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CONTENTS

Foreword 5
Introduction 6
1 Scope 7
2 Normative References 7
2.1 Approved References 7
2.2 Other References 7
3 Terms and Definitions 7
4 Symbols and Abbreviated Terms 8
5 Recipes 9
6 Mappings 9
6.1 CIM_AssociatedIndicatorLED 9
6.2 CIM_ElementCapabilities 12
6.3 CIM_IndicatorLEDCapabilities 14
6.4 CIM_IndicatorLED 16
6.5 CIM_SystemDevice 19
ANNEX A (informative) Change Log 22

Tables

Table 1 – Command Verb Requirements for CIM_AssociatedIndicatorLED 9
Table 2 – Command Verb Requirements for CIM_ElementCapabilities 12
Table 3 – Command Verb Requirements for CIM_IndicatorLEDCapabilities 14
Table 4 – Command Verb Requirements for CIM_IndicatorLED 16
Table 5 – Command Verb Requirements for CIM_SystemDevice 19

58

Foreword

The *Indicator LED Profile SM CLP Command Mapping Specification* (DSP0835) was prepared by the DMTF Server Management Working Group.

Conventions

The pseudo-code conventions utilized in this document are the Recipe Conventions as defined in SNIA SMI-S 1.1.0, section 7.6.

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Introduction

This document defines the SM CLP mapping for CIM elements described in the *Indicator LED Profile*. The information in this specification, combined with the *SM CLP-to-CIM Common Mapping Specification 1.0* (DSP0216), is intended to be sufficient to implement SM CLP commands relevant to the classes, properties, and methods described in the *Indicator LED Profile* using CIM operations.

The target audience for this specification is implementers of the SM CLP support for the *Indicator LED Profile*.

Indicator LED Profile SM CLP Command Mapping Specification

1 Scope

This specification contains the requirements for an implementation of the SM CLP to provide access to, and implement the behaviors of, the *Indicator LED Profile*.

2 Normative References

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

2.1 Approved References

DMTF DSP1074, *Indicator LED Profile 1.0*,
http://www.dmtf.org/standards/published_documents/DSP1074_1.0.pdf

DMTF DSP0216, *SM CLP-to-CIM Common Mapping Specification 1.0*,
http://www.dmtf.org/standards/published_documents/DSP0216_1.0.pdf

SNIA, *Storage Management Initiative Specification (SMI-S) 1.1.0*,
http://www.snia.org/tech_activities/standards/curr_standards/smi

2.2 Other References

ISO/IEC Directives, Part 2, *Rules for the structure and drafting of International Standards*,
http://isotc.iso.org/livelink/livelink.exe?func=ll&objId=4230456&objAction=browse&sort=subtype

3 Terms and Definitions

For the purposes of this document, the following terms and definitions apply.

3.1
can
used for statements of possibility and capability, whether material, physical, or causal

3.2
cannot
used for statements of possibility and capability, whether material, physical, or causal

3.3
conditional
indicates requirements to be followed strictly in order to conform to the document when the specified conditions are met

3.4
mandatory
indicates requirements to be followed strictly in order to conform to the document and from which no deviation is permitted

3.5
may
indicates a course of action permissible within the limits of the document

3.6
need not
indicates a course of action permissible within the limits of the document

3.7
optional
indicates a course of action permissible within the limits of the document

3.8
shall
indicates requirements to be followed strictly in order to conform to the document and from which no deviation is permitted

3.9
shall not
indicates requirements to be followed strictly in order to conform to the document and from which no deviation is permitted

3.10
should
indicates that among several possibilities, one is recommended as particularly suitable, without mentioning or excluding others, or that a certain course of action is preferred but not necessarily required

3.11
should not
indicates that a certain possibility or course of action is deprecated but not prohibited

4 Symbols and Abbreviated Terms

The following symbols and abbreviations are used in this document.

4.1
CIM
Common Information Model

4.2
CLP
Command Line Protocol

4.3
DMTF
Distributed Management Task Force

4.4
SM
Server Management

4.5
SMI-S
Storage Management Initiative Specification

4.6
SNIA
Storage Networking Industry Association

4.7
UFsT
User Friendly selection Tag

5 Recipes

The following is a list of the common recipes used by the mappings in this specification. For a definition of each recipe, see *SM CLP-to-CIM Common Mapping Specification 1.0* (DSP0216).

- smShowInstance
- smShowInstances
- smShowAssociationInstance
- smShowAssociationInstances
- smSetInstance

6 Mappings

The following sections detail the mapping of CLP verbs to CIM Operations for each CIM class defined in the *Indicator LED Profile*. Requirements specified here related to the support for a CLP verb for a particular class are solely within the context of this profile.

6.1 CIM_AssociatedIndicatorLED

The `cd`, `exit`, `help`, and `version` verbs shall be supported as described in DSP0216.

Table 1 lists each SM CLP verb, the required level of support for the verb in conjunction with the target class, and, when appropriate, a cross-reference to the section detailing the mapping for the verb and target. Table 1 is for informational purposes only; in case of a conflict between Table 1 and requirements detailed in the following sections, the text detailed in the following sections supersedes the information in Table 1.

Table 1 – Command Verb Requirements for CIM_AssociatedIndicatorLED

Command Verb	Requirement	Comments
create	Not supported	
delete	Not supported	
dump	Not supported	
load	Not supported	

Command Verb	Requirement	Comments
reset	Not supported	
set	Not supported	
show	Shall	See 6.1.2.
start	Not supported	
stop	Not supported	

No mapping is defined for the following verbs for the specified target: `create`, `delete`, `dump`, `load`, `reset`, `set`, `start`, and `stop`.

6.1.1 Ordering of Results

When results are returned for multiple instances of CIM_AssociatedIndicatorLED, implementations shall utilize the following algorithm to produce the natural (that is, default) ordering:

- Results for CIM_AssociatedIndicatorLED are unordered; therefore, no algorithm is defined.

6.1.2 Show

This section describes how to implement the `show` verb when applied to an instance of CIM_AssociatedIndicatorLED. Implementations shall support the use of the `show` verb with CIM_AssociatedIndicatorLED.

6.1.2.1 Show Command Form for Multiple Instances Target – CIM_ManagedSystemElement Reference

This command form is used to show many instances of CIM_AssociatedIndicatorLED. This command form corresponds to a `show` command issued against the instance of CIM_AssociatedIndicatorLED where only one reference is specified and the reference is to the instance of CIM_ManagedSystemElement.

6.1.2.1.1 Command Form

```
show <CIM_AssociatedIndicatorLED multiple instances>
```

6.1.2.1.2 CIM Requirements

See CIM_AssociatedIndicatorLED in the “CIM Elements” section of the *Indicator LED Profile* for the list of mandatory properties.

6.1.2.1.3 Behavior Requirements

6.1.2.1.3.1 Preconditions

`$instance` represents the instance of a CIM_ManagedSystemElement, which is referenced by CIM_AssociatedIndicatorLED.

6.1.2.1.3.2 Pseudo Code

```
&smShowAssociationInstances ( “CIM_AssociatedIndicatorLED”,
   $instance.getObjectPath() );
&smEnd;
```

6.1.2.2 Show Command Form for Multiple Instance Target – CIM_IndicatorLED Reference

This command form is used to show multiple instance of CIM_AssociatedIndicatorLED. This command form corresponds to a `show` command issued against multiple instances of CIM_AssociatedIndicatorLED, where only one reference is specified and the reference is to the instance of CIM_IndicatorLED.

6.1.2.2.1 Command Form

```
show <CIM_AssociatedIndicatorLED multiple instances>
```

6.1.2.2.2 CIM Requirements

See CIM_AssociatedIndicatorLED in the “CIM Elements” section of the *Indicator LED Profile* for the list of mandatory properties.

6.1.2.2.3 Behavior Requirements

6.1.2.2.3.1 Preconditions

`$instance` represents the instance of CIM_IndicatorLED which is referenced by CIM_AssociatedIndicatorLED.

6.1.2.2.3.2 Pseudo Code

```
&smShowAssociationInstances ( “CIM_AssociatedIndicatorLED”,
   $instance.getObjectPath() );
&smEnd;
```

6.1.2.3 Show Command Form for a Single Instance Target – Both References

This command form is for the `show` verb applied to a single instance. This command form corresponds to the `show` command issued against CIM_AssociatedIndicatorLED where both references are specified; therefore, the desired instance is unambiguously identified.

6.1.2.3.1 Command Form

```
show <CIM_AssociatedIndicatorLED single instance>
```

6.1.2.3.2 CIM Requirements

See CIM_AssociatedIndicatorLED in the “CIM Elements” section of the *Indicator LED Profile* for the list of mandatory properties.

6.1.2.3.3 Behavior Requirements

6.1.2.3.3.1 Preconditions

`$instanceA` represents the referenced instance of CIM_IndicatorLED through CIM_AssociatedIndicatorLED association.

$instanceB represents the instance of CIM_ManagedSystemElement which is referenced by CIM_AssociatedIndicatorLED.

6.1.2.3.3.2 Pseudo Code

```
&smShowAssociationInstance ( “CIM_AssociatedIndicatorLED”, $instanceA.getObjectPath(),
   $instanceB.getObjectPath() );
&smEnd;
```

6.2 CIM_ElementCapabilities

The `cd`, `exit`, `help`, and `version` verbs shall be supported as described in DSP0216.

Table 2 lists each SM CLP verb, the required level of support for the verb in conjunction with the target class, and, when appropriate, a cross-reference to the section detailing the mapping for the verb and target. Table 2 is for informational purposes only; in case of a conflict between Table 2 and requirements detailed in the following sections, the text detailed in the following sections supersedes the information in Table 2.

Table 2 – Command Verb Requirements for CIM_ElementCapabilities

Command Verb	Requirement	Comments
create	Not supported	
delete	Not supported	
dump	Not supported	
load	Not supported	
reset	Not supported	
set	Not supported	
show	Shall	See 6.2.2.
start	Not supported	
stop	Not supported	

No mapping is defined for the following verbs for the specified target: `create`, `delete`, `dump`, `load`, `reset`, `set`, `start`, and `stop`.

6.2.1 Ordering of Results

When results are returned for multiple instances of CIM_ElementCapabilities, implementations shall utilize the following algorithm to produce the natural (that is, default) ordering:

- Results for CIM_ElementCapabilities are unordered; therefore, no algorithm is defined.

6.2.2 Show

This section describes how to implement the `show` verb when applied to an instance of CIM_ElementCapabilities. Implementations shall support the use of the `show` verb with CIM_ElementCapabilities.

6.2.2.1 Show Command Form for Multiple Instances Target – CIM_IndicatorLEDCapabilities Reference

This command form is used to show many instances of CIM_ElementCapabilities. This command form corresponds to a `show` command issued against instances of CIM_ElementCapabilities where only one reference is specified and the reference is to an instance of CIM_IndicatorLEDCapabilities.

6.2.2.1.1 Command Form

```
show <CIM_ElementCapabilities multiple instances>
```

6.2.2.1.2 CIM Requirements

See CIM_ElementCapabilities in the “CIM Elements” section of the *Indicator LED Profile* for the list of mandatory properties.

6.2.2.1.3 Behavior Requirements

6.2.2.1.3.1 Preconditions

`$instance` represents the instance of CIM_IndicatorLEDCapabilities which is referenced by CIM_ElementCapabilities.

6.2.2.1.3.2 Pseudo Code

```
&smShowAssociationInstances ( “CIM_ElementCapabilities”, $instance.getObjectPath() );
&smEnd;
```

6.2.2.2 Show Command Form for a Single Instance – CIM_IndicatorLED Reference

This command form is used to show a single instance of CIM_ElementCapabilities. This command form corresponds to a `show` command issued against a single instance of CIM_ElementCapabilities where only one reference is specified and the reference is to the instance of CIM_IndicatorLED.

6.2.2.2.1 Command Form

```
show <CIM_ElementCapabilities single instance>
```

6.2.2.2.2 CIM Requirements

See CIM_ElementCapabilities in the “CIM Elements” section of the *Indicator LED Profile* for the list of mandatory properties.

6.2.2.2.3 Behavior Requirements

6.2.2.2.3.1 Preconditions

`$instance` represents the instance of CIM_IndicatorLED which is referenced by CIM_ElementCapabilities.

6.2.2.2.3.2 Pseudo Code

```
&smShowAssociationInstances ( “CIM_ElementCapabilities”, $instance.getObjectPath() );
&smEnd;
```

6.2.2.3 Show Command Form for a Single Instance Target – Both References

This command form is for the `show` verb applied to a single instance. This command form corresponds to the `show` command issued against CIM_ElementCapabilities where both references are specified and therefore the desired instance is unambiguously identified.

6.2.2.3.1 Command Form

```
show <CIM_ElementCapabilities single instance>
```

6.2.2.3.2 CIM Requirements

See CIM_ElementCapabilities in the “CIM Elements” section of the *Indicator LED Profile* for the list of mandatory properties.

6.2.2.3.3 Behavior Requirements

6.2.2.3.3.1 Preconditions

$instanceA represents the referenced instance of CIM_IndicatorLED through CIM_ElementCapabilities association.

$instanceB represents the instance of CIM_IndicatorLEDCapabilities which is referenced by CIM_ElementCapabilities.

6.2.2.3.3.2 Pseudo Code

```
&smShowAssociationInstance ( “CIM_ElementCapabilities”, $instanceA.getObjectPath(),
   $instanceB.getObjectPath() );
&smEnd;
```

6.3 CIM_IndicatorLEDCapabilities

The `cd`, `exit`, `help`, and `version` verbs shall be supported as described in DSP0216.

Table 3 lists each SM CLP verb, the required level of support for the verb in conjunction with the target class, and, when appropriate, a cross-reference to the section detailing the mapping for the verb and target. Table 3 is for informational purposes only; in case of a conflict between Table 3 and requirements detailed in the following sections, the text detailed in the following sections supersedes the information in Table 3.

Table 3 – Command Verb Requirements for CIM_IndicatorLEDCapabilities

Command Verb	Requirement	Comments
create	Not supported	
delete	Not supported	
dump	Not supported	
load	Not supported	
reset	Not supported	
set	Not supported	
show	Shall	See 6.3.2.
start	Not supported	
stop	Not supported	

No mapping is defined for the following verbs for the specified target: `create`, `delete`, `dump`, `load`, `reset`, `set`, `start`, and `stop`.

6.3.1 Ordering of Results

When results are returned for multiple instances of CIM_IndicatorLEDCapabilities, implementations shall utilize the following algorithm to produce the natural (that is, default) ordering:

- Results for CIM_IndicatorLEDCapabilities are unordered; therefore, no algorithm is defined.

6.3.2 Show

This section describes how to implement the `show` verb when applied to an instance of CIM_IndicatorLEDCapabilities. Implementations shall support the use of the `show` verb with CIM_IndicatorLEDCapabilities.

6.3.2.1 Show Command Form for Multiple Instances Target

This command form is used to show many instances of CIM_IndicatorLEDCapabilities.

6.3.2.1.1 Command Form

```
show <CIM_IndicatorLEDCapabilities multiple instances>
```

6.3.2.1.2 CIM Requirements

See CIM_IndicatorLEDCapabilities in the “CIM Elements” section of the *Indicator LED Profile* for the list of mandatory properties.

6.3.2.1.3 Behavior Requirements

6.3.2.1.3.1 Preconditions

`$containerInstance` represents the instance of CIM_ConcreteCollection with ElementName property that contains “Capabilities” and is associated to the targeted instances of CIM_IndicatorLEDCapabilities through the CIM_MemberOfCollection association.

`#all` is true if the “-all” option was specified with the command; otherwise, `#all` is false.

6.3.2.1.3.2 Pseudo Code

```
#propertylist[] = NULL;
if ( false == #all )
   {
   #propertylist[] = <array of mandatory non-key property names (see CIM
      Requirements)>;
   }
&smShowInstances ( “CIM_IndicatorLEDCapabilities”, “CIM_MemberOfCollection”,
   $containerInstance.getObjectPath(), #propertylist[] );
&smEnd;
```

6.3.2.2 Show Command Form for a Single Instance Target

This command form is used to show a single instance of CIM_IndicatorLEDCapabilities.

6.3.2.2.1 Command Form

```
show <CIM_IndicatorLEDCapabilities single instance>
```

6.3.2.2.2 CIM Requirements

See CIM_IndicatorLEDCapabilities in the “CIM Elements” section of the *Indicator LED Profile* for the list of mandatory properties.

6.3.2.2.3 Behavior Requirements

6.3.2.2.3.1 Preconditions

`$instance` represents the targeted instance of CIM_IndicatorLEDCapabilities.

`#all` is true if the "-all" option was specified with the command; otherwise, `#all` is false.

6.3.2.2.3.2 Pseudo Code

```
$instance=<CIM_IndicatorLEDCapabilities single instance>;
#propertylist[] = NULL;
if ( false == #all )
   {
   #propertylist[] = <array of mandatory non-key property names (see CIM
      Requirements)>;
   }
&smShowInstance ( $instance.getObjectPath(), #propertylist[] );
&smEnd;
```

6.4 CIM_IndicatorLED

The `cd`, `exit`, `help`, and `version` verbs shall be supported as described in DSP0216.

Table 4 lists each SM CLP verb, the required level of support for the verb in conjunction with the target class, and, when appropriate, a cross-reference to the section detailing the mapping for the verb and target. Table 4 is for informational purposes only; in case of a conflict between Table 4 and requirements detailed in the following sections, the text detailed in the following sections supersedes the information in Table 4.

Table 4 – Command Verb Requirements for CIM_IndicatorLED

Command Verb	Requirement	Comments
create	Not supported	
delete	Not supported	
dump	Not supported	
load	Not supported	
reset	Not supported	
set	May	See 6.4.2.
show	Shall	See 6.4.3.
start	Not supported	
stop	Not supported	

No mapping is defined for the following verbs for the specified target: `create`, `delete`, `dump`, `load`, `reset`, `start`, and `stop`.

6.4.1 Ordering of Results

When results are returned for multiple instances of CIM_IndicatorLED, implementations shall utilize the following algorithm to produce the natural (that is, default) ordering:

- Results for CIM_IndicatorLED are unordered; therefore, no algorithm is defined.

6.4.2 Set

This section describes how to implement the `set` verb when it is applied to an instance of CIM_IndicatorLED. Implementations may support the use of the `set` verb with CIM_IndicatorLED.

The `set` verb is used to modify descriptive properties of the CIM_IndicatorLED instance.

6.4.2.1 General Usage of Set for a Single Property

This command form corresponds to the general usage of the `set` verb to modify a single property of a target instance. This is the most common case.

The requirement for supporting modification of a property using this command form shall be equivalent to the requirement for supporting modification of the property using the ModifyInstance operation as defined in the *Indicator LED Profile*.

6.4.2.1.1 Command Form

```
set <CIM_IndicatorLED single object> <propertyname>=<propertyvalue>
```

6.4.2.1.2 CIM Requirements

See CIM_IndicatorLED in the “CIM Elements” section of the *Indicator LED Profile* for the list of mandatory properties.

6.4.2.1.3 Behavior Requirements

```
$instance=<CIM_IndicatorLED single object>
#propertyNames[] = {<propertyname>};
#propertyValues[] = {<propertyvalue>};
&smSetInstance ( $instance, #propertyNames[], #propertyValues[] );
&smEnd;
```

6.4.2.2 General Usage of Set for Multiple Properties

This command form corresponds to the general usage of the `set` verb to modify multiple properties of a target instance where there is not an explicit relationship between the properties. This is the most common case.

The requirement for supporting modification of a property using this command form shall be equivalent to the requirement for supporting modification of the property using the ModifyInstance operation as defined in the *Indicator LED Profile*.

6.4.2.2.1 Command Form

```
set <CIM_IndicatorLED multiple objects> <propertyname1>=<propertyvalue1>
   <propertyname n>=<propertyvalue n>
```

6.4.2.2.2 CIM Requirements

See CIM_IndicatorLED in the “CIM Elements” section of the *Indicator LED Profile* for the list of mandatory properties.

6.4.2.2.3 Behavior Requirements

```
$instance=<CIM_IndicatorLED multiple objects>
#propertyNames[] = {<propertyname>};
for #i < n
   {
   #propertyNames[#i] = <propertname#i>
   #propertyValues[#i] = <propertyvalue#i>
   }
&smSetInstance ( $instance, #propertyNames[], #propertyValues[] );
&smEnd;
```

6.4.3 Show

This section describes how to implement the `show` verb when applied to an instance of CIM_IndicatorLED. Implementations shall support the use of the `show` verb with CIM_IndicatorLED.

6.4.3.1 Show Command Form for Multiple Instances Target

This command form is used to show many instances of CIM_IndicatorLED.

6.4.3.1.1 Command Form

```
show <CIM_IndicatorLED multiple instances>
```

6.4.3.1.2 CIM Requirements

See CIM_IndicatorLED in the “CIM Elements” section of the *Indicator LED Profile* for the list of mandatory properties.

6.4.3.1.3 Behavior Requirements

6.4.3.1.3.1 Preconditions

`$containerInstance` represents the instance of CIM_ComputerSystem which represents the container system and is associated to the targeted instances of CIM_IndicatorLED through the CIM_SystemDevice association.

`#all` is true if the “-all” option was specified with the command; otherwise, `#all` is false.

6.4.3.1.3.2 Pseudo Code

```
#propertylist[] = NULL;
if ( false == #all )
   {
   #propertylist[] = <array of mandatory non-key property names (see CIM
      Requirements)>;
   }
&smShowInstances ( “CIM_IndicatorLED”, “CIM_SystemDevice”,
   $containerInstance.getObjectPath(), #propertylist[] );
&smEnd;
```

6.4.3.2 Show Command Form for a Single Instance Target

This command form is used to show a single instance of CIM_IndicatorLED.

6.4.3.2.1 Command Form

```
show <CIM_IndicatorLED single instance>
```

6.4.3.2.2 CIM Requirements

See CIM_IndicatorLED in the “CIM Elements” section of the *Indicator LED Profile* for the list of mandatory properties.

6.4.3.2.3 Behavior Requirements

6.4.3.2.3.1 Preconditions

`$instance` represents the targeted instance of CIM_IndicatorLED.

`#all` is true if the “-all” option was specified with the command; otherwise, `#all` is false.

6.4.3.2.3.2 Pseudo Code

```
$instance=<CIM_IndicatorLED single instance>;
#propertylist[] = NULL;
if ( false == #all )
   {
   #propertylist[] = <array of mandatory non-key property names (see CIM
      Requirements)>;
   }
&smShowInstance ( $instance.getObjectPath(), #propertylist[] );
&smEnd;
```

6.5 CIM_SystemDevice

The `cd`, `exit`, `help`, and `version` verbs shall be supported as described in DSP0216.

Table 5 lists each SM CLP verb, the required level of support for the verb in conjunction with the target class, and, when appropriate, a cross-reference to the section detailing the mapping for the verb and target. Table 5 is for informational purposes only; in case of a conflict between Table 5 and requirements detailed in the following sections, the text detailed in the following sections supersedes the information in Table 5.

Table 5 – Command Verb Requirements for CIM_SystemDevice

Command Verb	Requirement	Comments
create	Not supported	
delete	Not supported	
dump	Not supported	
load	Not supported	
reset	Not supported	
set	Not supported	
show	Shall	See 6.5.2.
start	Not supported	
stop	Not supported	

No mapping is defined for the following verbs for the specified target: `create`, `delete`, `dump`, `load`, `reset`, `set`, `start`, and `stop`.

6.5.1 Ordering of Results

When results are returned for multiple instances of CIM_SystemDevice, implementations shall utilize the following algorithm to produce the natural (that is, default) ordering:

- Results for CIM_SystemDevice are unordered; therefore, no algorithm is defined.

6.5.2 Show

This section describes how to implement the `show` verb when applied to an instance of CIM_SystemDevice. Implementations shall support the use of the `show` verb with CIM_SystemDevice.

6.5.2.1 Show Command Form for Multiple Instances Target – CIM_ComputerSystem Reference

This command form is used to show many instances of CIM_SystemDevice. This command form corresponds to a `show` command issued against the instance of CIM_SystemDevice where only one reference is specified and the reference is to the scoping instance of CIM_ComputerSystem.

6.5.2.1.1 Command Form

```
show <CIM_SystemDevice multiple instances>
```

6.5.2.1.2 CIM Requirements

See CIM_SystemDevice in the “CIM Elements” section of the *Indicator LED Profile* for the list of mandatory properties.

6.5.2.1.3 Behavior Requirements

6.5.2.1.3.1 Preconditions

`$instance` represents the instance of a CIM_ComputerSystem, which is referenced by CIM_SystemDevice.

6.5.2.1.3.2 Pseudo Code

```
&smShowAssociationInstances ( “CIM_SystemDevice”, $instance.getObjectPath() );
&smEnd;
```

6.5.2.2 Show Command Form for a Single Instance Target – CIM_IndicatorLED Reference

This command form is used to show a single instance of CIM_SystemDevice. This command form corresponds to a `show` command issued against a single instance of CIM_SystemDevice, where only one reference is specified and the reference is to the instance of CIM_IndicatorLED.

6.5.2.2.1 Command Form

```
show <CIM_SystemDevice single instance>
```

6.5.2.2.2 CIM Requirements

See CIM_IndicatorLED in the “CIM Elements” section of the *Indicator LED Profile* for the list of mandatory properties.

6.5.2.2.3 Behavior Requirements

6.5.2.2.3.1 Preconditions

`$instance` represents the instance of CIM_IndicatorLED which is referenced by the CIM_SystemDevice association.

6.5.2.2.3.2 Pseudo Code

```
&smShowAssociationInstances ( “CIM_SystemDevice”, $instance.getObjectPath() );
&smEnd;
```

6.5.2.3 Show Command Form for a Single Instance Target – Both References

This command form is for the `show` verb applied to a single instance. This command form corresponds to the `show` command issued against CIM_SystemDevice where both references are specified; therefore, the desired instance is unambiguously identified.

6.5.2.3.1 Command Form

```
show <CIM_SystemDevice single instance>
```

6.5.2.3.2 CIM Requirements

See CIM_IndicatorLED in the “CIM Elements” section of the *Indicator LED Profile* for the list of mandatory properties.

6.5.2.3.3 Behavior Requirements

6.5.2.3.3.1 Preconditions

`$instanceA` represents the referenced instance of CIM_IndicatorLED through CIM_SystemDevice association.

`$instanceB` represents the instance of CIM_ComputerSystem which is referenced by CIM_SystemDevice.

6.5.2.3.3.2 Pseudo Code

```
&smShowAssociationInstance ( “CIM_SystemDevice”, $instanceA.getObjectPath(),
   $instanceB.getObjectPath() );
&smEnd;
```

ANNEX A
(informative)

Change Log

Version	Date	Author	Description
1.0.0	2009-06-04		DMTF Standard Release