# Protocols iSCSI Boot Test

EFI\_ISCSI\_INITIATOR\_NAME\_PROTOCOL Test

Reference Document:

*UEFI Specification*, EFI\_ISCSI\_INITIATOR\_NAME\_PROTOCOL Section.

## EFI\_ISCSI\_INITIATOR\_NAME\_PROTOCOL Function Test

### Get() Function

|  |  |  |  |
| --- | --- | --- | --- |
| Number | GUID | Assertion | Test Description |
| 5.17.1.1.1 | 0xed92f3eb, 0xdda4, 0x4c65, 0xb3, 0x9f, 0x6c, 0x90, 0xfb, 0x2e, 0x77, 0xf9 | EFI\_ISCSI\_INITIATOR\_NAME\_PROTOCOL.Get – Calling Get()returns EFI\_SUCCESS. | Call Get() with a valid BufferSize value.  The return status should be EFI\_SUCCESS. |

### Set() Function

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| --- | --- | --- | --- |
| Number | GUID | Assertion | Test Description |
| 5.17.1.2.1 | 0x56cd69be, 0xcfea, 0x4a43, 0xae, 0x1a, 0x41, 0xe4, 0xde, 0x78, 0x83, 0xc8 | EFI\_ISCSI\_INITIATOR\_NAME\_PROTOCOL.Set – Calling Set()returns EFI\_SUCCESS. | Call Set() with valid BufferSize and Buffer values.  The return status should be EFI\_SUCCESS. |

## EFI\_ISCSI\_INITIATOR\_NAME\_PROTOCOL Conformance Test

### Get() Conformance

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| --- | --- | --- | --- |
| Number | GUID | Assertion | Test Description |
| 5.17.2.1.1 | 0x4c893a1c, 0x9c28, 0x4038, 0x9a, 0x34, 0xce, 0xe3, 0x15, 0x70, 0xc4, 0xa6 | EFI\_ISCSI\_INITIATOR\_NAME\_PROTOCOL.Get – Calling Get() should return EFI\_SUCCESS with valid parameters. | Call Get() with valid parameters.  The return status should be EFI\_SUCCESS. |
| 5.17.2.1.2 | 0x5f4d6864, 0xe8ed, 0x452e, 0xb2, 0xbc, 0x9a, 0x0e, 0x06, 0x61, 0x7e, 0x3a | EFI\_ISCSI\_INITIATOR\_NAME\_PROTOCOL.Get – Calling Get() should return EFI\_INVALID\_PARAMETER with a BufferSize or Buffer value of NULL. | 1. Call Get()with a BufferSize value of NULL. The return status should be EFI\_INVALID\_PARAMETER.  2. Call Get() with a Buffer value of NULL. The return status should be EFI\_INVALID\_PARAMETER. |
| 5.17.2.1.3 | 0x2502087d, 0xd853, 0x494e, 0xbd, 0xc5, 0x8b, 0x1a, 0xc1, 0x26, 0xd4, 0x61 | EFI\_ISCSI\_INITIATOR\_NAME\_PROTOCOL.Get – Calling Get() should return EFI\_INVALID\_PARAMETER with a BufferSize value that is too small. | Call Get()with a BufferSize that is too small.  The return status should be EFI\_INVALID\_PARAMETER. |

### Set() Conformance

|  |  |  |  |
| --- | --- | --- | --- |
| Number | GUID | Assertion | Test Description |
| 5.17.2.2.1 | 0x5bd1c13e, 0x1b9c, 0x432f, 0xb9, 0x33, 0xd9, 0xcf, 0x6f, 0xac, 0xd4, 0x2d | EFI\_ISCSI\_INITIATOR\_NAME\_PROTOCOL.Set – Calling Set() should return EFI\_SUCCESS with valid parameters. | Call Set() with valid parameters.  The return status should be EFI\_SUCCESS. |
| 5.17.2.2.2 | 0xacb61cfd, 0xe82b, 0x4250, 0xb0, 0x60, 0xdb, 0x18, 0x55, 0x9e, 0x58, 0xb1 | EFI\_ISCSI\_INITIATOR\_NAME\_PROTOCOL.Set – Calling Set() should return EFI\_INVALID\_PARAMETER with a BufferSize or Buffer value of NULL. | 1. Call Set()with a BufferSize value of NULL. The return should be EFI\_INVALID\_PARAMETER.  2. Call Set() with a Buffer value of NULL. The return should be EFI\_INVALID\_PARAMETER. |
| 5.17.2.2.3 | 0xdc419b8e, 0xb074, 0x4388, 0xbb, 0x85, 0xc8, 0xed, 0xa0, 0x19, 0x95, 0xd3 | EFI\_ISCSI\_INITIATOR\_NAME\_PROTOCOL.Get – Calling Get() should return EFI\_INVALID\_PARAMETER with a BufferSize value that exceeds the maximum. | Call Get()with a BufferSize value that exceeds the maximum.  The return should be EFI\_INVALID\_PARAMETER. |