# Timestamp Protocols

## EFI\_TIMESTAMP\_PROTOCOL Test

Reference Document:

*UEFI Specification*, EFI\_TIMESTAMP\_PROTOCOL Section.

### GetTimestamp()

|  |  |  |  |
| --- | --- | --- | --- |
| Number | GUID | Assertion | Test Description |
| 5.34.1.1.1 | 0xa971e7ad, 0x5889, 0x4af0, 0x8c, 0x7e, 0x05, 0xa6, 0x88, 0xca, 0xf6, 0xd8 | EFI\_TIMESTAMP\_PROTOCOL.GetTimestamp - GetTimestamp() returns reasonable value. | Call GetTimestamp () should return a reasonable value. |

### GetProperties()

|  |  |  |  |
| --- | --- | --- | --- |
| Number | GUID | Assertion | Test Description |
| 5.34.1.2.1 | 0x7530e468, 0xc9d0, 0x4881, 0xa2, 0xe7, 0xb5, 0x9f, 0x80, 0x38, 0x70, 0x26 | EFI\_TIMESTAMP\_PROTOCOL.GetProperties- GetProperties() returns EFI\_SUCCESS with properties being not NULL. | Call GetProperties ()with properties being not NULL, the return status should be EFI\_SUCCESS. |
| 5.34.1.2.2 | 0x2e9847b0, 0x8d24, 0x4c8d, 0xbd, 0xbc, 0x57, 0xc5, 0xdb, 0x10, 0x10, 0x95 | EFI\_TIMESTAMP\_PROTOCOL.GetProperties- GetProperties() Properties.EndValue returned from GetProperties() should be in 0xFFFF format. | Call GetProperties ()with properties being not NULL, Properties.EndValue returned from GetProperties() should be in 0xFFFF format. |
| 5.34.1.2.3 | 0x3b1d442f, 0xcc6d, 0x4e89, 0xa3, 0x91, 0x00, 0x40, 0xb2, 0x39, 0xd7, 0xb6 | EFI\_TIMESTAMP\_PROTOCOL.GetProperties- GetProperties() returns EFI\_INVALID\_PARAMETER with properties being NULL. | Call GetProperties ()with properties being NULL, the return status should be EFI\_INVALID\_PARAMETER. |