invalid_Param)	PASS
(A12-3-1-6-6) Table RequiredParams: Get with 'StartCol' > maximum; Get response - Status Code: 0Ch (Invalid_Param)	PASS
(A12-3-1-6-10) Table RequiredParams: Get without 'StartCol' component; Get response - Pass	PASS
(A12-3-1-7-6) Table RequiredParams: Get with 'EndCol' > maximum; Get response - Status Code: 0Ch (Invalid_Param)	PASS
(A12-3-1-7-9) Table RequiredParams: Get without 'EndCol' component; Get response - Pass	PASS
(A12-3-1-7-10) Table RequiredParams: Get with 'EndCol' encoded prior to 'StartCol'; Get response - Status Code: 0Ch (Invalid_Param)	PASS
(A12-3-1-7-10(2)) Table RequiredParams: Get with the number of 'StartCol' > 'EndCol'; Get response - Status Code: 0Ch (Invalid_Param)	PASS
(A12-0-1-1-1) SPInfo RequiredParams: Get with 'Table' component; Get response - Status Code: 0Ch (Invalid_Param)	PASS
(A12-0-1-1-2) SPInfo RequiredParams: Get with 'StartColumn' component encoded twice; Get response - Status Code: 0Ch (Invalid_Param)	PASS

(A12-0-1-1-2) SPInfo RequiredParams: Get with 'EndColumn' component encoded twice; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-3-1-4-1) SPInfo RequiredParams: Get with 'StartRow'; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-3-1-5-1) SPInfo RequiredParams: Get with 'EndRow'; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-3-1-6-6) SPInfo RequiredParams: Get with 'StartCol' > maximum; Get response - Status Code: 0Ch
(Invalid_Param)   PASS

(A12-3-1-6-10) SPInfo RequiredParams: Get without 'StartCol' component; Get response - Pass   PASS

(A12-3-1-7-6) SPInfo RequiredParams: Get with 'EndCol' > maximum; Get response - Status Code: 0Ch
(Invalid_Param)   PASS

(A12-3-1-7-9) SPInfo RequiredParams: Get without 'EndCol' component; Get response - Pass   PASS

(A12-3-1-7-10) SPInfo RequiredParams: Get with 'EndCol' encoded prior to 'StartCol'; Get response - Status
Code: 0Ch (Invalid_Param)   PASS

(A12-3-1-7-10(2)) SPInfo RequiredParams: Get with the number of 'StartCol' > 'EndCol'; Get response - Status
Code: 0Ch (Invalid_Param)   PASS

(A12-0-1-1-1) SPTemplates RequiredParams: Get with 'Table' component; Get response - Status Code: 0Ch
(Invalid_Param)   PASS

(A12-0-1-1-2) SPTemplates RequiredParams: Get with 'StartColumn' component encoded twice; Get response
- Status Code: 0Ch (Invalid_Param)   PASS

(A12-0-1-1-2) SPTemplates RequiredParams: Get with 'EndColumn' component encoded twice; Get response -
Status Code: 0Ch (Invalid_Param)   PASS

(A12-3-1-4-1) SPTemplates RequiredParams: Get with 'StartRow'; Get response - Status Code: 0Ch
(Invalid_Param)   PASS

(A12-3-1-5-1) SPTemplates RequiredParams: Get with 'EndRow'; Get response - Status Code: 0Ch
(Invalid_Param)   PASS

(A12-3-1-6-6) SPTemplates RequiredParams: Get with 'StartCol' > maximum; Get response - Status Code: 0Ch
(Invalid_Param)   PASS

(A12-3-1-6-10) SPTemplates RequiredParams: Get without 'StartCol' component; Get response - Pass   PASS

(A12-3-1-7-6) SPTemplates RequiredParams: Get with 'EndCol' > maximum; Get response - Status Code: 0Ch
(Invalid_Param)   PASS

(A12-3-1-7-9) SPTemplates RequiredParams: Get without 'EndCol' component; Get response - Pass   PASS

(A12-3-1-7-10) SPTemplates RequiredParams: Get with 'EndCol' encoded prior to 'StartCol'; Get response -
Status Code: 0Ch (Invalid_Param)   PASS

(A12-3-1-7-10(2)) SPTemplates RequiredParams: Get with the number of 'StartCol' > 'EndCol'; Get response -
Status Code: 0Ch (Invalid_Param)   PASS

(A12-0-1-1-1) MethodID RequiredParams: Get with 'Table' component; Get response - Status Code: 0Ch
(Invalid_Param)   PASS
  (A12-0-1-1-2) MethodID RequiredParams: Get with 'StartColumn' component encoded twice; Get response -
Status Code: 0Ch (Invalid_Param)   PASS
  (A12-0-1-1-2) MethodID RequiredParams: Get with 'EndColumn' component encoded twice; Get response -
Status Code: 0Ch (Invalid_Param)   PASS
  (A12-3-1-4-1) MethodID RequiredParams: Get with 'StartRow'; Get response - Status Code: 0Ch
(Invalid_Param)   PASS
  (A12-3-1-5-1) MethodID RequiredParams: Get with 'EndRow'; Get response - Status Code: 0Ch
(Invalid_Param)   PASS
  (A12-3-1-6-6) MethodID RequiredParams: Get with 'StartCol' > maximum; Get response - Status Code: 0Ch
(Invalid_Param)   PASS

  (A12-3-1-6-10) MethodID RequiredParams: Get without 'StartCol' component; Get response - Pass   PASS
  (A12-3-1-7-6) MethodID RequiredParams: Get with 'EndCol' > maximum; Get response - Status Code: 0Ch
(Invalid_Param)   PASS
  (A12-3-1-7-9) MethodID RequiredParams: Get without 'EndCol' component; Get response - Pass   PASS
  (A12-3-1-7-10) MethodID RequiredParams: Get with 'EndCol' encoded prior to 'StartCol'; Get response -
Status Code: 0Ch (Invalid_Param)   PASS
  (A12-3-1-7-10(2)) MethodID RequiredParams: Get with the number of 'StartCol' > 'EndCol'; Get response -
Status Code: 0Ch (Invalid_Param)   PASS
  (A12-0-1-1-1) ACE RequiredParams: Get with 'Table' component; Get response - Status Code: 0Ch
(Invalid_Param)   PASS
  (A12-0-1-1-2) ACE RequiredParams: Get with 'StartColumn' component encoded twice; Get response - Status
Code: 0Ch (Invalid_Param)   PASS
  (A12-0-1-1-2) ACE RequiredParams: Get with 'EndColumn' component encoded twice; Get response - Status
Code: 0Ch (Invalid_Param)   PASS

  (A12-3-1-4-1) ACE RequiredParams: Get with 'StartRow'; Get response - Status Code: 0Ch (Invalid_Param)   PASS

  (A12-3-1-5-1) ACE RequiredParams: Get with 'EndRow'; Get response - Status Code: 0Ch (Invalid_Param)   PASS
  (A12-3-1-6-6) ACE RequiredParams: Get with 'StartCol' > maximum; Get response - Status Code: 0Ch
(Invalid_Param)   PASS
  (A12-3-1-6-10) ACE RequiredParams: Get without 'StartCol' component; Get response - Pass   PASS
  (A12-3-1-7-6) ACE RequiredParams: Get with 'EndCol' > maximum; Get response - Status Code: 0Ch
(Invalid_Param)   PASS
  (A12-3-1-7-9) ACE RequiredParams: Get without 'EndCol' component; Get response - Pass   PASS

(A12-3-1-7-10) ACE RequiredParams: Get with 'EndCol' encoded prior to 'StartCol'; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-3-1-7-10(2)) ACE RequiredParams: Get with the number of 'StartCol' > 'EndCol'; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-0-1-1-1) Authority RequiredParams: Get with 'Table' component; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-0-1-1-2) Authority RequiredParams: Get with 'StartColumn' component encoded twice; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-0-1-1-2) Authority RequiredParams: Get with 'EndColumn' component encoded twice; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-3-1-4-1) Authority RequiredParams: Get with 'StartRow'; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-3-1-5-1) Authority RequiredParams: Get with 'EndRow'; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-3-1-6-6) Authority RequiredParams: Get with 'StartCol' > maximum; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-3-1-6-10) Authority RequiredParams: Get without 'StartCol' component; Get response - Pass   PASS

(A12-3-1-7-6) Authority RequiredParams: Get with 'EndCol' > maximum; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-3-1-7-9) Authority RequiredParams: Get without 'EndCol' component; Get response - Pass   PASS

(A12-3-1-7-10) Authority RequiredParams: Get with 'EndCol' encoded prior to 'StartCol'; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-3-1-7-10(2)) Authority RequiredParams: Get with the number of 'StartCol' > 'EndCol'; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-0-1-1-1) C_PIN RequiredParams: Get with 'Table' component; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-0-1-1-2) C_PIN RequiredParams: Get with 'StartColumn' component encoded twice; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-0-1-1-2) C_PIN RequiredParams: Get with 'EndColumn' component encoded twice; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-3-1-4-1) C_PIN RequiredParams: Get with 'StartRow'; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-3-1-5-1) C_PIN RequiredParams: Get with 'EndRow'; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-3-1-6-6) C_PIN RequiredParams: Get with 'StartCol' > maximum; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-3-1-6-10) C_PIN RequiredParams: Get without 'StartCol' component; Get response - Pass   PASS

(A12-3-1-7-6) C_PIN RequiredParams: Get with 'EndCol' > maximum; Get response - Status Code: 0Ch
(Invalid_Param)   PASS
 (A12-3-1-7-9) C_PIN RequiredParams: Get without 'EndCol' component; Get response - Pass   PASS
 (A12-3-1-7-10) C_PIN RequiredParams: Get with 'EndCol' encoded prior to 'StartCol'; Get response - Status
Code: 0Ch (Invalid_Param)   PASS
 (A12-3-1-7-10(2)) C_PIN RequiredParams: Get with the number of 'StartCol' > 'EndCol'; Get response - Status
Code: 0Ch (Invalid_Param)   PASS
 (A12-0-1-1-1) TPerInfo RequiredParams: Get with 'Table' component; Get response - Status Code: 0Ch
(Invalid_Param)   PASS
 (A12-0-1-1-2) TPerInfo RequiredParams: Get with 'StartColumn' component encoded twice; Get response -
Status Code: 0Ch (Invalid_Param)   PASS
 (A12-0-1-1-2) TPerInfo RequiredParams: Get with 'EndColumn' component encoded twice; Get response -
Status Code: 0Ch (Invalid_Param)   PASS
 (A12-3-1-4-1) TPerInfo RequiredParams: Get with 'StartRow'; Get response - Status Code: 0Ch
(Invalid_Param)   PASS

 (A12-3-1-5-1) TPerInfo RequiredParams: Get with 'EndRow'; Get response - Status Code: 0Ch (Invalid_Param) PASS
 (A12-3-1-6-6) TPerInfo RequiredParams: Get with 'StartCol' > maximum; Get response - Status Code: 0Ch
(Invalid_Param)   PASS
 (A12-3-1-6-10) TPerInfo RequiredParams: Get without 'StartCol' component; Get response - Pass   PASS
 (A12-3-1-7-6) TPerInfo RequiredParams: Get with 'EndCol' > maximum; Get response - Status Code: 0Ch
(Invalid_Param)   PASS
 (A12-3-1-7-9) TPerInfo RequiredParams: Get without 'EndCol' component; Get response - Pass   PASS
 (A12-3-1-7-10) TPerInfo RequiredParams: Get with 'EndCol' encoded prior to 'StartCol'; Get response - Status
Code: 0Ch (Invalid_Param)   PASS
 (A12-3-1-7-10(2)) TPerInfo RequiredParams: Get with the number of 'StartCol' > 'EndCol'; Get response -
Status Code: 0Ch (Invalid_Param)   PASS
 (A12-0-1-1-1) Template RequiredParams: Get with 'Table' component; Get response - Status Code: 0Ch
(Invalid_Param)   PASS
 (A12-0-1-1-2) Template RequiredParams: Get with 'StartColumn' component encoded twice; Get response -
Status Code: 0Ch (Invalid_Param)   PASS
 (A12-0-1-1-2) Template RequiredParams: Get with 'EndColumn' component encoded twice; Get response -
Status Code: 0Ch (Invalid_Param)   PASS
 (A12-3-1-4-1) Template RequiredParams: Get with 'StartRow'; Get response - Status Code: 0Ch
(Invalid_Param)   PASS
 (A12-3-1-5-1) Template RequiredParams: Get with 'EndRow'; Get response - Status Code: 0Ch
(Invalid_Param)   PASS

(A12-3-1-6-6) Template RequiredParams: Get with 'StartCol' > maximum; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-3-1-6-10) Template RequiredParams: Get without 'StartCol' component; Get response - Pass   PASS

(A12-3-1-7-6) Template RequiredParams: Get with 'EndCol' > maximum; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-3-1-7-9) Template RequiredParams: Get without 'EndCol' component; Get response - Pass   PASS

(A12-3-1-7-10) Template RequiredParams: Get with 'EndCol' encoded prior to 'StartCol'; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-3-1-7-10(2)) Template RequiredParams: Get with the number of 'StartCol' > 'EndCol'; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-0-1-1-1) SP RequiredParams: Get with 'Table' component; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-0-1-1-2) SP RequiredParams: Get with 'StartColumn' component encoded twice; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-0-1-1-2) SP RequiredParams: Get with 'EndColumn' component encoded twice; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-3-1-4-1) SP RequiredParams: Get with 'StartRow'; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-3-1-5-1) SP RequiredParams: Get with 'EndRow'; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-3-1-6-6) SP RequiredParams: Get with 'StartCol' > maximum; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-3-1-6-10) SP RequiredParams: Get without 'StartCol' component; Get response - Pass   PASS

(A12-3-1-7-6) SP RequiredParams: Get with 'EndCol' > maximum; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-3-1-7-9) SP RequiredParams: Get without 'EndCol' component; Get response - Pass   PASS

(A12-3-1-7-10) SP RequiredParams: Get with 'EndCol' encoded prior to 'StartCol'; Get response - Status Code: 0Ch (Invalid_Param)   PASS

(A12-3-1-7-10(2)) SP RequiredParams: Get with the number of 'StartCol' > 'EndCol'; Get response - Status Code: 0Ch (Invalid_Param)   PASS

A13: Set() - Byte Table Grammar check   PASS

(A13-2-1-2-5) DataStore OptParams-where: Set with the limit of the byte table; Set response - pass   PASS

(A13-2-1-2-6) DataStore OptParams-where: Set with 'Where' > limit of the table; Set response - Status Code: 0Ch (Invalid_Param)   PASS

(A13-2-1-2-9) DataStore OptParams-where: Set without 'Where' parameter; Set response - Pass   PASS

(A13-2-1-3-5) DataStore OptParams-value: Set with data whthin limit of the table; Set response - Pass	PASS
(A13-2-1-3-6) DataStore OptParams-value: Set with data whthout limit of the table; Set response - Status Code: 0Ch (Invalid_Param)	PASS
(A13-2-1-3-9) DataStore OptParams-value: Set with length = 0 for 'Values' parameter; Set response - Pass	PASS
(A13-2-1-2-5) MBR OptParams-where: Set with the limit of the byte table; Set response - pass	N/A
(A13-2-1-2-6) MBR OptParams-where: Set with 'Where' > limit of the table; Set response - Status Code: 0Ch (Invalid_Param)	N/A
(A13-2-1-2-9) MBR OptParams-where: Set without 'Where' parameter; Set response - Pass	N/A
(A13-2-1-3-5) MBR OptParams-value: Set with data whthin limit of the table; Set response - Pass	N/A
(A13-2-1-3-6) MBR OptParams-value: Set with data whthout limit of the table; Set response - Status Code: 0Ch (Invalid_Param)	N/A
(A13-2-1-3-9) MBR OptParams-value: Set with length = 0 for 'Values' parameter; Set response - Pass	N/A
A13: Set() - Object Table (LockingSP) Grammar check	PASS
(A13-4-1-2-1) Authority OptParams-where: Set with 'Where' parameter; Set response - Status Code: 0Ch (Invalid_Param)	PASS
(A13-4-1-4-15) Authority OptParams-where: Set with ColumnName-Value which indicate the same cell's modification; Set response - Status Code: 0Ch (Invalid_Param)	PASS
(A13-4-1-2-1) Locking OptParams-where: Set with 'Where' parameter; Set response - Status Code: 0Ch (Invalid_Param)	PASS
(A13-4-1-4-14) Locking OptParams-where: Set with ColumnName-Value not encoded in ascending order; Set response - Pass	PASS
(A13-4-1-4-15) Locking OptParams-where: Set with ColumnName-Value which indicate the same cell's modification; Set response - Status Code: 0Ch (Invalid_Param)	PASS
(A13-4-1-2-1) MBRControl OptParams-where: Set with 'Where' parameter; Set response - Status Code: 0Ch (Invalid_Param)	N/A
(A13-4-1-4-14) MBRControl OptParams-where: Set with ColumnName-Value not encoded in ascending order; Set response - Pass	N/A
(A13-4-1-4-15) MBRControl OptParams-where: Set with ColumnName-Value which indicate the same cell's modification; Set response - Status Code: 0Ch (Invalid_Param)	N/A
A14: Next()-AdminSP Basic Grammar check	PASS
(A14-1-3-2-5(2)) Table OptParams-where: Next with an exiting UID in the table; Next response - Pass	PASS

(A14-1-3-2-8) Table OptParams-where: Next with nonexistent UID; Next response - Status Code: 0Ch (Invalid_Param)   PASS

(A14-1-3-2-11) Table OptParams-where: Next with omitted 'Where' parameter; Next response - first UID in the table   PASS

(A14-1-3-3-6) Table OptParams-count: Next with a larger the number of UIDs; Next response - all UIDs   PASS

(A14-1-3-3-6(2)) Table OptParams-count: Next with count = 0; Next response - no UID returned   PASS

(A14-1-3-3-10) Table OptParams-count: Next with omitted count; Next response - Pass   PASS

(A14-1-3-2-5(2)) SPTemplates OptParams-where: Next with an exiting UID in the table; Next response - Pass   PASS

(A14-1-3-2-8) SPTemplates OptParams-where: Next with nonexistent UID; Next response - Status Code: 0Ch (Invalid_Param)   PASS

(A14-1-3-2-11) SPTemplates OptParams-where: Next with omitted 'Where' parameter; Next response - first UID in the table   PASS

(A14-1-3-3-6) SPTemplates OptParams-count: Next with a larger the number of UIDs; Next response - all UIDs   PASS

(A14-1-3-3-6(2)) SPTemplates OptParams-count: Next with count = 0; Next response - no UID returned   PASS

(A14-1-3-3-10) SPTemplates OptParams-count: Next with omitted count; Next response - Pass   PASS

(A14-1-3-2-5(2)) MethodID OptParams-where: Next with an exiting UID in the table; Next response - Pass   PASS

(A14-1-3-2-8) MethodID OptParams-where: Next with nonexistent UID; Next response - Status Code: 0Ch (Invalid_Param)   PASS

(A14-1-3-2-11) MethodID OptParams-where: Next with omitted 'Where' parameter; Next response - first UID in the table   PASS

(A14-1-3-3-6) MethodID OptParams-count: Next with a larger the number of UIDs; Next response - all UIDs   PASS

(A14-1-3-3-6(2)) MethodID OptParams-count: Next with count = 0; Next response - no UID returned   PASS

(A14-1-3-3-10) MethodID OptParams-count: Next with omitted count; Next response - Pass   PASS

(A14-1-3-2-5(2)) ACE OptParams-where: Next with an exiting UID in the table; Next response - Pass   PASS

(A14-1-3-2-8) ACE OptParams-where: Next with nonexistent UID; Next response - Status Code: 0Ch (Invalid_Param)   PASS

(A14-1-3-2-11) ACE OptParams-where: Next with omitted 'Where' parameter; Next response - first UID in the table   PASS

(A14-1-3-3-6) ACE OptParams-count: Next with a larger the number of UIDs; Next response - all UIDs   PASS

(A14-1-3-3-6(2)) ACE OptParams-count: Next with count = 0; Next response - no UID returned   PASS
(A14-1-3-3-10) ACE OptParams-count: Next with omitted count; Next response - Pass   PASS

(A14-1-3-2-5(2)) Authority OptParams-where: Next with an exiting UID in the table; Next response - Pass   PASS
(A14-1-3-2-8) Authority OptParams-where: Next with nonexistent UID; Next response - Status Code: 0Ch
(Invalid_Param)   PASS
(A14-1-3-2-11) Authority OptParams-where: Next with omitted 'Where' parameter; Next response - first UID
in the table   PASS

(A14-1-3-3-6) Authority OptParams-count: Next with a larger the number of UIDs; Next response - all UIDs   PASS

(A14-1-3-3-6(2)) Authority OptParams-count: Next with count = 0; Next response - no UID returned   PASS
(A14-1-3-3-10) Authority OptParams-count: Next with omitted count; Next response - Pass   PASS

(A14-1-3-2-5(2)) C_PIN OptParams-where: Next with an exiting UID in the table; Next response - Pass   PASS
(A14-1-3-2-8) C_PIN OptParams-where: Next with nonexistent UID; Next response - Status Code: 0Ch
(Invalid_Param)   PASS
(A14-1-3-2-11) C_PIN OptParams-where: Next with omitted 'Where' parameter; Next response - first UID in
the table   PASS

(A14-1-3-3-6) C_PIN OptParams-count: Next with a larger the number of UIDs; Next response - all UIDs   PASS
(A14-1-3-3-6(2)) C_PIN OptParams-count: Next with count = 0; Next response - no UID returned   PASS
(A14-1-3-3-10) C_PIN OptParams-count: Next with omitted count; Next response - Pass   PASS

(A14-1-3-2-5(2)) Template OptParams-where: Next with an exiting UID in the table; Next response - Pass   PASS
(A14-1-3-2-8) Template OptParams-where: Next with nonexistent UID; Next response - Status Code: 0Ch
(Invalid_Param)   PASS
(A14-1-3-2-11) Template OptParams-where: Next with omitted 'Where' parameter; Next response - first UID
in the table   PASS

(A14-1-3-3-6) Template OptParams-count: Next with a larger the number of UIDs; Next response - all UIDs   PASS

(A14-1-3-3-6(2)) Template OptParams-count: Next with count = 0; Next response - no UID returned   PASS
(A14-1-3-3-10) Template OptParams-count: Next with omitted count; Next response - Pass   PASS

(A14-1-3-2-5(2)) SP OptParams-where: Next with an exiting UID in the table; Next response - Pass   PASS
(A14-1-3-2-8) SP OptParams-where: Next with nonexistent UID; Next response - Status Code: 0Ch
(Invalid_Param)   PASS

(A14-1-3-2-11) SP OptParams-where: Next with omitted 'Where' parameter; Next response - first UID in the table   PASS

(A14-1-3-3-6) SP OptParams-count: Next with a larger the number of UIDs; Next response - all UIDs   PASS
(A14-1-3-3-6(2)) SP OptParams-count: Next with count = 0; Next response - no UID returned   PASS
(A14-1-3-3-10) SP OptParams-count: Next with omitted count; Next response - Pass   PASS

A15: GetACL()-AdminSP Basic Grammar check   PASS
(A15-1-1-0-1) Table Condition: GetACL without UID of access control table; GetACL response - Status Code: 01h (Not_Authority)   PASS
(A15-1-2-1-1(2)) Table ReqParams-invokingID: GetACL with medium atom for InvokingID; GetACL response - Pass   PASS

(A15-1-2-1-1(2)) Table ReqParams-invokingID: GetACL with long atom for InvokingID; GetACL response - Pass   PASS
(A15-1-2-2-1(2)) Table ReqParams-methodID: GetACL with medium atom for MethodID; GetACL response - Pass   PASS

(A15-1-2-2-1(2)) Table ReqParams-methodID: GetACL with long atom for MethodID; GetACL response - Pass   PASS
(A15-1-2-3-1) Table ReqParams: GetACL with nonexistence of 'InvokingID' and 'MethodID'; GetACL response - Status Code: 01h (Not_Authority)   PASS
(A15-1-1-0-1) SPInfo Condition: GetACL without UID of access control table; GetACL response - Status Code: 01h (Not_Authority)   PASS
(A15-1-2-1-1(2)) SPInfo ReqParams-invokingID: GetACL with medium atom for InvokingID; GetACL response - Pass   PASS

(A15-1-2-1-1(2)) SPInfo ReqParams-invokingID: GetACL with long atom for InvokingID; GetACL response - Pass   PASS
(A15-1-2-2-1(2)) SPInfo ReqParams-methodID: GetACL with medium atom for MethodID; GetACL response - Pass   PASS

(A15-1-2-2-1(2)) SPInfo ReqParams-methodID: GetACL with long atom for MethodID; GetACL response - Pass   PASS
(A15-1-2-3-1) SPInfo ReqParams: GetACL with nonexistence of 'InvokingID' and 'MethodID'; GetACL response - Status Code: 01h (Not_Authority)   PASS
(A15-1-1-0-1) SPTemplates Condition: GetACL without UID of access control table; GetACL response - Status Code: 01h (Not_Authority)   PASS
(A15-1-2-1-1(2)) SPTemplates ReqParams-invokingID: GetACL with medium atom for InvokingID; GetACL response - Pass   PASS
(A15-1-2-1-1(2)) SPTemplates ReqParams-invokingID: GetACL with long atom for InvokingID; GetACL response - Pass   PASS

(A15-1-2-2-1(2)) SPTemplates ReqParams-methodID: GetACL with medium atom for MethodID; GetACL response - Pass   PASS

(A15-1-2-2-1(2)) SPTemplates ReqParams-methodID: GetACL with long atom for MethodID; GetACL response Pass   PASS

(A15-1-2-3-1) SPTemplates ReqParams: GetACL with nonexistence of 'InvokingID' and 'MethodID'; GetACL response - Status Code: 01h (Not_Authority)   PASS

(A15-1-1-0-1) MethodID Condition: GetACL without UID of access control table; GetACL response - Status Code: 01h (Not_Authority)   PASS

(A15-1-2-1-1(2)) MethodID ReqParams-invokingID: GetACL with medium atom for InvokingID; GetACL response - Pass   PASS

(A15-1-2-1-1(2)) MethodID ReqParams-invokingID: GetACL with long atom for InvokingID; GetACL response - Pass   PASS

(A15-1-2-2-1(2)) MethodID ReqParams-methodID: GetACL with medium atom for MethodID; GetACL response - Pass   PASS

(A15-1-2-2-1(2)) MethodID ReqParams-methodID: GetACL with long atom for MethodID; GetACL response - Pass   PASS

(A15-1-2-3-1) MethodID ReqParams: GetACL with nonexistence of 'InvokingID' and 'MethodID'; GetACL response - Status Code: 01h (Not_Authority)   PASS

(A15-1-1-0-1) ACE Condition: GetACL without UID of access control table; GetACL response - Status Code: 01h (Not_Authority)   PASS

(A15-1-2-1-1(2)) ACE ReqParams-invokingID: GetACL with medium atom for InvokingID; GetACL response - Pass   PASS

(A15-1-2-1-1(2)) ACE ReqParams-invokingID: GetACL with long atom for InvokingID; GetACL response - Pass   PASS

(A15-1-2-2-1(2)) ACE ReqParams-methodID: GetACL with medium atom for MethodID; GetACL response - Pass   PASS

(A15-1-2-2-1(2)) ACE ReqParams-methodID: GetACL with long atom for MethodID; GetACL response - Pass   PASS

(A15-1-2-3-1) ACE ReqParams: GetACL with nonexistence of 'InvokingID' and 'MethodID'; GetACL response - Status Code: 01h (Not_Authority)   PASS

(A15-1-1-0-1) Authority Condition: GetACL without UID of access control table; GetACL response - Status Code: 01h (Not_Authority)   PASS

(A15-1-2-1-1(2)) Authority ReqParams-invokingID: GetACL with medium atom for InvokingID; GetACL response - Pass   PASS

(A15-1-2-1-1(2)) Authority ReqParams-invokingID: GetACL with long atom for InvokingID; GetACL response - Pass   PASS

(A15-1-2-2-1(2)) Authority ReqParams-methodID: GetACL with medium atom for MethodID; GetACL response - Pass   PASS

(A15-1-2-2-1(2)) Authority ReqParams-methodID: GetACL with long atom for MethodID; GetACL response - Pass   PASS

(A15-1-2-3-1) Authority ReqParams: GetACL with nonexistence of 'InvokingID' and 'MethodID'; GetACL response - Status Code: 01h (Not_Authority)   PASS

(A15-1-1-0-1) C_PIN Condition: GetACL without UID of access control table; GetACL response - Status Code: 01h (Not_Authority)   PASS

(A15-1-2-1-1(2)) C_PIN ReqParams-invokingID: GetACL with medium atom for InvokingID; GetACL response - Pass   PASS

(A15-1-2-1-1(2)) C_PIN ReqParams-invokingID: GetACL with long atom for InvokingID; GetACL response - Pass   PASS

(A15-1-2-2-1(2)) C_PIN ReqParams-methodID: GetACL with medium atom for MethodID; GetACL response - Pass   PASS

(A15-1-2-2-1(2)) C_PIN ReqParams-methodID: GetACL with long atom for MethodID; GetACL response - Pass   PASS

(A15-1-2-3-1) C_PIN ReqParams: GetACL with nonexistence of 'InvokingID' and 'MethodID'; GetACL response - Status Code: 01h (Not_Authority)   PASS

(A15-1-1-0-1) TPerInfo Condition: GetACL without UID of access control table; GetACL response - Status Code: 01h (Not_Authority)   PASS

(A15-1-2-1-1(2)) TPerInfo ReqParams-invokingID: GetACL with medium atom for InvokingID; GetACL response - Pass   PASS

(A15-1-2-1-1(2)) TPerInfo ReqParams-invokingID: GetACL with long atom for InvokingID; GetACL response - Pass   PASS

(A15-1-2-2-1(2)) TPerInfo ReqParams-methodID: GetACL with medium atom for MethodID; GetACL response - Pass   PASS

(A15-1-2-2-1(2)) TPerInfo ReqParams-methodID: GetACL with long atom for MethodID; GetACL response - Pass   PASS

(A15-1-2-3-1) TPerInfo ReqParams: GetACL with nonexistence of 'InvokingID' and 'MethodID'; GetACL response - Status Code: 01h (Not_Authority)   PASS

(A15-1-1-0-1) Template Condition: GetACL without UID of access control table; GetACL response - Status Code: 01h (Not_Authority)   PASS

(A15-1-2-1-1(2)) Template ReqParams-invokingID: GetACL with medium atom for InvokingID; GetACL response - Pass   PASS

(A15-1-2-1-1(2)) Template ReqParams-invokingID: GetACL with long atom for InvokingID; GetACL response - Pass   PASS

(A15-1-2-2-1(2)) Template ReqParams-methodID: GetACL with medium atom for MethodID; GetACL response - Pass   PASS

(A15-1-2-2-1(2)) Template ReqParams-methodID: GetACL with long atom for MethodID; GetACL response - Pass   PASS

(A15-1-2-3-1) Template ReqParams: GetACL with nonexistence of 'InvokingID' and 'MethodID'; GetACL response - Status Code: 01h (Not_Authority)   PASS

(A15-1-1-0-1) SP Condition: GetACL without UID of access control table; GetACL response - Status Code: 01h (Not_Authority)   PASS

(A15-1-2-1-1(2)) SP ReqParams-invokingID: GetACL with medium atom for InvokingID; GetACL response - Pass   PASS

(A15-1-2-1-1(2)) SP ReqParams-invokingID: GetACL with long atom for InvokingID; GetACL response - Pass   PASS

(A15-1-2-2-1(2)) SP ReqParams-methodID: GetACL with medium atom for MethodID; GetACL response - Pass   PASS

(A15-1-2-2-1(2)) SP ReqParams-methodID: GetACL with long atom for MethodID; GetACL response - Pass   PASS

(A15-1-2-3-1) SP ReqParams: GetACL with nonexistence of 'InvokingID' and 'MethodID'; GetACL response - Status Code: 01h (Not_Authority)   PASS

A19: RevertSP() Grammar check   PASS

(A19-1-3-1-10) KeepData: RevertSP to LockingSP with the omitted KeepData; RevertSP Response - Pass   PASS

Revert LockingSP   PASS
  Start Session with HostChallenge - AdminSP   PASS
  Sync Session - AdminSP   PASS
  LockingSP.Revert - Request   PASS
  LockingSP.Revert - Response   PASS
  End Session - Request   PASS
  End Session - Response   PASS

Activating the Locking SP   PASS
  Start Session with HostChallenge - AdminSP   PASS
  Sync Session - AdminSP   PASS
  Activate_LockingSP   PASS
  Activate_LockingSP - Response   PASS
  Get - LifeCycle(Locking SP) - Request   PASS
  Get - LifeCycle(Locking SP) - Response   PASS
  Check the state of LockingSP   PASS
  End Session - Request   PASS
  End Session - Response   PASS

D1: ACE.Set() Grammar and Effect   PASS
  (D1-1-1-1-9) ACE.Set Grammar: Request with right params; Set response - pass   PASS
  (D1-1-1-1-10) ACE.Set Grammar: Request with non-parsed boolean expression form; Set response - Session
abort   PASS

  (D1-1-1-1-11) ACE.Set Grammar: Request with at most the maximum size of AC_Element; Set response - pass PASS
  (D1-1-1-1-13) ACE.Set Grammar: Request with AC_Element > maximum size; Set response - Status Code: 0Ch
(Invalid_Param)   PASS
  (D1-1-2-1-1) ACE.Get is issued to verify; Data comparison - Matching   PASS
  (D1-1-2-1-2) ACE.Set with different UIDs; ACE.Get is issued to verify data - Matching   PASS

  (D1-1-3-1-1) ACE.Set in a transaction with endTransaction status = 0; The new value retains the set value   PASS
  (D1-1-3-1-2) ACE.Set in a transaction with endTransaction status = 1; The value changes back to the original
value   PASS

D2: Authority.Set() testing   PASS

  (D2-1-2-1-1) Get Request (User1) - 'Enabled' column (05h); Get Response - 1/0 in 'Enabled' column   PASS

  (D2-1-2-2-1) Authenticate - User1(Enabled=1); Authenticate Response - Success (AuthStatus = 01h)   PASS
  (D2-1-2-3-1) Authenticate - User1(Enabled=0); Authenticate Response - Fail   PASS
  (D2-1-2-3-2) The previous successful authentication result with this authority in this session shall not be
affected   N/A
  (D2-1-2-2-1) Start Session - as User1(Enabled=1); Sync Session - Pass   PASS
  (D2-1-2-3-1) Start Session - as User1(Enabled=0); Sync Session - Fail   PASS

  (D2-1-3-1-1) Authority.Set in a transaction and endTran' status = 0; The new value retains the set value   PASS
  (D2-1-3-1-2) Authority.Set in a transaction and endTran' status = 1; The value changes back to the original
value   PASS

D3: C_PIN.Set()   PASS
  (D3-1-2-1-2) Set Request: PIN = Null; Response: Pass   PASS
  (D3-1-2-1-2) Set Request: PIN with 32 byte; Response: Pass   PASS

  (D3-1-3-1-1) Set new PIN in a transaction with endTransaction status = 0; The PIN retains the set value   PASS
  (D3-1-3-1-2) Set new PIN in a transaction with endTransaction status = 1; The PIN changes back to the original
value   PASS

Test	Result
D4: Locking.Set() for 'RangeStart' and 'RangeLength'	N/A
(D4-1-2-1-2) RangeStart/Length: overlaps with any other range's LBA; Response - Status Code: 0Ch (Invalid_Param)	N/A
(D4-1-3-1-1) RangeStart/Len Effect: Set with right Name-Value's values; Response - Pass	N/A
(D4-1-3-1-1) RangeStart/Len Effect: Get the values of 'RangeStart' and 'RangeLength'; Get() retrieves the values indicated by Set()	N/A
(D4-1-3-2-1) RangeStart/Len Effect: with 'RangeStart'=changed and 'RangeLength'!=0; Response with Get - the values as intended by Set()	N/A
(D4-1-3-3-1) RangeStart/Len Effect: with 'RangeStart'=changed and 'RangeLength'=0; Response with Get - no LBA covered by that range	N/A
(D4-1-3-4-1) RangeStart/Len Effect: with 'RangeLength'!=0; Response with Get - the values as intended by Set()	N/A
(D4-1-3-5-1) RangeStart/Len Effect: with 'RangeLength'=0; Response with Get - no LBA covered by that range	N/A
(D4-1-4-1-1) RangeStart/Len Effect in Trans: Set RangeStart in a transaction and endTran's status=0; The value retains the set value	N/A
(D4-1-4-1-2) RangeStart/Len Effect in Trans: Set RangeStart in a transaction and endTran's status=1; The value changes back to the original value	N/A
D4: Locking.Set() for 'ReadLockEnabled' and 'ReadLocked'	PASS
(D4-2-2-1-1) RdLockEnabled/Locked: Set and Get the contents of 'ReadLockEnabled' and 'ReadLocked'; Get() retrieves the values indicated by Set()	PASS
(D4-2-2-2-1) RdLockEnabled/Locked=1 w/ inactive MBR shadowing: Read with this locked range; Response - Command abort	N/A
(D4-2-2-2-1(2)) RdLockEnabled/Locked=1 w/ inactive MBR shadowing: Read with other range; Response - Command abort	N/A
(D4-2-2-2-2) RdLockEnabled/Locked=1 w/ active MBR shadowing: Read with LBA covered by this range and not by MBR; Response - all-0 data returned	N/A
(D4-2-2-2-3) RdLockEnabled/Locked=1: Locked bit = 1 in Level 0 Discovery	N/A
(D4-2-2-2-5) RdLockEnabled/Locked=1: Power-on reset; Response - 'ReadLocked' = 1	N/A
(D4-2-2-3-1) RdLockEnabled/Locked=1/0 w/ inactive MBR shadowing: Read with this locked range; Response - Pass	N/A
(D4-2-2-3-1(2)) RdLockEnabled/Locked=1/0 w/ inactive MBR shadowing: Read with multiple ranges (range2); Response - Abort/Pass(if rangeCrossing=1/0)	N/A
(D4-2-2-3-1(2)) RdLockEnabled/Locked=1/0 w/ inactive MBR shadowing: Read with multiple ranges (globalRange); Response - Abort/Pass(if rangeCrossing=1/0)	N/A
(D4-2-2-3-2) RdLockEnabled/Locked=1/0 w/ active MBR shadowing: Read with LBA covered by this range and not by MBR; Response - pass	N/A

(D4-2-2-3-3) RdLockEnabled/Locked=1/0: Locked bit = 0/1 in Level 0 Discovery (unlocked-write and unlocked-read on other ranges)	N/A
(D4-2-2-3-5) RdLockEnabled/Locked=1/0: Power-on reset; Response - 'ReadLocked' = 1	N/A
(D4-2-2-4-1) RdLockEnabled/Locked=0/0 w/ inactive MBR shadowing: Read with this range; Response - Pass	N/A
(D4-2-2-4-1(2)) RdLockEnabled/Locked=0/0 w/ inactive MBR shadowing: Read with multiple ranges (globalRange); Response - Abort/Pass(if rangeCrossing=1/0)	N/A
(D4-2-2-4-1(2)) RdLockEnabled/Locked=0/0 w/ inactive MBR shadowing: Read with multiple ranges (range2); Response - Abort/Pass(if rangeCrossing=1/0)	N/A
(D4-2-2-4-2) RdLockEnabled/Locked=0/0 w/ active MBR shadowing: Read with LBA covered by this range and not by MBR; Response - Pass	N/A
(D4-2-2-4-3) RdLockEnabled/Locked=0/0: Locked bit = 0/1 in Level 0 Discovery (unlocked-write and unlocked-read on other ranges)	N/A
(D4-2-2-4-1) RdLockEnabled/Locked=0/1 w/ inactive MBR shadowing: Read with this range; Response - Pass	N/A
(D4-2-2-4-1(2)) RdLockEnabled/Locked=0/1 w/ inactive MBR shadowing: Read with multiple ranges (globalRange); Response - Abort/Pass(if rangeCrossing=1/0)	N/A
(D4-2-2-4-1(2)) RdLockEnabled/Locked=0/1 w/ inactive MBR shadowing: Read with multiple ranges (range2); Response - Abort/Pass(if rangeCrossing=1/0)	N/A
(D4-2-2-4-2) RdLockEnabled/Locked=0/1 w/ active MBR shadowing: Read with LBA covered by this range and not by MBR; Response - Pass	N/A
(D4-2-2-4-3) RdLockEnabled/Locked=0/1: Locked bit = 0/1 in Level 0 Discovery (unlocked-write and unlocked-read on other ranges)	N/A
(D4-2-3-1-1) ReadLock Effect in Trans: Set ReadLockEnabled in a transaction and endTran's status=0; The value retains the set value	PASS
(D4-2-3-1-2) ReadLock Effect in Trans: Set ReadLockEnabled in a transaction and endTran's status=1; The value changes back to the original value	PASS
D4: Locking.Set() for 'WriteLockEnabled' and 'WriteLocked'	PASS
(D4-3-2-1-1) WrLockEnabled/Locked: Set WriteLockEnabled with tiny atom; Response - Pass	PASS
(D4-3-2-1-1) WrLockEnabled/Locked: Get the contents of 'WriteLockEnabled' and 'WriteLocked'; Get() retrieves the values indicated by Set()	PASS
(D4-3-2-2-1) WrLockEnabled/Locked=1/1 w/ inactive MBR shadowing: Write with this locked range; Response - Command abort	N/A
(D4-3-2-2-1(2)) WrLockEnabled/Locked=1/1 w/ inactive MBR shadowing: Write with other range; Response - Command abort	N/A
(D4-3-2-2-2) WrLockEnabled/Locked=1/1 w/ active MBR shadowing: Write with LBA covered by this range and not by MBR; Response - Command abort	N/A

(D4-3-2-2-3) WrLockEnabled/Locked=1/1: Locked bit = 0 in Level 0 Discovery	N/A
(D4-3-2-2-5) WrLockEnabled/Locked=1/1: Power-on reset; Response - 'WriteLocked' = 1	N/A
(D4-3-2-3-1) WrLockEnabled/Locked=1/0 w/ inactive MBR shadowing: Write with this locked range; Response - Pass	N/A
(D4-3-2-3-1(2)) WrLockEnabled/Locked=1/0 w/ inactive MBR shadowing: Write with multiple ranges (range2); Response - Abort/Pass(if rangeCrossing=1/0)	N/A
(D4-3-2-3-1(2)) WrLockEnabled/Locked=1/0 w/ inactive MBR shadowing: Write with multiple ranges (globalrange); Response - Abort/Pass(if rangeCrossing=1/0)	N/A
(D4-3-2-3-2) WrLockEnabled/Locked=1/0 w/ active MBR shadowing: Write with LBA covered by this range and not by MBR; Response - Pass	N/A
(D4-3-2-3-3) WrLockEnabled/Locked=1/0: Locked bit = 0/1 in Level 0 Discovery (unlocked-write and unlocked-read on other ranges)	N/A
(D4-3-2-3-5) WrLockEnabled/Locked=1/0: Power-on reset; Response - 'WriteLocked' = 1	N/A
(D4-3-2-4-1) WrLockEnabled/Locked=0/0 w/ inactive MBR shadowing: Write with this range; Response - Pass	N/A
(D4-3-2-4-1(2)) WrLockEnabled/Locked=0/0 w/ inactive MBR shadowing: Write with multiple ranges (range2); Response - Abort/Pass(if rangeCrossing=1/0)	N/A
(D4-3-2-4-1(2)) WrLockEnabled/Locked=0/0 w/ inactive MBR shadowing: Write with multiple ranges (globalRange); Response - Abort/Pass(if rangeCrossing=1/0)	N/A
(D4-3-2-4-2) WrLockEnabled/Locked=0/0 w/ active MBR shadowing: Write with LBA covered by this range and not by MBR; Response - Pass	N/A
(D4-3-2-4-3) WrLockEnabled/Locked=0/0: Locked bit = 0/1 in Level 0 Discovery (unlocked-write and unlocked-read on other ranges)	N/A
(D4-3-2-4-1) WrLockEnabled/Locked=0/1 w/ inactive MBR shadowing: Write with this range; Response - Pass	N/A
(D4-3-2-4-1(2)) WrLockEnabled/Locked=0/1 w/ inactive MBR shadowing: Write with multiple ranges (range2); Response - Abort/Pass(if rangeCrossing=1/0)	N/A
(D4-3-2-4-1(2)) WrLockEnabled/Locked=0/1 w/ inactive MBR shadowing: Write with multiple ranges (globalRange); Response - Abort/Pass(if rangeCrossing=1/0)	N/A
(D4-3-2-4-2) WrLockEnabled/Locked=0/1 w/ active MBR shadowing: Write with LBA covered by this range and not by MBR; Response - Pass	N/A
(D4-3-2-4-3) WrLockEnabled/Locked=0/1: Locked bit = 0/1 in Level 0 Discovery (unlocked-write and unlocked-read on other ranges)	N/A
(D4-3-3-1-1) WriteLock Effect in Trans: Set WriteLockEnabled in a transaction and endTran's status=0; The value retains the set value	PASS
(D4-3-3-1-2) WriteLock Effect in Trans: Set WriteLockEnabled in a transaction and endTran's status=1; The value changes back to the original value	PASS

D5: MBRControl.Set() Grammar and Effect	N/A
(D5-1-2-1-1) Set Enable/Done = True (01h); Response - Pass	N/A
(D5-1-2-1-1) Get Enable/Done value; Get() retrieves the values indicated by Set()	N/A
(D5-1-2-2-2) Enable/Done=1: Read command: pass (Read/WriteLockEnabled = 0)	N/A
(D5-1-2-2-3) Enable/Done=1: Write command: pass (Read/WriteLockEnabled = 0)	N/A
(D5-1-2-2-2) Enable/Done=1: Write command: pass (ReadLockEnabled/ReadLocked = 0/1)	N/A
(D5-1-2-2-3) Enable/Done=1: Read command: pass (WriteLockEnabled/WriteLocked = 0/1)	N/A
(D5-1-2-2-2) Enable/Done=1: Read with multiple ranges (range2): pass/abort (Read/WriteLockEnabled = 0: rangeCross = 0/1)	N/A
(D5-1-2-2-3) Enable/Done=1: Write with multiple ranges (range2): pass/abort (Read/WriteLockEnabled = 0: rangeCross = 0/1)	N/A
(D5-1-2-2-2) Enable/Done=1: Read with multiple ranges (globalRange): pass/abort (Read/WriteLockEnabled = 0: rangeCross = 0/1)	N/A
(D5-1-2-2-3) Enable/Done=1: Write with multiple ranges (globalRange): pass/abort (Read/WriteLockEnabled = 0: rangeCross = 0/1)	N/A
(D5-1-2-2-2) Enable/Done=1: Read command: abort (ReadLocked = 1)	N/A
(D5-1-2-2-4) Enable/Done=1: Write command: abort (WriteLocked = 1)	N/A
(D5-1-2-2-4(2)) Enable/Done=1: 'MBRDone' bit = 1 from Level0_Discovery	N/A
(D5-1-2-2-3) Enable/Done=1: 'MBREnable' bit = 1 from Level0_Discovery	N/A
(D5-1-2-2-2) Enable/Done=1: Read with ReadLockEnabled/ReadLocked = 1/Mixed on multiple ranges (Range2): abort	N/A
(D5-1-2-2-3) Enable/Done=1: Write with WriteLockEnabled/ReadLocked = 1/Mixed on multiple ranges (Range2): abort	N/A
(D5-1-2-2-2) Enable/Done=1: Read with ReadLockEnabled/ReadLocked = 1/Mixed on multiple ranges (globalRange): abort	N/A
(D5-1-2-2-3) Enable/Done=1: Write with WriteLockEnabled/ReadLocked = 1/Mixed on multiple ranges (globalRange): abort	N/A
(D5-1-2-2-1) Enable/Done=1: 'MBRDone' bit = 0 after power cycle	N/A
(D5-1-2-3-1) Enable/Done=1/0: 'MBRDone' bit = 0 after power cycle	N/A
(D5-1-2-3-2) Enable/Done=1/0: Read addressing ONLY LBA covered by MBR table; MBR data returned	N/A
(D5-1-2-3-2(2)) Enable/Done=1/0: Read addressing LBA covered by MBR table and not by MBR; Command aborted	N/A
(D5-1-2-3-3) Enable/Done=1/0: Write addressing ONLY LBA covered by MBR table; Write Command aborted	N/A
(D5-1-2-3-3(2)) Enable/Done=1/0: Write addressing LBA covered by MBR table and not by MBR; Write Command aborted	N/A
(D5-1-2-3-6) Enable/Done=1/0: 'MBRDone' bit = 0 from Level0_Discovery	N/A

(D5-1-2-3-6(2)) Enable/Done=1/0: 'MBREnable' bit = 1 from Level0_Discovery	N/A
Enable/Done=1/0: Read with ReadLockEnabled/ReadLocked = 1/Mixed on multiple ranges not by MBR (Range2): abort	N/A
Enable/Done=1/0: Write with WriteLockEnabled/ReadLocked = 1/Mixed on multiple ranges not by MBR (Range2): abort	N/A
Enable/Done=1/0: Read with ReadLockEnabled/ReadLocked = 1/Mixed on multiple ranges not by MBR (globalRange): abort	N/A
Enable/Done=1/0: Write with WriteLockEnabled/ReadLocked = 1/Mixed on multiple ranges not by MBR (globalRange): abort	N/A
(D5-1-2-4-1) Enable/Done=0/0: Read command: pass (Read/WriteLockEnabled = 0)	N/A
(D5-1-2-4-2) Enable/Done=0/0: Write command: pass (Read/WriteLockEnabled = 0)	N/A
(D5-1-2-4-1) Enable/Done=0/0: Read with multiple ranges (range2): pass/abort (Read/WriteLockEnabled = 0: rangeCross = 0/1)	N/A
(D5-1-2-4-2) Enable/Done=0/0: Write with multiple ranges (range2): pass/abort (Read/WriteLockEnabled = 0: rangeCross = 0/1)	N/A
(D5-1-2-4-1) Enable/Done=0/0: Read with multiple ranges (globalRange): pass/abort (Read/WriteLockEnabled = 0: rangeCross = 0/1)	N/A
(D5-1-2-4-2) Enable/Done=0/0: Write with multiple ranges (globalRange): pass/abort (Read/WriteLockEnabled = 0: rangeCross = 0/1)	N/A
(D5-1-2-4-1) Enable/Done=0/0: Read command: fail (ReadLocked = 1)	N/A
(D5-1-2-4-2) Enable/Done=0/0: Write command: fail (WriteLocked = 1)	N/A
(D5-1-2-4-3) Enable/Done=0/0: 'MBRDone' bit = 0 from Level0_Discovery	N/A
(D5-1-2-4-3(2)) Enable/Done=0/0: 'MBREnable' bit = 0 from Level0_Discovery	N/A
Enable/Done=0/0: Read with ReadLockEnabled/ReadLocked= 1/Mixed on multiple ranges (Range2): abort	N/A
Enable/Done=0/0: Write with WriteLockEnabled/ReadLocked = 1/Mixed on multiple ranges (Range2): abort	N/A
Enable/Done=0/0: Read with ReadLockEnabled/ReadLocked = 1/Mixed on multiple ranges (globalRange): abort	N/A
Enable/Done=0/0: Write with WriteLockEnabled/ReadLocked = 1/Mixed on multiple ranges (globalRange): abort	N/A
(D5-1-2-4-1) Enable/Done=0/1: Read command: pass (Read/WriteLockEnabled = 0)	N/A
(D5-1-2-4-2) Enable/Done=0/1: Write command: pass (Read/WriteLockEnabled = 0)	N/A
(D5-1-2-4-1) Enable/Done=0/1: Read with multiple ranges (range2): pass/abort (Read/WriteLockEnabled = 0: rangeCross = 0/1)	N/A
(D5-1-2-4-2) Enable/Done=0/1: Write with multiple ranges (range2): pass/abort (Read/WriteLockEnabled = 0: rangeCross = 0/1)	N/A

(D5-1-2-4-1) Enable/Done=0/1: Read with multiple ranges (globalRange): pass/abort (Read/WriteLockEnabled = 0: rangeCross = 0/1)	N/A
(D5-1-2-4-2) Enable/Done=0/1: Write with multiple ranges (globalRange): pass/abort (Read/WriteLockEnabled = 0: rangeCross = 0/1)	N/A
(D5-1-2-4-1) Enable/Done=0/1: Read command: fail (ReadLocked = 1)	N/A
(D5-1-2-4-2) Enable/Done=0/1: Write command: fail (WriteLocked = 1)	N/A
(D5-1-2-4-3) Enable/Done=0/1: 'MBRDone' bit = 0 from Level0_Discovery	N/A
(D5-1-2-4-3(2)) Enable/Done=0/1: 'MBREnable' bit = 0 from Level0_Discovery	N/A
Enable/Done=0/1: Read with ReadLockEnabled/ReadLocked = 1/Mixed on multiple ranges (Range2): abort	N/A
Enable/Done=0/1: Write with WriteLockEnabled/ReadLocked = 1/Mixed on multiple ranges (Range2): abort	N/A
Enable/Done=0/1: Read with ReadLockEnabled/ReadLocked = 1/Mixed on multiple ranges (globalRange): abort	N/A
Enable/Done=0/1: Write with WriteLockEnabled/ReadLocked = 1/Mixed on multiple ranges (globalRange): abort	N/A
(D5-1-3-1-1) Set 'Enable' = 1 in a transaction and endTransaction status = 0; The value retains the set value	N/A
(D5-1-3-1-2) Set 'Enable' = 0 in a transaction and endTransaction status = 1; The value changes back to the original value	N/A
D6: MBR.Set() Grammar and Effect	N/A
(D6-1-1-1-1) Set data into MBR table; Response - Pass	N/A
(D6-1-1-1-1) Get data from MBR table; Compare data - Matching	N/A
(D6-1-1-1-1(2)) Read commands will retrieve MBR data - Pass	N/A
(D6-1-2-1-1) Set data to MBR table in a transaction with endTransaction status = 0; The data retains the set value	N/A
(D6-1-2-1-2) Set data to MBR table in a transaction with endTransaction status = 1; The data changes back to the original value	N/A
D7: DataStore.Set() -Basic Grammar and Effect	PASS
(D7-1-1-1-1) Set Datastore; Response - Pass	PASS
(D7-1-1-1-1) Get Datastore and Compare data; Data - matching	PASS
(D7-1-2-1-1) Datastore.Set in a transaction with endTransaction status = 0; The data retains the set value	PASS
(D7-1-2-1-2) Datastore.Set in a transaction with endTransaction status = 1; The data changes back to the original value	PASS

D8: GenKey() Effect check	N/A
(D8-1-1-1-1) GenKey Grammar: Request with rigth parameter; Response - pass	N/A
(D8-1-2-1-1) GenKey Effect: The media encryption key used to encrypt/decrypt user data changes	N/A
(D8-1-3-1-1) GenKey Effect in a transaction with endTransaction status = 0; The range's media encryption key changes	N/A
(D8-1-3-1-2) GenKey Effect in a transaction with endTransaction status = 1; The range's media encryption key backs to the value before	N/A
D9: Activate() Effect check	PASS
(D9-1-2-1-2) Activate to LockingSP if ATA security is enabled; Response - Status Code: 3Fh (Fail)	N/A
(D9-1-2-1-1) LockingSP.Activate() Condition: Activate to LockingSP if ATA security is disabled; Response - Pass	N/A
(D9-1-1-1-1) LockignSP.Activate() Conditon: Activate to LockingSP; Response - Pass	PASS
(D9-1-3-1-1) LockignSP.Activate() Effect: Check bit 1 of word 82; bit 1 of word 85 and all bits of word 89; 90; 92; 128 = 0	N/A
(D9-1-3-1-2) LockignSP.Activate() Effect: LockingEnabled bit = 1 from Level0_Discovery	PASS
(D9-1-3-1-3) LockignSP.Activate() Effect: LifeCycleState = 09h of LockingSP in the SP table	PASS
(D9-1-3-1-4) LockignSP.Activate() Effect: StartSession on LockingSP with SID's PIN; SyncSession - pass	PASS
(D9-1-3-1-5) LockignSP.Activate() Effect: Read and compare data - matching	PASS
(D9-1-3-2-1) LockignSP.Activate() Effect: LockingSP in mfg-inative - PIN for Admin1 is the same as the SID's PIN	PASS
(D9-1-3-3-1) LockignSP.Activate() Effect: LockingSP in mfg state - PIN for Admin1 does not change	PASS
D10: AdminSP.Revert() Effect check	PASS
(D10-1-1-1-1) AdminSP.Revert Grammar: Revert Session to AdminSP; Revert response - Pass	PASS
(D10-1-2-1-1) AdminSP.Revert Effect: The session within the AdminSP.Revert() was issued shall be aborted	PASS
(D10-1-2-1-2) AdminSP.Revert Effect: for ATA devices: check bit1 of word 82; bit1 of word 85; word 89; 90; 128	N/A
(D10-1-2-1-3) AdminSP.Revert Effect: LockingEnabled bit = 0 from Level0_Discovery	PASS
(D10-1-2-1-4) AdminSP.Revert Effect: The state of LockingSP is in OFS(Manufactured/Manufactured-Inactivate)	PASS
(D10-1-2-1-5) AdminSP.Revert Effect: StartSession on LockingSP; SyncSession - Status Code: != 0 or no data returned	PASS

(D10-1-2-1-6) AdminSP.Revert Effect: StartSession on AdminSP with MSID's PIN; SyncSession - pass	PASS
(D10-1-2-3-1) AdminSP.Revert Effect: LockingSP in inactive: Read and compare data - matching	PASS
(D10-1-2-2-1) AdminSP.Revert Effect: LockingSP in active: Read and compare data - matching/mismatching(DRMSpt=0/1)	PASS
(D10-1-2-2-2) AdminSP.Revert Effect: LockingSP in active: Data in DataStore table shall be the value in OFS	PASS
(D10-1-2-2-3) AdminSP.Revert Effect: LockingSP in active: Data in MBR table shall be the value in OFS	N/A
D10: LockingSP.Revert() Effect check	PASS
(D10-2-1-1-1) LockingSP.Revert Grammar: Revert Session to LockingSP; Revert response - Pass	PASS
(D10-2-2-1-1) LockingSP.Revert Effect: The session remains open after issuing Locking.Revert()	PASS
(D10-2-2-1-2) LockingSP.Revert Effect: for ATA devices: check bit1 of word 82; bit1 of word 85; word 89; 90; 128	N/A
(D10-2-2-1-3) LockingSP.Revert Effect: LockingEnabled bit = 0 from Level0_Discovery	PASS
(D10-2-2-1-4) LockingSP.Revert Effect: LifeCycleState = 08h (Manufactured-Inactivate)	PASS
(D10-2-2-1-5) LockingSP.Revert Effect: StartSession on LockingSP; SyncSession - failed (Status Code: != 0 or no data returned)	PASS
(D10-2-2-3-1) LockingSP.Revert Effect: LockingSP in inactive: Read and compare data - matching	PASS
(D10-2-2-3-2) LockingSP.Revert Effect: LockingSP in inactive: Data in DataStore table shall be the value in OFS	PASS
(D10-2-2-3-3) LockingSP.Revert Effect: LockingSP in inactive: Data in MBR table shall be the value in OFS	N/A
(D10-2-2-2-1) AdminSP.Revert Effect: LockingSP in active: Read and compare data - matching/mismatching(DRMSpt=0/1)	PASS
(D10-2-2-2-2) LockingSP.Revert Effect: LockingSP in active: Data in DataStore table shall be the value in OFS	PASS
(D10-2-2-2-3) LockingSP.Revert Effect: LockingSP in active: Data in MBR table shall be the value in OFS	N/A
D10: RevertSP() Effect check	PASS
(D10-3-1-1-1) LockingSP.RevertSP Grammar: RevertSP wothout parameters; RevertSP Response - Pass	PASS
(D10-3-2-1-1) LockingSP.RevertSP Condition: RevertSP if 'KeepGlobalRangeKey' = 1 and read-unlocked/write-unlocked for the Locking GlobalRange; RevertSP Response - Pass	PASS
(D10-3-2-1-1) LockingSP.RevertSP Condition: RevertSP if 'KeepGlobalRangeKey' = 1 and read-unlocked for the Locking GlobalRange; RevertSP Response - Pass	PASS

(D10-3-2-1-1) LockingSP.RevertSP Condition: RevertSP if 'KeepGlobalRangeKey' = 1 and write-unlocked for the Locking GlobalRange; RevertSP Response - Pass	PASS
(D10-3-2-1-2) LockingSP.RevertSP Condition: RevertSP if 'KeepGlobalRangeKey' = 1 and read and write-locked for the Locking GlobalRange; RevertSP Response - Fail(3Fh)	PASS
(D10-3-3-1-1) LockingSP.RevertSP Effect: The session shall be aborted: Get_Rqs for LifeCycleState after RevertSP() is successful; Get_Rsp - no data returned	PASS
(D10-3-3-1-2) LockingSP.RevertSP Effect: for ATA devices: check bit1 of word 82; bit1 of word 85; word 89; 90; 128	N/A
(D10-3-3-1-3) LockingSP.RevertSP Effect: LockingEnabled bit = 0 from Level0_Discovery	PASS
(D10-3-3-1-4) LockingSP.RevertSP Effect: LifeCycleState = 08h (Manufactured-Inactivate)	PASS
(D10-3-3-1-5) LockingSP.RevertSP Effect: StartSession on LockingSP; SyncSession - Status Code: != 0 or no data returned	PASS
(D10-3-3-2-1) LockingSP.RevertSP Effect: LockingSP in active: KeepGKey=1 and data covered by GlobalRange; Data shall not change	PASS
(D10-3-3-2-3) LockingSP.RevertSP Effect: LockingSP in active: KeepGKey=0; Data shall not change/change(DRMSpt=0/1)	PASS
(D10-3-3-2-4) LockingSP.RevertSP Effect: LockingSP in active: Data in DataStore table shall be the value in OFS	PASS
(D10-3-3-2-5) LockingSP.RevertSP Effect: LockingSP in active: Data in MBR table shall be the value in OFS	N/A
D9-D10 Activate and Revert: ATA command check in RestrictedCommands table	N/A
(D9-1-3-1-6) RestrictedCmds: ATA command check after LockingSP.Activate	N/A
(D10-3-3-1-6) RestrictedCmds: ATA command check after LockingSP.RevertSP	N/A
(D10-2-2-1-6) RestrictedCmds: ATA command check after LockingSP.Revert	N/A
(D10-1-2-1-7) RestrictedCmds: ATA command check after AdminSP.Revert	N/A
D11: Power Cycle	PASS
(D11-1-1-1-1) C_PIN: after power cycle 1.if Persistence=1 Tries=no change ; 2.if Persistence=0 Tries=0	PASS
(D11-2-1-1-1) RestrictedCmds: Next()/Get() to get the cell contents	N/A
(D11-2-1-1-1) RestrictedCmds: Allowed column check after power cycle	N/A
Revert LockingSP	PASS
Start Session with HostChallenge - AdminSP	PASS
Sync Session - AdminSP	PASS
LockingSP.Revert - Request	PASS
LockingSP.Revert - Response	PASS

End Session - Request	PASS
End Session - Response	PASS
** Opal V2.0 - Generic **	
Protocol 2 Command Test	N/A
Check Get_ComID command	N/A
Check Verify_ComID_Valid command	N/A
Check Get_ComID_Rsp command	N/A
Check SSC information	PASS
Identify the device type from the TPerInfo table	PASS
Check the support of OPAL SSC v2.00	N/A
Verify Geometry information	PASS
Geometry Reporting Feature returned from Level0_Discovery	N/A
Contents of column 07-0Ah returned from the LockingInfo table	PASS
Verify Geometry Info between LockingInfo table and Level0_Discovery	N/A
TPer Reset Command Test	PASS
Check the support of TPer_Reset command	PASS
If TPer_Reset is disabled; Issue TPer_Reset - aborted	PASS
Enable TPer_Reset command: set ProgrammaticResetEnable=1 in the TPerInfo table	PASS
All open session SHALL be aborted on all ComID	PASS
All uncommitted transactions SHAll be aborted on all ComID	PASS
The synchronous protocol stack for all ComID SHAll be reset to its initial state	PASS
All related method processing occurring on all ComIDs SHALL be aborted	PASS
Host's communications capabilities SHAll be reset to the initial minimum assumptions	PASS
Read/WriteLocked = True for all Locking objects if the LockOnReset = Programmatic enumeration value	PASS
Done = False in MBRControl table if the DoneOnReset = Programmatic enumeration value	N/A
Check Read/WriteLocked for all Locking objects before and after TPer_Reset is disabled	PASS
Check Done in the MBRControl table before and after TPer_Reset is disabled	N/A
Stack Reset Test	PASS
Check the support of Stack_Reset command	PASS
The data returned from Stack_Reset rsponse - Get_ComID_Rsp	PASS
All open session for that ComID SHALL be aborted	PASS
All uncommitted transactions SHALL be aborted	PASS

All related method on that ComID SHALL be aborted	PASS
The protocol stack for all ComIDs SHALL be reset to its initial state	PASS
All communications properties SHALL be reset to their default values	PASS
No Response Available if no Handle_ComID_Request command preceded the Get_ComID_Response	PASS
Check 'ReadLocked' and 'WriteLocked' values in Locking table	PASS
Check 'Done' value in MBRControl table	N/A
Stack_Reset with non-zero reserved byte; It shall be ignored by both host and device	PASS
Revert LockingSP	PASS
Start Session with HostChallenge - AdminSP	PASS
Sync Session - AdminSP	PASS
LockingSP.Revert - Request	PASS
LockingSP.Revert - Response	PASS
End Session - Request	PASS
End Session - Response	PASS
Activating the Locking SP	PASS
Start Session with HostChallenge - AdminSP	PASS
Sync Session - AdminSP	PASS
Activate_LockingSP	PASS
Activate_LockingSP - Response	PASS
Get - LifeCycle(Locking SP) - Request	PASS
Get - LifeCycle(Locking SP) - Response	PASS
Check the state of LockingSP	PASS
End Session - Request	PASS
End Session - Response	PASS
Check Authenticate method	PASS
Check the support of Authenticate method - AdminSP	PASS
Authenticate - SID; Authenticate Response - Success(AuthStatus = 01h)	PASS
Authenticate - Admin1(non-authorized UID); Authenticate Response - Fail(AuthStatus = 0h)	N/A
Check the support of Authenticate method - LockingSP	PASS
Authenticate - Admin1; Authenticate Response - Success(AuthStatus = 01h)	PASS
Authenticate - User1 (authority UID); Authenticate Response - Success(AuthStatus = 01h)	PASS
Authenticate - User2 (non-authority UID); Authenticate Response - Fail(AuthStatus = 0h)	PASS
Number of authenticate attempts > MaxAuthentications; Authenticate Response - Fail(AuthStatus = 0h)	PASS

Authenticate - UserX (invalid-authority UID); Authenticate Response - StatusCode = 0Ch(Invalid_Param)	PASS
Authenticate - User1 with incorrect optional param; Authenticate Response - StatusCode = 0Ch(Invalid_Param)	PASS
Check Random method	PASS
Check the support of Random method - AdminSP	PASS
Random Request with count < 20h in AdminSP; Random Response - Success	PASS
Random Request with count = 20h in AdminSP; Random Response - Success	PASS
Random Request with count > 20h in AdminSP; Random Response - Success or StatusCode=0Ch(Invalid_Param)	PASS
Check the support of Random method - LockingSP	PASS
Random Request with count < 20h in LockingSP; Random Response - Success	PASS
Random Request with count = 20h in LockingSP; Random Response - Success	PASS
Random Request with count > 20h in LockingSP; Random Response - Success or StatusCode=0Ch(Invalid_Param)	PASS
Alignment LBA Test	N/A
RangeStart/Length: Aligned; Response - Pass	N/A
RangeStart: RangeStart !=0 and startAlignment !=0; Response - Status Code: 0Ch(Invalid_Prams)	N/A
RangeLength: RangeStart =0; RangeLength !=0 and LengthAlignment !=0; Response - Status Code: 0Ch(Invalid_Prams)	N/A
RangeLength: RangeStart !=0; RangeLength !=0 and LengthAlignment !=0; Response - Status Code: 0Ch(Invalid_Prams)	N/A
Data Alignment Restriction on Byte Table - DataStore	PASS
Get MandatoryWriteGranularity and RecommendedAccessGranularity of DataStore from Table table	PASS
MandatoryWriteGranularity of DataStore SHALL be less than or equal to 8192	PASS
Set data(lengthMWriteGran!=0) into DataStore table; Response - Status Code: 0Ch(Invalid_Param)	N/A
Set data(offsetMWriteGran!=0) into DataStore table; Response - Status Code: 0Ch(Invalid_Param)	N/A
Set data(offsetMWriteGran=0 and lengthMWriteGran=0) into DataStore table; Response - Pass	PASS
Get and Compare data from DataStore - Matching	PASS
Data Alignment Restriction on Byte Table - MBR	N/A
Get MandatoryWriteGranularity and RecommendedAccessGranularity of MBR from Table table	N/A

MandatoryWriteGranularity of MBR SHALL be less than or equal to 8192	N/A
Set data(lengthMWriteGran!=0) into MBR table; Response - Status Code: 0Ch(Invalid_Param)	N/A
Set data(offsetMWriteGran!=0) into MBR table; Response - Status Code: 0Ch(Invalid_Param)	N/A
Set data(offsetMWriteGran=0 and lengthMWriteGran=0) into MBR table; Response - Pass	N/A
Get and Compare data from MBR table - Matching	N/A
AdminSP.Revert() Effect check	PASS
AdminSP.Revert with 'Behavior of C_PIN_SID PIN on TPer Revert'=0 or 1: Revert response - pass	PASS
'Behavior of C_PIN_SID PIN'=0: PIN = C_PIN_MSID and 'Initial C_PIN_SID'=0	PASS
Data Removal Mechanism	PASS
Pyrite 2.00/2.01: Overwrite Data Erase or Block Erase SHALL be supported	PASS
Pyrite 2.00/2.01: Crypto Erase bit SHALL be set to 0	PASS
Pyrite 2.00/2.01: Bit6/7(Reserved) in Byte6/7 are zero	PASS
Check the support of DataRemovalMechanism table	PASS
Get Request on ActiveDataRemovalMechanism of the DRM table; Get Response: Pass	PASS
Set on supported ActiveDRM of the DRM table; Get the activeDRM which matches the value in Set	PASS
Set Request on unsupported ActiveDRM; Set Response: StatusCode=0Ch(Invalid_Param)	PASS
Test Start/SyncSession with Optional Parameter: SessionTimeout	PASS
StartSession - SessionTimeout; SyncSession - Pass(supported)/Fail(not supported)	N/A
StartSession - SessionTimeout: less than SPSessionTimeout from the SPInfo table; SyncSession - Pass	N/A
StartSession - SessionTimeout: greater than SPSessionTimeout from the SPInfo table; SyncSession - Fail	N/A
StartSession - SessionTimeout: greater than MaxSessionTimeout from Property; SyncSession - Fail	N/A
StartSession - SessionTimeout: less than MinSessionTimeout from Property; SyncSession - Fail	N/A
StartSession - SessionTimeout: zero with MaxSessionTimeout=0/non-zero; SyncSession - Pass/Status Code=0Ch(Invalid Param)	N/A
Session Timeout: Start/Sync Session after a session aborted due to the session timeout during traffic - Pass	PASS
Hardware Reset tests on LockOnReset/DoneOnReset	N/A
Locking table: Set Hardware Reset to 'LockOnReset' column	N/A
Locking table: Set Read/WriteLockEnabled to True and Read/WriteLocked to False	N/A
Locking table: Issue Hardware Reset	N/A

Locking table: Verify Read/WriteLocked = True after Hardware Reset	N/A
MBRControl table: Set Hardware Reset to 'DoneOnReset' column	N/A
MBRControl table: Set Enable/Done to True/False	N/A
MBRControl table: Issue Hardware Reset	N/A
MBRControl table: Verify Done = True after Hardware Reset	N/A
Revert LockingSP	PASS
Start Session with HostChallenge - AdminSP	PASS
Sync Session - AdminSP	PASS
LockingSP.Revert - Request	PASS
LockingSP.Revert - Response	PASS
End Session - Request	PASS
End Session - Response	PASS
** Opal V2.0 - Table Contents **	
C1: Level 0 Discovery Contents	PASS
(C1) Display the contents from Level0_Discovery	PASS
(C1) Check TPer Feature	PASS
(C1) Check Locking Feature	PASS
(C1) Check SSC Feature	PASS
C2: Properties Contents	PASS
(C2) Properties Parameter and Host Properties Parameter	PASS
(C2) Check TPer properties	PASS
(C2(1)) Check Host properties	PASS
Activating the Locking SP	PASS
Start Session with HostChallenge - AdminSP	PASS
Sync Session - AdminSP	PASS
Activate_LockingSP	PASS
Activate_LockingSP - Response	PASS
Get - LifeCycle(Locking SP) - Request	PASS
Get - LifeCycle(Locking SP) - Response	PASS
Check the state of LockingSP	PASS
End Session - Request	PASS
End Session - Response	PASS
C3: Get() Byte Table: DataStore and MBR Contents check	PASS

(C3-26) Set data to DataStore table	PASS
(C3-26) Get data from DataStore table	PASS
(C3-26) Data Comparison from DataStore table	PASS
(C3-24) Set data to MBR table	N/A
(C3-24) Get data from MBR table	N/A
(C3-24) Data Comparison from MBR table	N/A
C3: Get() Object Table Contents to AdminSP	PASS
(C3-1) Table: Next() method for table (AdminSP)	PASS
(C3-1) Table: Get the entries from table (AdminSP)	PASS
(C3-1) Table: Verify the table contents (AdminSP)	PASS
(C3-2) SPInfo: Get the entries from table (AdminSP)	PASS
(C3-2) SPInfo: Verify the table contents (AdminSP)	PASS
(C3-3) SPTemplates: Next() method for table (AdminSP)	PASS
(C3-3) SPTemplates: Get the entries from table (AdminSP)	PASS
(C3-3) SPTemplates: Verify the table contents (AdminSP)	PASS
(C3-4) MethodID: Next() method for table (AdminSP)	PASS
(C3-4) MethodID: Get the entries from table (AdminSP)	PASS
(C3-4) MethodID: Verify the table contents (AdminSP)	PASS
(C3-6) ACE: Next() method for table (AdminSP)	PASS
(C3-6) ACE: Get the entries from table (AdminSP)	PASS
(C3-6) ACE: Verify the table contents (AdminSP)	PASS
(C3-7) Authority: Next() method for table (AdminSP)	PASS
(C3-7) Authority: Get the entries from table (AdminSP)	PASS
(C3-7) Authority: Verify the table contents (AdminSP)	PASS
(C3-8) C_PIN: Next() method for table (AdminSP)	PASS
(C3-8) C_PIN: Get the entries from table (AdminSP)	PASS
(C3-8) C_PIN: Verify the table contents (AdminSP)	PASS
(C3-9) TPerInfo: Get the entries from table (AdminSP)	PASS
(C3-9) TPerInfo: Verify the table contents (AdminSP)	PASS
(C3-10) Template: Next() method for table (AdminSP)	PASS
(C3-10) Template: Get the entries from table (AdminSP)	PASS
(C3-10) Template: Verify the table contents (AdminSP)	PASS
(C3-11) SP: Next() method for table (AdminSP)	PASS
(C3-11) SP: Get the entries from table (AdminSP)	PASS
(C3-11) SP: Verify the table contents (AdminSP)	PASS
(C3-) DataRemovalMechanism: Get the entries from table (AdminSP)	PASS
(C3-) DataRemovalMechanism: Verify the table contents (AdminSP)	PASS

C3: Get() Object Table Contents to LockingSP	PASS
(C3-12) Table: Next() method for table (LockingSP)	PASS
(C3-12) Table: Get the entries from table (LockingSP)	PASS
(C3-12) Table: Verify the table contents (LockingSP)	PASS
(C3-13) SPInfo: Get the entries from table (LockingSP)	PASS
(C3-13) SPInfo: Verify the table contents (LockingSP)	PASS
(C3-14) SPTemplates: Next() method for table (LockingSP)	PASS
(C3-14) SPTemplates: Get the entries from table (LockingSP)	PASS
(C3-14) SPTemplates: Verify the table contents (LockingSP)	PASS
(C3-16) MethodID: Next() method for table (LockingSP)	PASS
(C3-16) MethodID: Get the entries from table (LockingSP)	PASS
(C3-16) MethodID: Verify the table contents (LockingSP)	PASS
(C3-18) ACE: Next() method for table (LockingSP)	PASS
(C3-18) ACE: Get the entries from table (LockingSP)	PASS
(C3-18) ACE: Verify the table contents (LockingSP)	PASS
(C3-19) Authority: Next() method for table (LockingSP)	PASS
(C3-19) Authority: Get the entries from table (LockingSP)	PASS
(C3-19) Authority: Verify the table contents (LockingSP)	PASS
(C3-20) C_PIN: Next() method for table (LockingSP)	PASS
(C3-20) C_PIN: Get the entries from table (LockingSP)	PASS
(C3-20) C_PIN: Verify the table contents (LockingSP)	PASS
(C3-21) LockingInfo: Get the entries from table (LockingSP)	PASS
(C3-21) LockingInfo: Verify the table contents (LockingSP)	PASS
(C3-22) Locking: Next() method for table (LockingSP)	PASS
(C3-22) Locking: Get the entries from table (LockingSP)	PASS
(C3-22) Locking: Verify the table contents (LockingSP)	PASS
(C3-23) MBRControl: Get the entries from table (LockingSP)	N/A
(C3-23) MBRControl: Verify the table contents (LockingSP)	N/A
(C3-) SecretProtect: Next() method for table (LockingSP)	N/A
(C3-) SecretProtect: Get the entries from table (LockingSP)	N/A
(C3-) SecretProtect: Verify the table contents (LockingSP)	N/A
(C3-25) K_AES: Next() method for table (LockingSP)	N/A
(C3-25) K_AES: Get the entries from table (LockingSP)	N/A
(C3-25) K_AES: Verify the table contents (LockingSP)	N/A
(C3-27) RestrictedCmds: Next() method for table (LockingSP)	N/A
(C3-27) RestrictedCmds: Get the entries from table (LockingSP)	N/A
(C3-27) RestrictedCmds: Verify the table contents (LockingSP)	N/A

C4: Next() Table Contents (AdminSP)	PASS
(C4-1) Next() - Table Table	PASS
(C4-1) Verify UIDs for Table Table	PASS
(C4-3) Next() - SPTemplates Table	PASS
(C4-3) Verify UIDs for SPTemplates Table	PASS
(C4-4) Next() - MethodID Table	PASS
(C4-4) Verify UIDs for MethodID Table	PASS
(C4-6) Next() - Authority Table	PASS
(C4-6) Verify UIDs for Authority Table	PASS
(C4-7) Next() - ACE Table	PASS
(C4-7) Verify UIDs for ACE Table	PASS
(C4-8) Next() - C_PIN Table	PASS
(C4-8) Verify UIDs for C_PIN Table	PASS
(C4-10) Next() - Template Table	PASS
(C4-10) Verify UIDs for Template Table	PASS
(C4-11) Next() - SP Table	PASS
(C4-11) Verify UIDs for SP Table	PASS
C4: Next() Table Contents (LockingSP)	PASS
(C4-12) Next() - Table Table	PASS
(C4-12) Verify UIDs for Table Table	PASS
(C4-14) Next() - SPTemplates Table	PASS
(C4-14) Verify UIDs for SPTemplates Table	PASS
(C4-16) Next() - MethodID Table	PASS
(C4-16) Verify UIDs for MethodID Table	PASS
(C4-18) Next() - ACE Table	PASS
(C4-18) Verify UIDs for ACE Table	PASS
(C4-19) Next() - Authority Table	PASS
(C4-19) Verify UIDs for Authority Table	PASS
(C4-20) Next() - C_PIN Table	PASS
(C4-20) Verify UIDs for C_PIN Table	PASS
(C4-22) Next() - Locking Table	PASS
(C4-22) Verify UIDs for Locking Table	PASS
(C4-23) Next() - RestrictedCmds Table	N/A
C5: GetACL() Table Contents (AdminSP)	PASS
(C5-1) Next() - Table Table	PASS

(C5-1) GetACL() - Table Table	PASS
(C5-1) Verify ACL values for Table Table	PASS
(C5-2) GetACL() - SPInfo Table	PASS
(C5-2) Verify ACL values for SPInfo Table	PASS
(C5-3) Next() - SPTemplates Table	PASS
(C5-3) GetACL() - SPTemplates Table	PASS
(C5-3) Verify ACL values for SPTemplates Table	PASS
(C5-4) Next() - MethodID Table	PASS
(C5-4) GetACL() - MethodID Table	PASS
(C5-4) Verify ACL values for MethodID Table	PASS
(C5-5) Next() - ACE Table	PASS
(C5-5) GetACL() - ACE Table	PASS
(C5-5) Verify ACL values for ACE Table	PASS
(C5-6) Next() - Authority Table	PASS
(C5-6) GetACL() - Authority Table	PASS
(C5-6) Verify ACL values for Authority Table	PASS
(C5-7) Next() - C_PIN Table	PASS
(C5-7) GetACL() - C_PIN Table	PASS
(C5-7) Verify ACL values for C_PIN Table	PASS
(C5-8) GetACL() - TPerInfo Table	PASS
(C5-8) Verify ACL values for TPerInfo Table	PASS
(C5-9) Next() - Template Table	PASS
(C5-9) GetACL() - Template Table	PASS
(C5-9) Verify ACL values for Template Table	PASS
(C5-10) Next() - SP Table	PASS
(C5-10) GetACL() - SP Table	PASS
(C5-10) Verify ACL values for SP Table	PASS
(C3-) GetACL() - DataRemovalMechanism Table	PASS
(C3-) Verify ACL values for DataRemovalMechanism Table	PASS
C5: GetACL() Table Contents (LockingSP)	PASS
(C5-11) Next() - Table Table	PASS
(C5-11) GetACL() - Table Table	PASS
(C5-11) Verify ACL values for Table Table	PASS
(C5-12) GetACL() - SPInfo Table	PASS
(C5-12) Verify ACL values for SPinfo Table	PASS
(C5-13) Next() - SPTemplates Table	PASS
(C5-13) GetACL() - SPTemplates Table	PASS

(C5-13) Verify ACL values for SPTemplates Table	PASS
(C5-15) Next() - MethodID Table	PASS
(C5-15) GetACL() - MethodID Table	PASS
(C5-15) Verify ACL values for MethodID Table	PASS
(C5-16) Next() - ACE Table	PASS
(C5-16) GetACL() - ACE Table	PASS
(C5-16) Verify ACL values for ACE Table	PASS
(C5-17) Next() - Authority Table	PASS
(C5-17) GetACL() - Authority Table	PASS
(C5-17) Verify ACL values for Authority Table	PASS
(C5-18) Next() - C_PIN Table	PASS
(C5-18) GetACL() - C_PIN Table	PASS
(C5-18) Verify ACL values for C_PIN Table	PASS
(C5-19) GetACL() - LockingInfo Table	PASS
(C5-19) Verify ACL values for LockingInfo Table	PASS
(C5-20) Next() - Locking Table	PASS
(C5-20) GetACL() - Locking Table	PASS
(C5-20) Verify ACL values for Locking Table	PASS
(C5-21) GetACL() - MBRControl Table	N/A
(C5-21) Verify ACL values for MBRControl Table	N/A
(C5-22) GetACL() - MBR Table	N/A
(C5-22) Verify ACL values for MBR Table	N/A
(C5-23) GetACL() - K_AES_128 Table	N/A
(C5-23) Verify ACL values for K_AES_128 Table	N/A
(C5-23) GetACL() - K_AES_256 Table	N/A
(C5-23) Verify ACL values for K_AES_256 Table	N/A
(C5-24) GetACL() - DataStore Table	PASS
(C5-24) Verify ACL values for DataStore Table	PASS
(C5-25) GetACL() - SP Table	PASS
(C5-25) Verify ACL values for SP Table	PASS
(C5-) Next() - SecretProtect Table	N/A
(C5-) GetACL() - SecretProtect Table	N/A
(C5-) Verify ACL values for SecretProtect Table	N/A
(C5-26) Next() - RestrictedCmds Table	N/A
(C5-26) GetACL() - RestrictedCmds Table	N/A
Revert LockingSP	PASS
Start Session with HostChallenge - AdminSP	PASS

Sync Session - AdminSP	PASS
LockingSP.Revert - Request	PASS
LockingSP.Revert - Response	PASS
End Session - Request	PASS
End Session - Response	PASS
Activating the Locking SP	PASS
Start Session with HostChallenge - AdminSP	PASS
Sync Session - AdminSP	PASS
Activate_LockingSP	PASS
Activate_LockingSP - Response	PASS
Get - LifeCycle(Locking SP) - Request	PASS
Get - LifeCycle(Locking SP) - Response	PASS
Check the state of LockingSP	PASS
End Session - Request	PASS
End Session - Response	PASS
** Opal V2.0 - Feature Set **	
Opal SSC Feature Set: Additional DataStore Tables	N/A
Check the feature support of Additional DataStore from Level0_Discovery	N/A
Compare the number of Additional DataStore in Table table and maximum number from Level0_Discovery	N/A
Check the new entries added to the AccessControl table	N/A
Activate() method with all DataStore table; Response - Pass	N/A
Activate() method with DataStore size (<= maxDSSize); Response - Pass	N/A
Activate() method with DataStore size (> maxDSSize); Response - StatusCode=09h(Insufficient_Space)	N/A
Activate() method with non-align DataStore; Response - StatusCode=0Ch(Invalid_Param)	N/A
Activate() method without dataStoreList; Response - Pass	N/A
Activate():The size of dataStore is equal to the 'Maximum total size of DataStore' from Level0_Discovery	N/A
ReActivate() method with all DataStore table; Response - Pass	N/A
Reactivate() method with DataStore size (<= maxDSSize); Response - Pass	N/A
Reactivate() method with DataStore size (> maxDsSize); Response - StatusCode=09h(Insufficient_Space)	N/A
Reactivate() method with non-align DataStore; Response - StatusCode=0Ch(Invalid_Param)	N/A
ReActivate() method without dataStoreList; Response - Pass	N/A

ReActivate():The size of dataStore is equal to the 'Maximum total size of DataStore' from Level0_Discovery	N/A
Opal SSC Feature Set: Single User Mode	N/A
Check the feature support of Single User Mode from Level0_Discovery	N/A
Check the support of ReActivate and Erase methods in the MethodID table	N/A
Get the values of 'SingleUserModeRanges' and 'RangeStartLengthPolicy' from the LockingInfo table	N/A
Activate() method with SP not included in Locking Template; Response - StatusCode=0Ch(Invalid_Param)	N/A
Activate() method with LockingObject not included in Locking table; Response - StatusCode=0Ch(Invalid_Param)	N/A
Activate() method with RangeN(N=LockingInfo.MaxRanges/2); Response - Pass	N/A
Verify: StartSession to Locking SP as UserN(N=MaxRanges/2); SyncSession - StatusCode=01h(Not_Authorized)	N/A
Verify: StartSession to Locking SP as User(N+1)(N=MaxRanges/2); SyncSession - Pass	N/A
Activate() method with RangeN(N=LockingInfo.MaxRanges); Response - Pass	N/A
Verify: StartSession to Locking SP as UserN(N=MaxRanges); SyncSession - StatusCode=01h(Not_Authorized)	N/A
Verify: StartSession to Locking SP as User(N+1)(N=MaxRanges); SyncSession - Pass	N/A
Activate() method with empty ObjList and 'RangeStartLengthPolicy'=0; Response - pass	N/A
Verify 'SingleUserModeRanges'=empty and 'RangeStartLengthPolicy'=1 from the LockingInfo table	N/A
Verify 'Policy'=1; 'All'=0; 'Any'=0 from Level0_Discovery	N/A
Activate() method with empty ObjList and 'RangeStartLengthPolicy'=1; Response - pass	N/A
Verify 'SingleUserModeRanges'=empty and 'RangeStartLengthPolicy'=1 from the LockingInfo table	N/A
Verify 'Policy'=1; 'All'=0; 'Any'=0 from Level0_Discovery	N/A
Activate() method with SingleUserMode for Range1 and Range2 if LockingSP = mfg state; Response - Succeed	N/A
The method shall have no effect: 'SingleUserModeRanges' and 'RangeStartLengthPolicy' keep the previous values	N/A
Activate() method with SingleUserMode for Range1 and Range2 after LockingSP.Revert; Response - Pass	N/A
Verify 'SingleUserModeRanges'=Range1/Range2 and 'RangeStartLengthPolicy'=0 from the LockingInfo table	N/A
Verify 'Policy'=0; 'All'=0; 'Any'=1 from Level0_Discovery	N/A
Locking_Range1.Set Request in LockingSP as User2; Response - Pass	N/A

Locking_Range1.Set Request in LockingSP as Admin1; Response - StatusCode = 01h(Not_Authorized)	N/A
Activate() method with entire Locking table and 'RangeStartLengthPolicy'=0; Response - Pass	N/A
Activate w/ entireLocking: Verify 'SingleUserModeRanges'=EntireLocking and 'RangeStartLengthPolicy'=0 from the LockingInfo table	N/A
Activate w/ entireLocking: Verify 'Policy'=0; 'All'=1; 'Any'=1 from Level0_Discovery	N/A
Activate w/ entireLocking: Range1-GlobalRange.Set Request in LockingSP as User1-(N+1); Response - StatusCode = 01h(Not_Authorized)	N/A
Activate w/ entireLocking: GlobalRange-RangeN.Set Request in LockingSP as User1-(N+1); Response - Pass	N/A
Activate() method with all Locking Objects and 'RangeStartLengthPolicy'=0; Response - Pass	N/A
Activate w/ allLockingObj: Verify 'SingleUserModeRanges'=all objects and 'RangeStartLengthPolicy'=0 from the LockingInfo table	N/A
Activate w/ allLockingObj: Verify 'Policy'=0; 'All'=1; 'Any'=1 from Level0_Discovery	N/A
Activate w/ allLockingObj: Range1-GlobalRange.Set Request in LockingSP as User1-(N+1); Response - StatusCode = 01h(Not_Authorized)	N/A
Activate w/ allLockingObj: GlobalRange-RangeN.Set Request in LockingSP as User1-(N+1); Response - Pass	N/A
ReActivate() method with Read/WriteLockEnabled=True; Response - StatusCode=3Fh(Fail)	N/A
ReActivate() method with ReadLockEnabled=True; Response - StatusCode=3Fh(Fail)	N/A
ReActivate() method with WriteLockEnabled=True; Response - StatusCode=3Fh(Fail)	N/A
ReActivate() method with LockingObject not included in Locking table; Response - StatusCode=0Ch(Invalid_Param)	N/A
ReActivate() method with RangeN(N=LockingInfo.MaxRanges/2); Response - Pass	N/A
Verify: StartSession to Locking SP as UserN(N=MaxRanges/2); SyncSession - StatusCode=01h(Not_Authorized)	N/A
Verify: StartSession to Locking SP as User(N+1)(N=MaxRanges/2); SyncSession - Pass	N/A
ReActivate() method with RangeN(N=LockingInfo.MaxRanges); Response - Pass	N/A
Verify: StartSession to Locking SP as UserN(N=MaxRanges); SyncSession - StatusCode=01h(Not_Authorized)	N/A
Verify: StartSession to Locking SP as User(N+1)(N=MaxRanges); SyncSession - Pass	N/A
ReActivate() with Admin1PIN=omitted; Response - Pass	N/A
ReActivate() w/ Admin1PIN=omitted effect: The session - Abort (no data returned)	N/A
ReActivate() w/ Admin1PIN=omitted effect: The LifeCycleState of the LockingSP remains the same	N/A
ReActivate() w/ Admin1PIN=omitted effect: The value of 'C_PIN_Admin1.PIN' remains at their current values	N/A

ReActivate() w/ Admin1PIN=omitted effect: RangeStart and RangeLength remain at their current values	N/A
ReActivate() w/ Admin1PIN=omitted effect: The media encryption keys remain at their current values	N/A
ReActivate() with Admin1PIN; Response - Pass	N/A
ReActivate() w/ Admin1PIN effect: The session - Abort (no data returned)	N/A
ReActivate() w/ Admin1PIN effect: The LifeCycleState of the LockingSP remains the same	N/A
ReActivate() w/ Admin1PIN effect: The value of 'C_PIN_Admin1.PIN' is new AdminPIN	N/A
ReActivate() w/ Admin1PIN effect: RangeStart and RangeLength remain at their current values	N/A
ReActivate() w/ Admin1PIN effect: The media encryption keys remain at their current values	N/A
ReActivate() method with empty ObjList and 'RangeStartLengthPolicy'=0; Response - pass	N/A
ReActivate() w/ emptyObj and RSLP=0 effect: The session - Abort (no data returned)	N/A
ReActivate() w/ emptyObj and RSLP=0 effect: The LifeCycleState of the LockingSP remains the same	N/A
ReActivate() w/ emptyObj and RSLP=0 effect: The value of 'C_PIN_Admin1.PIN' remains at their current values	N/A
ReActivate() w/ emptyObj and RSLP=0 effect: RangeStart and RangeLength remain at their current values	N/A
ReActivate() w/ emptyObj and RSLP=0 effect: The media encryption keys remain at their current values	N/A
Verify 'SingleUserModeRanges'=empty and 'RangeStartLengthPolicy'=1 from the LockingInfo table	N/A
Verify 'Policy'=1; 'All'=0; 'Any'=0 from Level0_Discovery	N/A
ReActivate() method with empty ObjList and 'RangeStartLengthPolicy'=1; Response - pass	N/A
ReActivate() w/ emptyObj and RSLP=1 effect: The session - Abort (no data returned)	N/A
ReActivate() w/ emptyObj and RSLP=1 effect: The LifeCycleState of the LockingSP remains the same	N/A
ReActivate() w/ emptyObj and RSLP=1 effect: The value of 'C_PIN_Admin1.PIN' remains at their current values	N/A
ReActivate() w/ emptyObj and RSLP=1 effect: RangeStart and RangeLength remain at their current values	N/A
ReActivate() w/ emptyObj and RSLP=1 effect: The media encryption keys remain at their current values	N/A
Verify 'SingleUserModeRanges'=empty and 'RangeStartLengthPolicy'=1 from the LockingInfo table	N/A
Verify 'Policy'=1; 'All'=0; 'Any'=0 from Level0_Discovery	N/A
ReActivate() method with SingleUserMode for Range1 and Ragne2; Response - Pass	N/A
ReActivate() w/ Range1/2 effect: The session - Abort (no data returned)	N/A

ReActivate() w/ Range1/2 and RSLP=0 effect: The LifeCycleState of the LockingSP remains the same	N/A
ReActivate() w/ Range1/2 and RSLP=0 effect: The value of 'C_PIN_Admin1.PIN' remains at their current values	N/A
ReActivate() w/ Range1/2 and RSLP=0 effect: RangeStart and RangeLength remain at their current values	N/A
ReActivate() w/ Range1/2 and RSLP=0 effect: The media encryption keys remain at their current values	N/A
Verify 'SingleUserModeRanges' and 'RangeStartLengthPolicy' from the LockingInfo table	N/A
Verify 'Policy'=0; 'All'=0; 'Any'=1 from Level0_Discovery	N/A
ReActivate() method with entire Locking table and 'RangeStartLengthPolicy'=0; Response - Pass	N/A
ReActivate w/ entireLocking: The session - Abort (no data returned)	N/A
ReActivate w/ entireLocking: The LifeCycleState of the LockingSP remains the same	N/A
ReActivate w/ entireLocking: The value of 'C_PIN_Admin1.PIN' remains at their current values	N/A
ReActivate w/ entireLocking: The media encryption keys remain at their current values	N/A
ReActivate w/ entireLocking: Verify 'SingleUserModeRanges'=EntireLocking and 'RangeStartLengthPolicy'=0 from the LockingInfo table	N/A
ReActivate w/ entireLocking: Verify 'Policy'=0; 'All'=1; 'Any'=1 from Level0_Discovery	N/A
ReActivate w/ entireLocking: Range1-GlobalRange.Set Request in LockingSP as User1-(N+1); Response - StatusCode = 01h(Not_Authorized)	N/A
ReActivate w/ entireLocking: GlobalRange-RangeN.Set Request in LockingSP as User1-(N+1); Response - Pass	N/A
ReActivate() method with all Locking Objects and 'RangeStartLengthPolicy'=0; Response - Pass	N/A
ReActivate w/ allLockingObj: The session - Abort (no data returned)	N/A
ReActivate w/ allLockingObj: The LifeCycleState of the LockingSP remains the same	N/A
ReActivate w/ allLockingObj: The value of 'C_PIN_Admin1.PIN' remains at their current values	N/A
ReActivate w/ allLockingObj: The media encryption keys remain at their current values	N/A
ReActivate w/ allLockingObj: Verify 'SingleUserModeRanges'=all objects and 'RangeStartLengthPolicy'=0 from the LockingInfo table	N/A
ReActivate w/ allLockingObj: Verify 'Policy'=0; 'All'=1; 'Any'=1 from Level0_Discovery	N/A
ReActivate w/ allLockingObj: Range1-GlobalRange.Set Request in LockingSP as User1-(N+1); Response - StatusCode = 01h(Not_Authorized)	N/A
ReActivate w/ allLockingObj: GlobalRange-RangeN.Set Request in LockingSP as User1-(N+1); Response - Pass	N/A
Set a new PIN to userX Request; Response - Pass	N/A
Erase() effect: Locking_Range(X-1).Erase Request; Response - Pass	N/A
Erase() effect: Read/WriteLockEnabled and Read/WriteLocked = 0	N/A
Erase() effect: RangeStart and RangeLength are not changed	N/A

Erase() effect: Generate a new media encryption key for LBA range	N/A
Erase(): C_PIN.UserX = empty	N/A
Erase(): Tries = 0 from the C_PIN table	N/A
Feature Set: Block SID Authentication	PASS
Check the support of BlockSID Authentication from Level0_Discovery	PASS
Block SID Authentication command: pass/abort(the command is supported/not supported)	PASS
Check SID Blocked State after Block SID Authentication command: SID Blocked State = 1	PASS
Start Session as SID after successful execution of Block SID Authentication command: statusCode=01h	PASS
Authenticate - SID (authority UID); Authenticate Response - StatusCode/AuthStatus=00h/00h(SUCCESS/False)	PASS
The Tries column of the SID C_PIN shall not be incremented after Block SID Authentication command	N/A
Clear Events: Revert AdminSP	N/A
Check SID Blocked State(=0) after Revert	N/A
Clear Events: Power Cycle	PASS
Check SID Blocked State(=0) after power cycle	PASS
Block SID Authentication command with Hardware Reset bit=1: Pass	PASS
Check SID Blocked State(=0) after Hardware Reset	PASS
Block SID Authentication command with Hardware Reset(PERST#) bit=1: Pass	PASS
Check SID Blocked State(=0) after Hardware Reset(PERST#)	PASS
Subsequent invocation of Block SID Authentication command: Fail with 'Other Invalid Command Parameter'	PASS
Check Locking SP Freeze Lock State/Supported bit from Level0_Discovery	PASS
Verify Locking SP Freeze Lock State bit and 'Frozen' value in the SP table	N/A
Verify SID State Value(=1) if SID C_PIN credential is NOT the same as the value of the MSID C_PIN credential	PASS
Verify SID State Value(=0) if SID C_PIN credential is the same as the value of the MSID C_PIN credential	PASS
Revert LockingSP	PASS
Start Session with HostChallenge - AdminSP	PASS
Sync Session - AdminSP	PASS
LockingSP.Revert - Request	PASS
LockingSP.Revert - Response	PASS
End Session - Request	PASS
End Session - Response	PASS

# Tested	821
# Passed	821
# Failed	0
# Not Tested	382

Script End Date: Fri   October 14   2022
Time: 05:38:43 PM

Total Runtime: 0:26:09