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# **DNS Client Profile SM CLP Command Mapping** 5

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66	Foreword			
67 68	The DNS Client Profile SM CLP Command Mapping Specification (DSP0819) was prepared by the Server Management Working Group.			
69	Conventions			
70 71	The pseudo-code conventions utilized in this document are the Recipe Conventions as defined in the <a href="SMI-S 1.1.0">SMI-S 1.1.0</a> , section 7.6.			
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methods described in the **DNS Client Profile** using CIM operations.

84	Introduction
85	This document defines the SM CLP mapping for CIM elements described in the <u>DNS Client Profile</u> . The
86	information in this specification, combined with the SM CLP-to-CIM Common Mapping Specification 1.0,
87	is intended to be sufficient to implement SM CLP commands relevant to the classes, properties, and

The target audience for this specification is implementers of the SM CLP support for the <a href="DNS Client">DNS Client</a>

90 Profile.

## **DNS Client Profile SM CLP Command Mapping Specification**

## 92 **1 Scope**

- 93 This specification contains the requirements for an implementation of the SM CLP to provide access to,
- and implement the behaviors of, the DNS Client Profile.

## 95 **2 Normative References**

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

## 99 2.1 Approved References

- 100 DMTF DSP0216, SM CLP-to-CIM Common Mapping Specification 1.0,
- 101 <a href="http://www.dmtf.org/standards/published\_documents/DSP0216\_1.0.pdf">http://www.dmtf.org/standards/published\_documents/DSP0216\_1.0.pdf</a>
- 102 DMTF DSP1038, DNS Client Profile 1.0.
- http://www.dmtf.org/standards/published\_documents/DSP1038\_1.0.pdf
- 104 SNIA, Storage Management Initiative Specification (SMI-S) 1.1.0,
- 105 http://www.snia.org/tech\_activities/standards/curr\_standards/smi

## 106 2.2 Other References

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

## 109 3 Terms and Definitions

- 110 For the purposes of this document, the following terms and definitions apply.
- 111 3.1
- 112 can
- used for statements of possibility and capability, whether material, physical, or causal
- 114 3.2
- 115 cannot
- used for statements of possibility and capability, whether material, physical or causal
- 117 3.3
- 118 conditional
- 119 indicates requirements to be followed strictly in order to conform to the document when the specified
- 120 conditions are met
- 121 **3.4**
- 122 mandatory
- 123 indicates requirements to be followed strictly in order to conform to the document and from which no
- 124 deviation is permitted

- 125 **3.5**
- 126 **may**
- indicates a course of action permissible within the limits of the document
- 128 **3.6**
- 129 need not
- indicates a course of action permissible within the limits of the document
- 131 **3.7**
- 132 optional
- indicates a course of action permissible within the limits of the document
- 134 **3.8**
- 135 **shall**
- 136 indicates requirements to be followed strictly in order to conform to the document and from which no
- 137 deviation is permitted
- 138 **3.9**
- 139 shall not
- indicates requirements to be followed strictly in order to conform to the document and from which no
- 141 deviation is permitted
- 142 **3.10**
- 143 should
- 144 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
- 146 **3.11**
- 147 should not
- 148 indicates that a certain possibility or course of action is deprecated but not prohibited

## 149 4 Symbols and Abbreviated Terms

- 150 The following symbols and abbreviations are used in this document.
- 151 **4.1**
- 152 **CIM**
- 153 Common Information Model
- 154 **4.2**
- 155 **CLP**
- 156 Command Line Protocol
- 157 **4.3**
- 158 **DMTF**
- 159 Distributed Management Task Force
- 160 **4.4**
- 161 **IETF**
- 162 Internet Engineering Task Force

- 163 **4.5**
- 164 **SM**
- 165 Server Management
- 166 **4.6**
- 167 **SMI-S**
- 168 Storage Management Initiative Specification
- 169 **4.7**
- 170 **SNIA**
- 171 Storage Networking Industry Association
- 172 **4.8**

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- 173 **UFsT**
- 174 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()
- 180 smSetInstance()
- smShowAssociationInstances()
- smShowAssociationInstance()
- 183 This mapping does not define any recipes for local reuse.

## 184 6 Mappings

- 185 The following sections detail the mapping of CLP verbs to CIM Operations for each CIM class defined in
- the <u>DNS Client Profile</u>. Requirements specified here related to support for a CLP verb for a particular
- 187 class are solely within the context of this profile.

## 6.1 CIM DNSGeneralSettingData

- The cd and help verbs shall be supported as described in <u>DSP0216</u>.
- 190 Table 1 lists each SM CLP verb, the required level of support for the verb in conjunction with instances of
- 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
- 193 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\_DNSGeneralSettingData

Command Verb	Requirement	Comments
create	Not supported	
delete	Not supported	

Command Verb	Requirement	Comments
dump	Not supported	
load	Not supported	
reset	Not supported	
set	May	See 6.1.2.
show	Shall	See 6.1.3.
start	Not supported	
stop	Not supported	

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

## 198 **6.1.1 Ordering of Results**

- When results are returned for multiple instances of CIM\_DNSGeneralSettingData, implementations shall utilize the following algorithm to produce the natural (that is, default) ordering:
- Results for CIM DNSGeneralSettingData are unordered; therefore, no algorithm is defined.

## 202 **6.1.2** Set

- 203 This section describes how to implement the set verb when it is applied to an instance of
- 204 CIM\_DNSGeneralSettingData. Implementations may support the use of the set verb with
- 205 CIM\_DNSGeneralSettingData.
- The set verb is used to modify the properties of the CIM\_DNSGeneralSettingData instance.

## 207 6.1.2.1 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
- 209 target instance. This is the most common case.
- 210 The requirement for supporting modification of a property using this command form shall be equivalent to
- 211 the requirement for supporting modification of the property using the ModifyInstance operation as defined
- 212 in the **DNS Client Profile**.

#### 213 **6.1.2.1.1 Command Form**

## 215 **6.1.2.1.2 CIM Requirements**

See CIM\_DNSGeneralSettingData in the "CIM Elements" section of the <u>DNS Client Profile</u> for the list of modifiable properties.

## 218 6.1.2.1.3 Behavior Requirements

```
$\finstance=<CIM_DNSGeneralSettingData single instance>
#propertyNames[] = {propertyname>};
#propertyValues[] = {propertyvalue>};
%#propertyValues[] = {propertyNames[], #propertyValues[] );
%#propertyValues[] );
%#propertyValues[] );
```

## 224 6.1.2.2 General Usage of Set for Multiple Properties

- 225 This command form corresponds to the general usage of the set verb to modify multiple properties of a
- 226 target instance where there is not an explicit relationship between the properties. This is the most
- 227 common case.
- 228 The requirement for supporting modification of a property using this command form shall be equivalent to
- 229 the requirement for supporting modification of the property using the ModifyInstance operation as defined
- 230 in the DNS Client Profile.
- 231 **6.1.2.2.1 Command Form**
- 234 **6.1.2.2.2 CIM Requirements**
- See CIM\_DNSGeneralSettingData in the "CIM Elements" section of the <u>DNS Client Profile</u> for the list of mandatory properties.
- 237 6.1.2.2.3 Behavior Requirements

```
238
      $instance=<CIM_DNSGeneralSettingData single instance>
239
      #propertyNames[] = {cpropertyname>};
240
      for #i < n
241
          {
242
          #propertyNames[#i] = cpropertname#i>
243
          #propertyValues[#i] = cpropertyvalue#i>
244
245
      &smSetInstance ( $instance, #propertyNames[], #propertyValues[] );
246
      &smEnd;
```

- 247 **6.1.3** Show
- 248 This section describes how to implement the show verb when applied to an instance of
- 249 CIM DNSGeneralSettingData. Implementations shall support the use of the show verb with
- 250 CIM DNSGeneralSettingData.
- 251 The show verb is used to display information about CIM\_DNSGeneralSettingData.
- 252 6.1.3.1 Show a Single Instance
- 253 This command form is for the show verb applied to a single instance of CIM DNSGeneralSettingData.
- 254 **6.1.3.1.1 Command Form**
- 255 show <CIM\_DNSGeneralSettingData single instance>
- 256 **6.1.3.1.2 CIM Requirements**
- 257 See CIM\_DNSGeneralSettingData in the "CIM Elements" section of the <u>DNS Client Profile</u> for the list of
- 258 mandatory properties.
- 259 6.1.3.1.3 Behavior Requirements
- 260 6.1.3.1.3.1 Preconditions
- #all is true if the "-all" option was specified with the command; otherwise, #all is false.

## 262 **6.1.3.1.3.2** Pseudo Code

## 271 6.1.3.2 Show Multiple Instances in Settings Collection

- 272 This command form is for the show verb applied to multiple instances of CIM\_DNSGeneralSettingData.
- 273 This command form corresponds to UFsT-based selection within a scoping system.

#### 274 **6.1.3.2.1** Command Form

- 275 show <CIM\_DNSGeneralSettingData multiple instances>
- 276 **6.1.3.2.2 CIM Requirements**
- 277 See CIM\_DNSGeneralSettingData in the "CIM Elements" section of the DNS Client Profile for the list of
- 278 mandatory properties.
- 279 6.1.3.2.3 Behavior Requirements
- 280 **6.1.3.2.3.1 Preconditions**
- 281 \$containerInstance contains the instance of CIM ConcreteCollection for which related
- 282 CIM DNSGeneralSettingData instances are displayed. The CIM DNSGeneralSettingData instance is
- associated with an instance of CIM\_ConcreteCollection via an instance of the CIM\_MemberOfCollection
- 284 association.

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

## 286 **6.1.3.2.3.2** Pseudo Code

```
#propertylist[] = NULL;

if (false == #all)

{
    #propertylist[] = { //all mandatory non-key properties }

}

%smShowInstances ( "CIM_DNSGeneralSettingData", "CIM_MemberOfCollection",

$containerInstance.getInstancePath(), #propertylist[] );

&smEnd;
```

## 6.1.3.3 Show Multiple Instances

- 296 This command form is for the show verb applied to multiple instances of CIM\_DNSGeneralSettingData.
- This command form corresponds to UFsT-based selection within a scoping system.
- 298 **6.1.3.3.1 Command Form**
- 299 show <CIM\_DNSGeneralSettingData multiple instances>

304

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## 300 **6.1.3.3.2 CIM Requirements**

301 See CIM\_DNSGeneralSettingData in the "CIM Elements" section of the <u>DNS Client Profile</u> for the list of mandatory properties.

## 6.1.3.3.3 Behavior Requirements

#### 6.1.3.3.3.1 Preconditions

\$containerInstance contains the instance of CIM\_ConcreteCollection for which we are displaying

306 related CIM\_DNSGeneralSettingData instances. SM ME Addressing requires that the

CIM\_DNSGeneralSettingData instance be associated with an instance of CIM\_ConcreteCollection via an instance of the CIM\_MemberOfCollection association.

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

#### 6.1.3.3.3.2 Pseudo Code

## 6.2 CIM\_DNSSettingData

320 The cd and help verbs shall be supported as described in <u>DSP0216</u>.

Table 2 lists each SM CLP verb, the required level of support for the verb in conjunction with instances of 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\_DNSSettingData

Command Verb	Requirement	Comments
create	Not supported	
delete	Not supported	
dump	Not supported	
load	Not supported	
reset	Not supported	
set	May	See 6.2.2.
show	Shall	See 6.2.3.
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.

## 329 6.2.1 Ordering of Results

- 330 When results are returned for multiple instances of CIM\_DNSSettingData, implementations shall utilize
- the following algorithm to produce the natural (that is, default) ordering:
- Results for CIM DNSSettingData are unordered; therefore, no algorithm is defined.
- 333 **6.2.2 Set**
- 334 This section describes how to implement the set verb when it is applied to an instance of
- 335 CIM DNSSettingData. Implementations may support the use of the set verb with CIM DNSSettingData.
- 336 The set verb is used to modify the properties of the CIM\_DNSSettingData instance.
- 337 6.2.2.1 General Usage of Set for a Single Property
- 338 This command form corresponds to the general usage of the set verb to modify a single property of a
- 339 target instance. This is the most common case.
- 340 The requirement for supporting modification of a property using this command form shall be equivalent to
- 341 the requirement for supporting modification of the property using the ModifyInstance operation as defined
- 342 in the DNS Client Profile.
- 343 **6.2.2.1.1 Command Form**
- 345 **6.2.2.1.2 CIM Requirements**
- 346 See CIM\_DNSSettingData in the "CIM Elements" section of the DNS Client Profile for the list of
- 347 modifiable properties.
- 348 **6.2.2.1.3** Behavior Requirements
- #propertyNames[] = {cpropertyname>};
- #propertyValues[] = {propertyvalue>};
- 352 &smSetInstance ( \$instance, #propertyNames[], #propertyValues[] );
- 353 &smEnd;
- 354 **6.2.2.2 General Usage of Set for Multiple Properties**
- 355 This command form corresponds to the general usage of the set verb to modify multiple properties of a
- 356 target instance where there is not an explicit relationship between the properties. This is the most
- 357 common case.
- 358 The requirement for supporting modification of a property using this command form shall be equivalent to
- 359 the requirement for supporting modification of the property using the ModifyInstance operation as defined
- in the **DNS Client Profile**.
- 361 **6.2.2.2.1 Command Form**
- 364 **6.2.2.2.2 CIM Requirements**
- 365 See CIM\_DNSSettingData in the "CIM Elements" section of the <u>DNS Client Profile</u> for the list of mandatory properties.

## 367 6.2.2.2.3 Behavior Requirements

```
368
      $instance=<CIM_DNSSettingData single instance>
369
      #propertyNames[] = {cpropertyname>};
370
      for \#i < n
371
372
          #propertyNames[#i] = cpropertname#i>
373
          #propertyValues[#i] = cpropertyvalue#i>
374
375
      &smSetInstance ( $instance, #propertyNames[], #propertyValues[] );
376
      &smEnd;
```

## 377 **6.2.3 Show**

- 378 This section describes how to implement the show verb when applied to an instance of
- 379 CIM DNSSettingData. Implementations shall support the use of the show verb with
- 380 CIM DNSSettingData.
- The show verb is used to display information about CIM\_DNSSettingData.
- 382 6.2.3.1 Show a Single Instance
- 383 This command form is for the show verb applied to a single instance of CIM\_DNSSettingData.
- 384 **6.2.3.1.1 Command Form**
- 385 show <CIM\_DNSSettingData single instance>
- 386 **6.2.3.1.2 CIM Requirements**
- 387 See CIM\_DNSSettingData in the "CIM Elements" section of the DNS Client Profile for the list of
- 388 mandatory properties.

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- 389 6.2.3.1.3 Behavior Requirements
- 390 **6.2.3.1.3.1** Preconditions
- #all is true if the "-all" option was specified with the command; otherwise, #all is false.
- 392 **6.2.3.1.3.2** Pseudo Code

## 6.2.3.2 Show Multiple Instances

This command form is for the show verb applied to multiple instances of CIM\_DNSSettingData. This command form corresponds to UFsT-based selection within a scoping system.

## 404 **6.2.3.2.1** Command Form

405 show <CIM\_DNSSettingData multiple instances>

## 406 **6.2.3.2.2 CIM Requirements**

- See CIM\_DNSSettingData in the "CIM Elements" section of the <u>DNS Client Profile</u> for the list of mandatory properties.
- 409 6.2.3.2.3 Behavior Requirements
- 410 **6.2.3.2.3.1** Preconditions
- 411 \$containerInstance contains the instance of CIM\_IPAssignmentSettingData for which related
- 412 CIM\_DNSSettingData instances are displayed. The CIM\_DNSSettingData instance is associated with an
- 413 instance of CIM\_IPAssignmentSettingData via an instance of the CIM\_OrderedComponent association.
- 414 #all is true if the "-all" option was specified with the command; otherwise, #all is false.

#### 6.2.3.2.3.2 Pseudo Code

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## 6.3 CIM\_DNSProtocolEndpoint

The cd and help 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 instances of 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\_DNSProtocolEndpoint

Command Verb	Requirement	Comments
create	Not supported	
delete	Not supported	
dump	Not supported	
load	Not supported	
reset	Not supported	
set	May	See 6.3.2.
show	Shall	See 6.3.3.
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.

## 434 6.3.1 Ordering of Results

- When results are returned for multiple instances of CIM\_DNSProtocolEndpoint, implementations shall
- 436 utilize the following algorithm to produce the natural (that is, default) ordering:
- Results for CIM\_DNSProtocolEndpoint are unordered; therefore, no algorithm is defined.
- 438 **6.3.2** Set
- This section describes how to implement the set verb when it is applied to an instance of
- 440 CIM DNSProtocolEndpoint. Implementations may support the use of the set verb with
- 441 CIM DNSProtocolEndpoint.
- The set verb is used to modify descriptive properties of the CIM\_DNSProtocolEndpoint instance.
- 443 6.3.2.1 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
- 447 the requirement for supporting modification of the property using the ModifyInstance operation as defined
- 448 in the **DNS Client Profile**.
- 449 **6.3.2.1.1** Command Form
- 451 **6.3.2.1.2 CIM Requirements**
- 452 See CIM DNSProtocolEndpoint in the "CIM Elements" section of the DNS Client Profile for the list of
- 453 modifiable properties.

### 454 6.3.2.1.3 Behavior Requirements

### 460 6.3.2.2 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
- 462 target instance where there is not an explicit relationship between the properties. This is the most
- 463 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
- 466 in the DNS Client Profile.

#### 467 **6.3.2.2.1 Command Form**

## 470 **6.3.2.2.2 CIM Requirements**

471 See CIM\_DNSProtocolEndpoint in the "CIM Elements" section of the <u>DNS Client Profile</u> for the list of

472 mandatory properties.

## 473 6.3.2.2.3 Behavior Requirements

```
474
      $instance=<CIM_DNSProtocolEndpoint single instance>
475
      #propertyNames[] = {cpropertyname>};
476
      for \#i < n
477
478
         #propertyNames[#i] = ropertname#i>
479
         #propertyValues[#i] = ropertyvalue#i>
480
481
      &smSetInstance ( $instance, #propertyNames[], #propertyValues[] );
482
      &smEnd;
```

## 483 **6.3.3 Show**

- This section describes how to implement the show verb when applied to an instance of
- 485 CIM\_DNSProtocolEndpoint. Implementations shall support the use of the show verb with
- 486 CIM DNSProtocolEndpoint.
- The show verb is used to display information about the IP interface.
- 488 6.3.3.1 Show a Single Instance
- This command form is for the show verb applied to a single instance of CIM\_DNSProtocolEndpoint.
- 490 **6.3.3.1.1 Command Form**
- 491 show <CIM\_DNSProtocolEndpoint single instance>
- 492 **6.3.3.1.2 CIM Requirements**
- 493 See CIM\_DNSProtocolEndpoint in the "CIM Elements" section of the DNS Client Profile for the list of
- 494 mandatory properties.
- 495 6.3.3.1.3 Behavior Requirements
- 496 6.3.3.1.3.1 Preconditions
- 497 #all is true if the "-all" option was specified with the command; otherwise, #all is false.

#### 498 **6.3.3.1.3.2** Pseudo Code

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## 507 6.3.3.2 Show Multiple Instances

This command form is for the show verb applied to multiple instances of CIM\_DNSProtocolEndpoint. This command form corresponds to UFsT-based selection within a scoping system.

#### 6.3.3.2.1 Command Form

511 show <CIM\_DNSProtocolEndpoint multiple instances>

### 512 **6.3.3.2.2 CIM Requirements**

513 See CIM\_DNSProtocolEndpoint in the "CIM Elements" section of the <u>DNS Client Profile</u> for the list of mandatory properties.

## 515 **6.3.3.2.3 Behavior Requirements**

#### 516 **6.3.3.2.3.1 Preconditions**

- 517 \$containerInstance contains the instance of CIM\_ComputerSystem for which we are displaying
- 518 scoped CIM\_DNSProtocolEndpoint instances. The <u>DNS Client Profile</u> requires that the
- 519 CIM\_DNSProtocolEndpoint instance be associated with its scoping system via an instance of the
- 520 CIM HostedAccessPoint association.
- 521 #all is true if the "-all" option was specified with the command; otherwise, #all is false.

#### 522 **6.3.3.2.3.2** Pseudo Code

## 6.4 CIM\_ElementSettingData

The cd and help 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 instances of 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_ElementSettingD	ata
---	-----

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

Command Verb	Requirement	Comments
set	Not supported	
show	Shall	See 6.4.2.
start	Not supported	
stop	Not supported	

- No mappings are defined for the following verbs for the specified target: create, delete, dump, load, reset, set, start, and stop.
- 541 **6.4.1 Ordering of Results**
- When results are returned for multiple instances of CIM\_ElementSettingData, implementations shall
- 543 utilize the following algorithm to produce the natural (that is, default) ordering:
- Results for CIM ElementSettingData are unordered; therefore, no algorithm is defined.
- 545 **6.4.2** Show
- This section describes how to implement the show verb when applied to an instance of
- 547 CIM ElementSettingData. Implementations shall support the use of the show verb with
- 548 CIM ElementSettingData.
- 549 The show command is used to display information about the CIM\_ElementSettingData instance or
- 550 instances.
- 551 6.4.2.1 Show Multiple Instances CIM\_DNSProtocolEndpoint Reference
- This command form is for the show verb applied to multiple instances. This command form corresponds
- to a show command issued against CIM\_ElementSettingData where only one reference is specified and
- the reference is to an instance of CIM\_DNSProtocolEndpoint.
- 555 **6.4.2.1.1 Command Form**
- 556 show <CIM\_ElementSettingData multiple instances>
- 557 **6.4.2.1.2 CIM Requirements**
- 558 See CIM\_ElementSettingData in the "CIM Elements" section of the <u>DNS Client Profile</u> for the list of
- 559 mandatory properties.
- 560 6.4.2.1.3 Behavior Requirements
- 561 **6.4.2.1.3.1 Preconditions**
- 562 \$instance contains the instance of CIM\_DNSProtocolEndpoint which is referenced by
- 563 CIM\_ElementSettingData.
- #all is true if the "-all" option was specified with the command; otherwise, #all is false.

#### 6.4.2.1.3.2 Pseudo Code

```
#propertylist[] = NULL;

if (false == #all)

{
    #propertylist[] = { //all mandatory non-key properties };

}

&smShowAssociationInstances ( "CIM_ElementSettingData", $instance.getInstancePath(),

#propertylist[] );

&smEnd;
```

## 574 6.4.2.2 Show Multiple Instances – CIM\_ComputerSystem Reference

- This command form is for the show verb applied to multiple instances. This command form corresponds to a show command issued against CIM\_ElementSettingData where only one reference is specified and the reference is to an instance of CIM\_ComputerSystem.
- 578 **6.4.2.2.1 Command Form**
- 579 show <CIM\_ElementSettingData multiple instances>
- 580 **6.4.2.2.2 CIM Requirements**
- See CIM\_ElementSettingData in the "CIM Elements" section of the <u>DNS Client Profile</u> for the list of mandatory properties.
- 71 1
- 583 **6.4.2.2.3 Behavior Requirements**
- 584 **6.4.2.2.3.1 Preconditions**
- \$1 \$\instance contains the instance of CIM\_ComputerSystem which is referenced by
- 586 CIM\_ElementSettingData.
- 587 #all is true if the "-all" option was specified with the command; otherwise, #all is false.

#### 588 **6.4.2.2.3.2** Pseudo Code

```
#propertylist[] = NULL;

if (false == #all)

{
    #propertylist[] = { //all mandatory non-key properties };

}

&smShowAssociationInstances ( "CIM_ElementSettingData", $instance.getInstancePath(),
    #propertylist[] );

&smEnd;
```

#### 6.4.2.3 Show Multiple Instances – CIM DNSSettingData Reference

- This command form is for the show verb applied to multiple instances. This command form corresponds to a show command issued against CIM\_ElementSettingData where only one reference is specified and the reference is to an instance of CIM\_DNSSettingData.
- 601 **6.4.2.3.1 Command Form**

597

602 show <CIM\_ElementSettingData multiple instances>

## 603 **6.4.2.3.2 CIM Requirements**

- See CIM\_ElementSettingData in the "CIM Elements" section of the <u>DNS Client Profile</u> for the list of mandatory properties.
- 606 6.4.2.3.3 Behavior Requirements
- 607 **6.4.2.3.3.1 Preconditions**
- 608 \$instance contains the instance of CIM DNSSettingData which is referenced by
- 609 CIM\_ElementSettingData.
- 610 #all is true if the "-all" option was specified with the command; otherwise, #all is false.
- 611 **6.4.2.3.3.2** Pseudo Code

- 620 6.4.2.4 Show Multiple Instances CIM\_DNSGeneralSettingData Reference
- This command form is for the show verb applied to multiple instances. This command form corresponds
- to a show command issued against CIM\_ElementSettingData where only one reference is specified and
- the reference is to an instance of CIM\_DNSGeneralSettingData.
- 624 **6.4.2.4.1** Command Form
- 625 show <CIM ElementSettingData multiple instances>
- 626 **6.4.2.4.2 CIM Requirements**
- 627 See CIM\_ElementSettingData in the "CIM Elements" section of the DNS Client Profile for the list of
- 628 mandatory properties.
- 629 6.4.2.4.3 Behavior Requirements
- 630 **6.4.2.4.3.1** Preconditions
- 631 \$instance contains the instance of CIM\_DNSGeneralSettingData which is referenced by
- 632 CIM\_ElementSettingData.
- #all is true if the "-all" option was specified with the command; otherwise, #all is false.
- 634 **6.4.2.4.3.2** Pseudo Code

# 643 **6.4.2.5** Show a Single Instance – CIM\_DNSGeneralSettingData and CIM\_DNSProtocolEndpoint References

- This command form is for the show verb applied to a single instance. This command form corresponds to
- a show command issued against CIM\_ElementSettingData where both references are specified and
- therefore the desired instance is unambiguously identified.
- 648 **6.4.2.5.1 Command Form**
- 649 show <CIM\_ElementSettingData single instance>
- 650 **6.4.2.5.2 CIM Requirements**
- 651 See CIM ElementSettingData in the "CIM Elements" section of the DNS Client Profile for the list of
- 652 mandatory properties.
- 653 6.4.2.5.3 Behavior Requirements
- 654 **6.4.2.5.3.1 Preconditions**
- \$instanceA contains the instance of CIM\_DNSProtocolEndpoint which is referenced by
- 656 CIM\_ElementSettingData.
- 657 \$instanceB contains the instance of CIM\_DNSGeneralSettingData which is referenced by
- 658 CIM\_ElementSettingData.
- 659 #all is true if the "-all" option was specified with the command; otherwise, #all is false.
- 660 **6.4.2.5.3.2** Pseudo Code

# 6.4.2.6 Show a Single Instance – CIM\_DNSGeneralSettingData and CIM\_ComputerSystem References

- This command form is for the show verb applied to a single instance. This command form corresponds to
- a show command issued against CIM ElementSettingData where both references are specified and
- therefore the desired instance is unambiguously identified.
- 674 **6.4.2.6.1 Command Form**
- 675 show <CIM\_ElementSettingData single instance>
- 676 **6.4.2.6.2 CIM Requirements**
- 677 See CIM\_ElementSettingData in the "CIM Elements" section of the DNS Client Profile for the list of
- 678 mandatory properties.

669

## 679 6.4.2.6.3 Behavior Requirements

#### 680 **6.4.2.6.3.1 Preconditions**

- \$instanceA contains the instance of CIM\_ComputerSystem which is referenced by
- 682 CIM\_ElementSettingData.
- 683 \$instanceB contains the instance of CIM\_DNSGeneralSettingData which is referenced by
- 684 CIM\_ElementSettingData.
- 685 #all is true if the "-all" option was specified with the command; otherwise, #all is false.

#### 686 **6.4.2.6.3.2** Pseudo Code

# 695 **6.4.2.7** Show a Single Instance – CIM\_DNSSettingData and CIM\_DNSProtocolEndpoint Reference

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

#### 700 **6.4.2.7.1 Command Form**

701 show <CIM\_ElementSettingData single instance>

#### 702 **6.4.2.7.2 CIM** Requirements

- 703 See CIM\_ElementSettingData in the "CIM Elements" section of the <u>DNS Client Profile</u> for the list of
- 704 mandatory properties.

## 705 6.4.2.7.3 Behavior Requirements

- 706 **6.4.2.7.3.1 Preconditions**
- 707 \$instanceA contains the instance of CIM\_DNSProtocolEndpoint which is referenced by
- 708 CIM\_ElementSettingData.
- 709 \$instanceB contains the instance of CIM\_DNSSettingData which is referenced by
- 710 CIM\_ElementSettingData.
- 711 #all is true if the "-all" option was specified with the command; otherwise, #all is false.

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#### 6.4.2.7.3.2 Pseudo Code

```
#propertylist[] = NULL;

if (false == #all)

{
    #propertylist[] = { //all mandatory non-key properties };

}

&smShowAssociationInstance ( "CIM_ElementSettingData", $instanceA.getInstancePath(),

$instanceB.getInstancePath(), #propertylist[] );

&smEnd;
```

## 721 6.5 CIM\_SAPSAPDependency

722 The cd and help verbs shall be supported as described in <u>DSP0216</u>.

Table 5 lists each SM CLP verb, the required level of support for the verb in conjunction with instances of 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\_SAPSAPDependency

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 mappings are 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\_SAPSAPDependency, implementations shall utilize the following algorithm to produce the natural (that is, default) ordering:
- Results for CIM\_SAPSAPDependency are unordered; therefore, no algorithm is defined.

## 735 **6.5.2 Show**

- 736 This section describes how to implement the show verb when applied to an instance of
- 737 CIM\_SAPSAPDependency. Implementations shall support the use of the show verb with
- 738 CIM SAPSAPDependency.

- 739 The show command is used to display information about the CIM\_SAPSAPDependency instance or
- 740 instances.
- 741 6.5.2.1 Show a Single Instance CIM IPProtocolEndpoint Reference
- 742 This command form is for the show verb applied to a single instance. This command form corresponds to
- 743 a show command issued against CIM\_SAPSAPDependency where only one reference is specified and
- the reference is to an instance of CIM\_IPProtocolEndpoint.
- 745 **6.5.2.1.1 Command Form**
- 746 show <CIM\_SAPSAPDependency single instance>
- 747 **6.5.2.1.2 CIM** Requirements
- 748 See CIM\_SAPSAPDependency in the "CIM Elements" section of the <u>DNS Client Profile</u> for the list of
- 749 mandatory properties.
- 750 6.5.2.1.3 Behavior Requirements
- 751 **6.5.2.1.3.1 Preconditions**
- 752 \$instance contains the instance of CIM\_IPProtocolEndpoint which is referenced by
- 753 CIM\_SAPSAPDependency.
- 754 **6.5.2.1.3.2** Pseudo Code
- 755 &smShowAssociationInstances ( "CIM\_SAPSAPDependency", \$instance.getInstancePath() );
- 756 &smEnd;
- 757 6.5.2.2 Show a Single Instance CIM\_DNSProtocolEndpoint Reference
- 758 This command form is for the show verb applied to a single instance. This command form corresponds to
- 759 a show command issued against CIM\_SAPSAPDependency where the reference specified is to an
- 760 instance of CIM DNSProtocolEndpoint. An instance of CIM DNSProtocolEndpoint is referenced by
- exactly one instance of CIM SAPSAPDependency. Therefore, a single instance will be returned.
- 762 **6.5.2.2.1 Command Form**
- 763 show <CIM\_SAPSAPDependency single instance>
- 764 **6.5.2.2.2 CIM Requirements**
- 765 See CIM SAPSAPDependency in the "CIM Elements" section of the DNS Client Profile for the list of
- 766 mandatory properties.
- 767 6.5.2.2.3 Behavior Requirements
- 768 **6.5.2.2.3.1 Preconditions**
- 769 \$instance contains the instance of CIM\_DNSProtocolEndpoint which is referenced by
- 770 CIM\_SAPSAPDependency.
- 771 6.5.2.2.3.2 Pseudo Code
- 772 &smShowAssociationInstances ( "CIM\_SAPSAPDependency", \$instance.getInstancePath() );
- 773 &smEnd;

## 774 6.5.2.3 Show a Single Instance – Both References

- 775 This command form is for the show verb applied to a single instance. This command form corresponds to
- 776 a show command issued against CIM\_SAPSAPDependency where both references are specified and
- therefore the desired instance is unambiguously identified.

#### 778 **6.5.2.3.1 Command Form**

- 779 show <CIM\_SAPSAPDependency single instance>
- 780 **6.5.2.3.2 CIM Requirements**
- 781 See CIM SAPSAPDependency in the "CIM Elements" section of the DNS Client Profile for the list of
- 782 mandatory properties.
- 783 6.5.2.3.3 Behavior Requirements
- 784 **6.5.2.3.3.1 Preconditions**
- 785 \$instanceA contains the instance of CIM IPProtocolEndpoint which is referenced by
- 786 CIM\_SAPSAPDependency.
- 787 \$instanceB contains the instance of CIM\_DNSProtocolEndpoint which is referenced by
- 788 CIM\_SAPSAPDependency.
- 789 **6.5.2.3.3.2** Pseudo Code
- 790 &smShowAssociationInstance ( "CIM\_SAPSAPDependency", \$instanceA.getInstancePath(),
  791 \$instanceB.getInstancePath());
- 792 &smEnd;

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## 793 6.6 CIM HostedAccessPoint

- The cd and help verbs shall be supported as described in DSP0216.
- Table 6 lists each SM CLP verb, the required level of support for the verb in conjunction with instances of
- the target class, and, when appropriate, a cross-reference to the section detailing the mapping for the
- verb and target. Table 6 is for informational purposes only; in case of a conflict between Table 6 and
- 798 requirements detailed in the following sections, the text detailed in the following sections supersedes the
- 799 information in Table 6.

#### Table 6 – Command Verb Requirements for CIM\_HostedAccessPoint

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 6.6.2.
start	Not supported	
stop	Not supported	

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

## 803 6.6.1 Ordering of Results

- When results are returned for multiple instances of CIM\_HostedAccessPoint, implementations shall utilize
- the following algorithm to produce the natural (that is, default) ordering:
- Results for CIM HostedAccessPoint are unordered; therefore, no algorithm is defined.

#### 807 **6.6.2 Show**

- 808 This section describes how to implement the show verb when applied to an instance of
- 809 CIM HostedAccessPoint. Implementations shall support the use of the show verb with
- 810 CIM HostedAccessPoint.
- 811 The show command is used to display information about the CIM\_HostedAccessPoint instance or
- 812 instances.

## 813 6.6.2.1 Show Multiple Instances – CIM\_ComputerSystem

- This command form is for the show verb applied to multiple instances. This command form corresponds
- 815 to a show command issued against CIM\_HostedAccessPoint where only one reference is specified and
- the reference is to an instance of CIM ComputerSystem.

#### 817 **6.6.2.1.1 Command Form**

- 818 show <CIM\_HostedAccessPoint multiple instances>
- 819 **6.6.2.1.2 CIM Requirements**
- 820 See CIM HostedAccessPoint in the "CIM Elements" section of the DNS Client Profile for the list of
- 821 mandatory properties.
- 822 6.6.2.1.3 Behavior Requirements
- 823 **6.6.2.1.3.1** Preconditions
- 824 \$instance contains the instance of CIM ComputerSystem which is referenced by
- 825 CIM HostedAccessPoint.
- 826 **6.6.2.1.3.2** Pseudo Code
- &smShowAssociationInstances ( "CIM\_HostedAccessPoint", \$instance.getInstancePath() );
- 828 &smEnd;

#### 829 6.6.2.2 Show a Single Instance – CIM\_DNSProtocolEndpoint Reference

- 830 This command form is for the show verb applied to a single instance. This command form corresponds to
- 831 a show command issued against CIM HostedAccessPoint where the reference specified is to an
- instance of CIM\_DNSProtocolEndpoint. An instance of CIM\_DNSProtocolEndpoint is referenced by
- exactly one instance of CIM\_HostedAccessPoint. Therefore, a single instance will be returned.
- 834 **6.6.2.2.1 Command Form**
- 835 show <CIM\_HostedAccessPoint single instance>
- 836 **6.6.2.2.2 CIM Requirements**
- 837 See CIM\_HostedAccessPoint in the "CIM Elements" section of the <u>DNS Client Profile</u> for the list of
- mandatory properties.

- 839 6.6.2.2.3 Behavior Requirements
- 840 **6.6.2.2.3.1** Preconditions
- 841 \$instance contains the instance of CIM\_DNSProtocolEndpoint which is referenced by
- 842 CIM HostedAccessPoint.
- 843 **6.6.2.2.3.2** Pseudo Code
- &smShowAssociationInstances ( "CIM\_HostedAccessPoint", \$instance.getInstancePath() );
- 845 &smEnd;
- 846 6.6.2.3 Show a Single Instance CIM\_RemoteServiceAccessPoint Reference
- This command form is for the show verb applied to a single instance. This command form corresponds to
- 848 a show command issued against CIM\_HostedAccessPoint where the reference specified is to an
- 849 instance of CIM RemoteServiceAccessPoint. An instance of CIM RemoteServiceAccessPoint is
- 850 referenced by exactly one instance of CIM\_HostedAccessPoint. Therefore, a single instance will be
- 851 returned.
- 852 **6.6.2.3.1 Command Form**
- 853 show <CIM\_HostedAccessPoint single instance>
- 854 **6.6.2.3.2 CIM Requirements**
- 855 See CIM\_HostedAccessPoint in the "CIM Elements" section of the DNS Client Profile for the list of
- 856 mandatory properties.
- 857 6.6.2.3.3 Behavior Requirements
- 858 **6.6.2.3.3.1 Preconditions**
- 859 \$instance contains the instance of CIM RemoteServiceAccessPoint which is referenced by
- 860 CIM\_HostedAccessPoint.
- 861 **6.6.2.3.3.2** Pseudo Code
- &smShowAssociationInstances ( "CIM\_HostedAccessPoint", \$instance.getInstancePath() );
- 863 &smEnd;
- 864 6.6.2.4 Show a Single Instance Both References (CIM\_DNSProtocolEndpoint)
- This command form is for the show verb applied to a single instance. This command form corresponds to
- 866 a show command issued against CIM\_HostedAccessPoint where both references are specified and
- therefore the desired instance is unambiguously identified.
- 868 **6.6.2.4.1 Command Form**
- 869 show <CIM\_HostedAccessPoint single instance>
- 870 **6.6.2.4.2 CIM Requirements**
- 871 See CIM\_HostedAccessPoint in the "CIM Elements" section of the DNS Client Profile for the list of
- mandatory properties.

- 873 6.6.2.4.3 Behavior Requirements
- 874 **6.6.2.4.3.1** Preconditions
- 875 \$instanceA contains the instance of CIM\_ComputerSystem which is referenced by
- 876 CIM\_HostedAccessPoint.
- 877 \$instanceB contains the instance of CIM\_DNSProtocolEndpoint which is referenced by
- 878 CIM\_HostedAccessPoint.
- 879 **6.6.2.4.3.2** Pseudo Code
- 880 &smShowAssociationInstance ( "CIM\_HostedAccessPoint", \$instanceA.getInstancePath(),
  881 \$instanceB.getInstancePath() );
- 882 &smEnd;
- 883 6.6.2.5 Show a Single Instance Both References (CIM\_RemoteServiceAccessPoint)
- This command form is for the show verb applied to a single instance. This command form corresponds to
- a show command issued against CIM\_HostedAccessPoint where both references are specified and
- therefore the desired instance is unambiguously identified.
- 887 **6.6.2.5.1 Command Form**
- 888 show <CIM\_HostedAccessPoint single instance>
- 889 **6.6.2.5.2 CIM Requirements**
- 890 See CIM\_HostedAccessPoint in the "CIM Elements" section of the DNS Client Profile for the list of
- 891 mandatory properties.
- 892 6.6.2.5.3 Behavior Requirements
- 893 **6.6.2.5.3.1 Preconditions**
- 894 \$instanceA contains the instance of CIM\_ComputerSystem which is referenced by
- 895 CIM\_HostedAccessPoint.
- 896 \$instanceB contains the instance of CIM\_RemoteServiceAccessPoint which is referenced by
- 897 CIM\_HostedAccessPoint.
- 898 **6.6.2.5.3.2** Pseudo Code
- &smShowAssociationInstance ( "CIM\_HostedAccessPoint", \$instanceA.getInstancePath(), \$instanceB.getInstancePath());
- 901 &smEnd;

## 6.7 CIM\_RemoteAccessAvailableToElement

- The cd and help verbs shall be supported as described in <a href="DSP0216">DSP0216</a>.
- Table 7 lists each SM CLP verb, the required level of support for the verb in conjunction with instances of
- 905 the target class, and, when appropriate, a cross-reference to the section detailing the mapping for the
- 906 verb and target. Table 7 is for informational purposes only; in case of a conflict between Table 7 and
- 907 requirements detailed in the following sections, the text detailed in the following sections supersedes the
- 908 information in Table 7.

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## Table 7 – Command Verb Requirements for CIM\_RemoteAccessAvailableToElement

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 6.7.2.
start	Not supported	
stop	Not supported	

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

## 6.7.1 Ordering of Results

- 913 When results are returned for multiple instances of CIM\_RemoteAccessAvailableToElement,
- 914 implementations shall utilize the following algorithm to produce the natural (that is, default) ordering:
- Results for CIM\_RemoteAccessAvailableToElement are unordered; therefore, no algorithm is defined.

### 917 **6.7.2 Show**

- 918 This section describes how to implement the show verb when applied to an instance of
- 919 CIM\_RemoteAccessAvailableToElement. Implementations shall support the use of the show verb with
- 920 CIM\_RemoteAccessAvailableToElement.
- 921 The show command is used to display information about the CIM\_RemoteAccessAvailableToElement
- 922 instance or instances.

## 923 6.7.2.1 Show Multiple Instances – CIM\_RemoteServiceAccessPoint Reference

- 924 This command form is for the show verb applied to multiple instances. This command form corresponds
- 925 to a show command issued against CIM\_RemoteAccessAvailableToElement where only one reference is
- specified and the reference is to an instance of CIM\_RemoteServiceAccessPoint.

#### 927 **6.7.2.1.1 Command Form**

## 928 show <CIM\_RemoteAccessAvailableToElement multiple instances>

## 929 **6.7.2.1.2 CIM Requirements**

- 930 See CIM\_RemoteAccessAvailableToElement in the "CIM Elements" section of the <u>DNS Client Profile</u> for
- 931 the list of mandatory properties.

- 932 6.7.2.1.3 Behavior Requirements
- 933 **6.7.2.1.3.1** Preconditions
- 934 \$instance contains the instance of CIM\_RemoteServiceAccessPoint which is referenced by
- 935 CIM RemoteAccessAvailableToElement.
- 936 6.7.2.1.3.2 Pseudo Code
- 940 6.7.2.2 Show Multiple Instances CIM\_DNSProtocolEndpoint Reference
- This command form is for the show verb applied to multiple instances. This command form corresponds
- 942 to a show command issued against CIM RemoteAccessAvailableToElement where the reference
- 943 specified is to an instance of CIM DNSProtocolEndpoint. The DNS Client Profile allows the
- 944 implementation to model the DNS servers discovered by the client in addition to the DNS Service that
- 945 actually provides the configuration. Therefore, it is possible for there to be multiple
- 946 CIM\_RemoteAccessAvailableToElement associations that reference the CIM\_DNSProtocolEndpoint
- 947 instance.
- 948 **6.7.2.2.1** Command Form
- 949 show <CIM\_RemoteAccessAvailableToElement single instance>
- 950 **6.7.2.2.2 CIM Requirements**
- 951 See CIM\_RemoteAccessAvailableToElement in the "CIM Elements" section of the DNS Client Profile for
- 952 the list of mandatory properties.
- 953 6.7.2.2.3 Behavior Requirements
- 954 **6.7.2.2.3.1 Preconditions**
- 955 \$instance contains the instance of CIM DNSProtocolEndpoint which is referenced by
- 956 CIM RemoteAccessAvailableToElement.
- 957 **6.7.2.2.3.2** Pseudo Code
- \$\psi\_{\text{smShowAssociationInstances}} ( "CIM\_RemoteAccessAvailableToElement",
  \$\psi\_{\text{sinstance.getInstancePath()}};
  \$\psi\_{\text{smEnd;}}
  \$\text{smEnd;}\$
- 961 6.7.2.3 Show a Single Instance Both References
- This command form is for the show verb applied to a single instance. This command form corresponds to
- 963 a show command issued against CIM\_RemoteAccessAvailableToElement where both references are
- 964 specified and therefore the desired instance is unambiguously identified.
- 965 **6.7.2.3.1 Command Form**
- 966 show <CIM\_RemoteAccessAvailableToElement single instance>
- 967 **6.7.2.3.2 CIM Requirements**
- 968 See CIM\_RemoteAccessAvailableToElement in the "CIM Elements" section of the DNS Client Profile for
- 969 the list of mandatory properties.

## 970 6.7.2.3.3 Behavior Requirements

### 971 **6.7.2.3.3.1 Preconditions**

- 972 \$instanceA contains the instance of CIM\_RemoteServiceAccessPoint which is referenced by
- 973 CIM RemoteAccessAvailableToElement.
- 974 \$instanceB contains the instance of CIM\_DNSProtocolEndpoint which is referenced by
- 975 CIM\_RemoteAccessAvailableToElement.

#### 976 **6.7.2.3.3.2** Pseudo Code

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## 6.8 CIM RemoteServiceAccessPoint

The cd and help verbs shall be supported as described in <a href="DSP0216">DSP0216</a>.

Table 8 lists each SM CLP verb, the required level of support for the verb in conjunction with instances of the target class, and, when appropriate, a cross-reference to the section detailing the mapping for the verb and target. Table 8 is for informational purposes only; in case of a conflict between Table 8 and requirements detailed in the following sections, the text detailed in the following sections supersedes the information in Table 8.

Table 8 – Command Verb Requirements for CIM\_RemoteServiceAccessPoint

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 6.8.2.
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.

### 990 6.8.1 Ordering of Results

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

Results for CIM\_RemoteServiceAccessPoint are unordered; therefore, no algorithm is defined.

- 994 **6.8.2** Show
- This section describes how to implement the show verb when applied to an instance of
- 996 CIM\_RemoteServiceAccessPoint. Implementations shall support the use of the show verb with
- 997 CIM RemoteServiceAccessPoint.
- 998 The show verb is used to display information about the gateway.
- 999 6.8.2.1 Show a Single Instance
- 1000 This command form is for the show verb applied to a single instance of CIM\_RemoteServiceAccessPoint.
- 1001 **6.8.2.1.1 Command Form**
- 1002 show <CIM\_RemoteServiceAccessPoint single instance>
- 1003 **6.8.2.1.2 CIM Requirements**
- 1004 See CIM\_RemoteServiceAccessPoint in the "CIM Elements" section of the <u>DNS Client Profile</u> for the list
- of mandatory properties.
- 1006 6.8.2.1.3 Behavior Requirements
- 1007 6.8.2.1.3.1 Preconditions
- 1008 #all is true if the "-all" option was specified with the command; otherwise, #all is false.
- 1009 6.8.2.1.3.2 Pseudo Code

- 1018 6.8.2.2 Show Multiple Instances
- 1019 This command form is for the show verb applied to multiple instances of
- 1020 CIM\_RemoteServiceAccessPoint. This command form corresponds to UFsT-based selection within a
- 1021 scoping system.
- 1022 **6.8.2.2.1 Command Form**
- 1023 show <CIM\_RemoteServiceAccessPoint multiple instances>
- 1024 **6.8.2.2.2 CIM Requirements**
- 1025 See CIM\_RemoteServiceAccessPoint in the "CIM Elements" section of the <u>DNS Client Profile</u> for the list
- 1026 of mandatory properties.

## 1027 6.8.2.2.3 Behavior Requirements

## 1028 **6.8.2.2.3.1 Preconditions**

- 1029 \$containerInstance contains the instance of CIM\_ComputerSystem for which scoped
- 1030 CIM\_RemoteServiceAccessPoint instances are displayed. The <u>DNS Client Profile</u> requires that the
- 1031 CIM\_RemoteServiceAccessPoint instance be associated with its scoping system via an instance of the
- 1032 CIM HostedAccessPoint association.
- 1033 #all is true if the "-all" option was specified with the command; otherwise, #all is false.

## 1034 **6.8.2.2.3.2** Pseudo Code

1044 1045	ANNEX A (informative)
1046	
1047	
1048	Change Log

Version	Date	Author	Description
1.0.0	2009-07-14		DMTF Standard Release