



CHAPTER 4

Archive Commands

Table 4-1 provides a summary of the archive commands. Each command is described in detail in the section that is listed.

Table 4-1 **Archive Command Summary**

| Name and Reference | Description |
|-----------------------------------------------------------|------------------------------------------------------------------------------------|
| Start Archive, page 4-2 | Starts an archive process on a media server that records data from a source proxy. |
| Update Archive, page 4-5 | Updates an existing archive with different parameter values. |
| Rename Archive, page 4-8 | Renames an archive that is not currently running. |
| Stop Archive, page 4-10 | Stops a running archive. |
| Remove Archive, page 4-11 | Removes an archive from the repository. |
| List All Archives, page 4-12 | Displays information about all archives on a VSMS host. |
| List All Running Archives, page 4-13 | Displays information for all running archives. |
| Get Archive MediaType, page 4-14 | Retrieves the media type value for an archive. |
| Get Archive Details, page 4-15 | Gets archive details. |
| Get Archive Monitoring Detail, page 4-20 | Retrieves detailed archive performance information. |
| Get Archive Monitoring Summary, page 4-21 | Retrieves summary archive performance information. |
| Create Archive Clip, page 4-22 | Creates a clip from an archive. |

Start Archive

```
http://host/command.bwt?command=start&type=archive&name=archiveName
&source=proxyName&duration=seconds&framerate=rateNum&loop=loopVal
&desc=description&repos=location&daystolive=liveNum&killproxy=killVal
&force=forceVal
```

Purpose

Starts an archive process on a media server that records data from a source proxy.

Required Fields

| | |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>host</i> | IP address or hostname (<i>hostname.domain</i>) where VSMS is running. By default, VSMS runs on port 80 (HTTP), however, you can use an alternate port, such as port 8080. For example, to specify port 8080, use <i>host:8080</i> . |
| command=start | Start command. The start keyword associates the command with a start action, in this case a start proxy action. The start keyword is a reserved value. |
| type=archive | Archive type. The archive keyword specifies the archive command type. The archive keyword is a reserved value. |
| name=archiveName | Archive name where <i>archiveName</i> specifies the name of the archive instance. The valid value for the <i>archiveName</i> value is an alphanumeric string containing 1 to 256 of the following characters: <ul style="list-style-type: none"> • Digits (0 to 9) • Upper case letters (A to Z) • Lower case letters (a to z) • Underscore (_) • Hyphen (-) The reserved <i>archiveName</i> value is -1. Note Each archive must have a unique name on a given VSMS host. |
| source=proxyName | The name of the source proxy being archived on the VSMS host. The valid value for <i>proxyName</i> is an alphanumeric string containing 1 to 256 of the following characters: <ul style="list-style-type: none"> • Digits (0 to 9) • Upper case letters (A to Z) • Lower case letters (a to z) • Underscore (_) • Hyphen (-) The reserved <i>proxyName</i> value is -1. |

| | | |
|------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Optional Fields | duration=seconds | <p>The total archive time where <i>seconds</i> specifies the total recording time (in seconds) for the archive. Valid <i>seconds</i> values are integers. The default value is 3600.</p> <p>Note For loop archives, the minimum supported duration is 3600 seconds.</p> |
| | desc=description | <p>Archive description where <i>description</i> specifies a brief description of the archive. The valid value for the <i>description</i> value is an alphanumeric string containing 1 to 256 of the following characters:</p> <ul style="list-style-type: none"> • Digits (0 to 9) • Upper case letters (A to Z) • Lower case letters (a to z) • Underscore (_) • Hyphen (-) • Space character <p>The reserved <i>description</i> value is -1.</p> <p>Note If you do not specify a description, the source proxy name is used as the description.</p> |
| | framerate=rateNum | <p>Frame rate where <i>rateNum</i> specifies the maximum number of frames per second requested from the source proxy. Valid values for the <i>rateNum</i> value are 0.001 to 30.</p> <p>Note The archive frame rate cannot be higher than the source proxy frame rate.</p> |
| | loop=loopVal | <p>Specifies whether to record a loop or a regular archive. The <i>loopVal</i> value is one of the following boolean values:</p> <ul style="list-style-type: none"> • 0—Regular archive. The archive stops when it reaches the end of its duration. • 1—Loop archive. The archive continuously records, overwriting the beginning of the archive when it reaches the end of its duration. <p>The default value is 0.</p> |
| | repos=location | DO NOT USE. This parameter is ignored. |
| | daystolive=liveNum | <p>Days to live where <i>liveNum</i> specifies the number of days (starting from the day the archive stops) that the archive is stored before being removed from the system. Valid <i>liveNum</i> values are integers. The default value is 0, which permanently stores the archive in the repository.</p> |

| | |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| killproxy=killVal | <p>Specifies whether to pause the archive. The <i>killVal</i> value is one of the following boolean values:</p> <ul style="list-style-type: none"> • 0—Immediately pauses the archive. • 1—Pauses the archive after the archiver process completes. <p>The default value is 0.</p> |
| force=forceVal | <p>Specifies whether to ignore the storage space check and start the archive. The <i>forceVal</i> value is one of the following boolean values:</p> <ul style="list-style-type: none"> • 0—The system checks whether there is enough space to store the archive. If there is insufficient storage space, the archiver process does not start. • 1—Ignores the storage space check and starts the archive. If there is insufficient storage space for the archive, VSM grooms the oldest data to make room for the new archive. <p>The default value is 0.</p> |

Return Values

A standard HTTP/1.x header followed by:

```
Content-Type: text/plain
Return Code: <[archive name] or -1 output>
[archive name] Successful completion of the URL command
-1 Error in execution of the URL command
```

Examples

Starting a Non-Loop Archive

The following example starts an archive named officeCam that stops recording after 60 minutes:

```
http://vsms.cisco.com/command.bwt?command=start&type=archive&name=officeCamFor60Min
&source=officeCam&duration=3600&force=1
```

Starting a 24-Hour Loop Archive

The following example starts an archive named officeCam that records in a continuous 24 hour loop:

```
http://vsms.cisco.com/command.bwt?command=start&type=archive
&name=officeCamFor24Hr&source=officeCam&duration=86400&loop=1
```

Starting a 2-Hour Archive

The following example starts a 2-hour archive that pauses when complete:

```
http://vsms.cisco.com/command.bwt?command=start&type=archive
&name=audio_arch&source=audiocast&duration=7200&killproxy=1
```

Update Archive

Updates an existing archive with different parameter values.

The following APIs are available for updating existing archives:

- [Update JPEG Archive Frame Rate, page 4-6](#)
- [Update Archive Expiration Time, page 4-7](#)

Update JPEG Archive Frame Rate

`http://host/command.bwt?command=update&type=archive&name=archiveName
&framerate=rateNum`

Purpose

Updates the frame rate of a JPEG archive.

Required Fields

| | |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>host</i> | IP address or hostname (<i>hostname.domain</i>) where VSMS is running. By default, VSMS runs on port 80 (HTTP), however, you can use an alternate port, such as port 8080. For example, to specify port 8080, use <i>host:8080</i> . |
| command=update | Update command. The update keyword associates the command with an update action (an update archive action in this case). The update keyword is a reserved value. |
| type=archive | Archive type. The archive keyword specifies the archive command type. The archive keyword is a reserved value. |
| name=archiveName | Archive name where <i>archiveName</i> specifies the name of the archive instance. The valid value for the <i>archiveName</i> value is an alphanumeric string containing 1 to 256 of the following characters: <ul style="list-style-type: none"> • Digits (0 to 9) • Upper case letters (A to Z) • Lower case letters (a to z) • Underscore (_) • Hyphen (-) The reserved <i>archiveName</i> value is -1. Note Each archive must have a unique name on a given VSMS host. |
| framerate=rateNum | Frame rate where <i>rateNum</i> specifies the maximum number of JPEG frames per second requested from the source proxy. Valid values for the <i>rateNum</i> value are 0.001 to 30. Note The archive frame rate cannot be higher than the source proxy frame rate. |

Return Values

A standard HTTP/1.x header followed by:

```
Content-Type: text/plain
Return Code: <[archive name] or -1 or output>
[archive name] Successful completion of the URL command
-1 Error in execution of the URL command
```

Examples

The following example updates the frame rate of a JPEG archive named Archive30 to a value of 15:

```
http://vsms.cisco.com/command.bwt?command=update& type=archive&name=Archive30
&framerate=15
```

Update Archive Expiration Time



Caution

Use this API with caution.

**`http://host/command.bwt?command=update&type=archive&name=archiveName
&daystolive=liveNum`**

Purpose

Updates an existing archive with the number of days (starting from the day the archive stops) that the archive is stored before being removed from the system.

Required Fields

| | |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| host | IP address or hostname (<i>hostname.domain</i>) where VSMS is running. By default, VSMS runs on port 80 (HTTP), however, you can use an alternate port, such as port 8080. For example, to specify port 8080, use host:8080 . |
| command=update | Update command. The update keyword associates the command with an update action (an update archive action in this case). The update keyword is a reserved value. |
| type=archive | Archive type. The archive keyword specifies the archive command type. The archive keyword is a reserved value. |
| name=archiveName | Archive name where <i>archiveName</i> specifies the name of the archive instance. The valid value for the <i>archiveName</i> value is an alphanumeric string containing 1 to 256 of the following characters: <ul style="list-style-type: none"> • Digits (0 to 9) • Upper case letters (A to Z) • Lower case letters (a to z) • Underscore (_) • Hyphen (-) The reserved <i>archiveName</i> value is -1. Note Each archive must have a unique name on a given VSMS host. |
| daystolive=liveNum | Days to live where <i>liveNum</i> specifies the number of days (starting from the day the archive stops) that the archive is stored before being removed from the system. Valid <i>liveNum</i> values are integers. The default value is 0, which permanently stores the archive in the repository. |

Return Values

A standard HTTP/1.x header followed by:

Content-Type: text/plain
Return Code: <[archive name] or -1 or output>
[archive name] Successful completion of the URL command
-1 Error in execution of the URL command

Examples

The following example updates the archive named Archive30 to expire after 10 days:

`http://vsms.cisco.com/command.bwt?command=update&type=archive&name=Archive30
&daystolive=10`

Rename Archive

**http://host/rename_archive.bwt?command=rename&oldname=archiveName
&newname=archiveName**

Purpose

Renames an archive that is not currently running.

Required Fields

| | |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>host</i> | IP address or hostname (<i>hostname.domain</i>) where VSMS is running. By default, VSMS runs on port 80 (HTTP), however, you can use an alternate port, such as port 8080. For example, to specify port 8080, use <i>host:8080</i> . |
| command=rename | Rename command. The rename keyword associates the command with a rename action, in this case a rename archive action. The rename keyword is a reserved value. |
| oldname=archiveName | Old archive name where <i>archiveName</i> specifies the name of the archive instance. The valid value for the <i>archiveName</i> value is an alphanumeric string containing 1 to 256 of the following characters: <ul style="list-style-type: none"> • Digits (0 to 9) • Upper case letters (A to Z) • Lower case letters (a to z) • Underscore (_) • Hyphen (-) The reserved <i>archiveName</i> value is -1. Note Each archive must have a unique name on a given VSMS host. |
| newname=archiveName | New archive name where <i>archiveName</i> specifies the name of the archive instance. The valid value for the <i>archiveName</i> value is an alphanumeric string containing 1 to 256 of the following characters: <ul style="list-style-type: none"> • Digits (0 to 9) • Upper case letters (A to Z) • Lower case letters (a to z) • Underscore (_) • Hyphen (-) The reserved <i>archiveName</i> value is -1. Note Each archive must have a unique name on a given VSMS host. |

Return Values

A standard HTTP/1.x header followed by:

Content-Type: text/plain
Return Code: <1 OK or -1 or output>
1 OK Successful completion of the URL command
-1 Error in execution of the URL command

Examples

The following command renames an archive from ABC to BCD.

```
http://vsms.cisco.com/command.bwt?command=rename&oldname=ABC&newname=BCD
```

Stop Archive

`http://host/command.bwt?command=stop&type=archive&name=archiveName`

Purpose Stops a running archive.

| | | |
|------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Required Fields | <i>host</i> | IP address or hostname (<i>hostname.domain</i>) where VSMS is running. By default, VSMS runs on port 80 (HTTP), however, you can use an alternate port, such as port 8080. For example, to specify port 8080, use <i>host:8080</i> . |
| | command=stop | Stop command. The stop keyword associates the command with a stop action. The stop keyword is a reserved value. |
| | type=archive | Archive type. The archive keyword specifies the archive command type. The archive keyword is a reserved value. |
| | name=archiveName | Archive name where <i>archiveName</i> specifies the name of the archive instance. The valid value for the <i>archiveName</i> value is an alphanumeric string containing 1 to 256 of the following characters: <ul style="list-style-type: none"> • Digits (0 to 9) • Upper case letters (A to Z) • Lower case letters (a to z) • Underscore (_) • Hyphen (-) The reserved <i>archiveName</i> value is -1. Note Each archive must have a unique name on a given VSMS host. |

Return Values A standard HTTP/1.x header followed by:

```
Content-Type: text/plain
Return Code: <[archive name] or -1 or output>
[archive name] Successful completion of the URL command
-1 Error in execution of the URL command
```

Examples The following command stops an archive with server name ABC.

```
http://vsms.cisco.com/command.bwt?command=stop&type=archive&name=ABC
```

Remove Archive

`http://host/cgi-bin/smanager.bwt?command=remove&name=archiveName`

Purpose

Removes a stopped archive from the repository.

Required Fields

| | |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>host</i> | IP address or hostname (<i>hostname.domain</i>) where VSMS is running. By default, VSMS runs on port 80 (HTTP), however, you can use an alternate port, such as port 8080. For example, to specify port 8080, use <i>host:8080</i> . |
| command=remove | Remove command. The remove keyword associates the command with a remove action. The remove keyword is a reserved value. |
| type=archive | Archive type. The archive keyword specifies the archive command type. The archive keyword is a reserved value. |
| name=archiveName | Archive name where <i>archiveName</i> specifies the name of the archive instance. The valid value for the <i>archiveName</i> value is an alphanumeric string containing 1 to 256 of the following characters: <ul style="list-style-type: none"> • Digits (0 to 9) • Upper case letters (A to Z) • Lower case letters (a to z) • Underscore (_) • Hyphen (-) The reserved <i>archiveName</i> value is -1. <p>Note Each archive must have a unique name on a given VSMS host.</p> |

Return Values

A standard HTTP/1.x header followed by:

Content-Type: text/plain
Return Code: <0 [archive name] or -1>
0 [archive name] Successful completion of the URL command
-1 Error in execution of the URL command

Examples

The following command removes archive ABC.

`http://vsms.cisco.com/cgi-bin/smanager.bwt?command=remove&name=ABC`

List All Archives

`http://host/info.bwt?type=archive&display=dispFormat`

Purpose

Displays information about all archives on a VSMS host.

Required Fields

| | |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>host</i> | IP address or hostname (<i>hostname.domain</i>) where VSMS is running. By default, VSMS runs on port 80 (HTTP), however, you can use an alternate port, such as port 8080. For example, to specify port 8080, use <i>host:8080</i> . |
| type=archive | Archive type. The archive keyword specifies the archive command type. The archive keyword is a reserved value. |

Optional Fields

| | |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| display=dispFormat | Type of display output where <i>dispFormat</i> specifies the format to use when displaying the list of running proxies. Valid <i>dispFormat</i> values include the following reserved keywords: <ul style="list-style-type: none"> • html—Hypertext markup language format • text—Plain text format • ssv—Space-separated value format The default <i>dispFormat</i> value is html . |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Return Values

A standard HTTP/1.x header followed by:

```
Content-Type: text/plain
Return Code: <[archive list] or -1>
[archive list] Successful completion of the URL command
-1 Error in execution of the URL command
```

Examples

The following command lists all the archives in SSV format.

```
http://vsms.cisco.com/info.bwt?type=archive&display=ssv
```

List All Running Archives

`http://host/info.bwt?type=archiver&display=dispFormat`

Purpose Displays information for all running archives.

| | | |
|------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Required Fields | <i>host</i> | IP address or hostname (<i>hostname.domain</i>) where VSMS is running. By default, VSMS runs on port 80 (HTTP), however, you can use an alternate port, such as port 8080. For example, to specify port 8080, use <i>host:8080</i> . |
| | type=archiver | Archive type. The archiver keyword specifies the archive command type. The archiver keyword is a reserved value. |

| | | |
|------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Optional Fields | display=dispFormat | Type of display output where <i>dispFormat</i> specifies the format to use when displaying the list of running proxies. Valid <i>dispFormat</i> values include the following reserved keywords: <ul style="list-style-type: none"> html—Hypertext markup language format text—Plain text format ssv—Space-separated value format The default <i>dispFormat</i> value is html . |
|------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Return Values A standard HTTP/1.x header followed by:

```
Content-Type: text/plain
Return Code: <[running archive list] or -1>
[running archive list] Successful completion of the URL command
-1 Error in execution of the URL command
```

Examples The following command lists all the running archives in SSV format.

```
http://vsms.cisco.com/info.bwt?type=archiver&display=ssv
```

Get Archive MediaType

http://host/info.bwt?type=archive&name=archiveName&property=mediatype

Purpose Retrieves the media type value for an archive.

| | | |
|------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Required Fields | <i>host</i> | IP address or hostname (<i>hostname.domain</i>) where VSMS is running. By default, VSMS runs on port 80 (HTTP), however, you can use an alternate port, such as port 8080. For example, to specify port 8080, use <i>host:8080</i> . |
| | type=archive | Archive type. The archive keyword specifies the archive command type. The archive keyword is a reserved value. |
| | name=archiveName | Archive name where <i>archiveName</i> specifies the name of the archive instance. The valid value for the <i>archiveName</i> value is an alphanumeric string containing 1 to 256 of the following characters: <ul style="list-style-type: none"> • Digits (0 to 9) • Upper case letters (A to Z) • Lower case letters (a to z) • Underscore (_) • Hyphen (-) The reserved <i>archiveName</i> value is -1. <p>Note Each archive must have a unique name on a given VSMS host.</p> |
| | property=mediatype | Media type. The mediatype keyword requests the media type value for the specified archive, which is a JPEG, MPEG, or audio value. The mediatype keyword is a reserved value. |
| | | |

Return Values A standard HTTP/1.x header followed by:

```
Content-Type: text/plain
Return Code: <[jpeg | mpeg2-v | mpeg4-v | h264-v | audio] or -1 or output>
[jpeg | mpeg2-v | mpeg4-v | h264-v | audio] Successful completion of the URL command
-1 Error in execution of the URL command
```

Examples The following example retrieves the media type value for the archive named testArchive:
 http://vsms.cisco.com/info.bwt?type=archive&name=testArchive&property=mediatype

Get Archive Details

Gets archive details.

The following APIs are available for retrieving detailed archive recording information:

- [Get Archive Recording Details, page 4-16](#)
- [Archive Details, page 4-18](#)

Get Archive Recording Details

**http://host/info.bwt?type=archive&property=mmconf_properties&display=dispFormat
&name=archiveName**

Purpose

Displays recording details for an archive.



Caution

This command is CPU intensive and should not be run frequently.

Required Fields

| | |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>host</i> | IP address or hostname (<i>hostname.domain</i>) where VSMS is running. By default, VSMS runs on port 80 (HTTP), however, you can use an alternate port, such as port 8080. For example, to specify port 8080, use <i>host:8080</i> . |
| type=archive | Archive type. The archive keyword specifies the archive command type. The archive keyword is a reserved value. |
| name=archiveName | Archive name where <i>archiveName</i> specifies the name of the archive instance. The valid value for the <i>archiveName</i> value is an alphanumeric string containing 1 to 256 of the following characters: <ul style="list-style-type: none"> • Digits (0 to 9) • Upper case letters (A to Z) • Lower case letters (a to z) • Underscore (_) • Hyphen (-) The reserved <i>archiveName</i> value is -1. Note Each archive must have a unique name on a given VSMS host. |
| property=mmconf_properties | Recording information. The mmconf_properties keyword requests the XML-formatted recording details for the specified archive. The mmconf_properties keyword is a reserved value. |

Optional Fields

| | |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| display=dispFormat | Type of display output where <i>dispFormat</i> specifies the format to use when displaying the list of running proxies. Valid <i>dispFormat</i> values include the following reserved keywords: <ul style="list-style-type: none"> • html—Hypertext markup language format • text—Plain text format • ssv—Space-separated value format The default <i>dispFormat</i> value is html . |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Return Values

Detailed recording information about the archive.

Examples

The following command displays the detailed recording information for the archive named ABC.

```
http://vms.cisco.com/info.bwt?type=archive&name=ABC&property=mmconf_properties
```

Archive Details

**`http://host/info.bwt?type=archive&property=archive_details&display=dispFormat
&name=archiveName`**

Purpose

Displays details for an archive, excluding information about the first and last frame time.

Required Fields

| | |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <code>host</code> | IP address or hostname (<i>hostname.domain</i>) where VSMS is running. By default, VSMS runs on port 80 (HTTP), however, you can use an alternate port, such as port 8080. For example, to specify port 8080, use <code>host:8080</code> . |
| <code>type=archive</code> | Archive type. The <code>archive</code> keyword specifies the archive command type. The <code>archive</code> keyword is a reserved value. |
| <code>name=archiveName</code> | Archive name where <i>archiveName</i> specifies the name of the archive instance. The valid value for the <i>archiveName</i> value is an alphanumeric string containing 1 to 256 of the following characters: <ul style="list-style-type: none"> • Digits (0 to 9) • Upper case letters (A to Z) • Lower case letters (a to z) • Underscore (_) • Hyphen (-) The reserved <i>archiveName</i> value is -1. Note Each archive must have a unique name on a given VSMS host. |
| <code>property=archive_details</code> | Recording information. The <code>archive_details</code> keyword requests the XML-formatted recording details for the specified archive, excluding information about the first and last frame time. The <code>archive_details</code> keyword is a reserved value. |

Optional Fields

| | |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <code>display=dispFormat</code> | Type of display output where <i>dispFormat</i> specifies the format to use when displaying the list of running proxies. Valid <i>dispFormat</i> values include the following reserved keywords: <ul style="list-style-type: none"> • <code>html</code>—Hypertext markup language format • <code>text</code>—Plain text format • <code>ssv</code>—Space-separated value format The default <i>dispFormat</i> value is <code>html</code> . |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Return Values

Detailed recording information about the archive, excluding information about the first and last frame time.

Examples

The following command displays the detailed recording information for the archive named ABC.

```
http://vms.cisco.com/info.bwt?type=archive&name=ABC&property=archive_details
```

Get Archive Monitoring Detail

```
http://host/info.bwt?type=archive&name=archiveName&property=armon_detail
```

Purpose Retrieves detailed archive performance information.


Caution

This command is CPU intensive and should not be run frequently.

| | | |
|------------------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Required Fields | <i>host</i> | IP address or hostname (<i>hostname.domain</i>) where VSMS is running. By default, VSMS runs on port 80 (HTTP), however, you can use an alternate port, such as port 8080. For example, to specify port 8080, use <i>host:8080</i> . |
| | type=archive | Archive type. The archive keyword specifies the archive command type. The archive keyword is a reserved value. |
| | name=archiveName | Archive name where <i>archiveName</i> specifies the name of the archive instance. The valid value for the <i>archiveName</i> value is an alphanumeric string containing 1 to 256 of the following characters: <ul style="list-style-type: none">• Digits (0 to 9)• Upper case letters (A to Z)• Lower case letters (a to z)• Underscore (_)• Hyphen (-) The reserved <i>archiveName</i> value is -1. Note Each archive must have a unique name on a given VSMS host. |
| | property=armon_detail | Archive monitoring summary property. The armon_detail keyword requests XML information that shows detailed performance information for an archive. The armon_detail keyword is a reserved value. |

Return Values XML information that shows detailed performance information about the archive.

Examples The following example retrieves the XML information that shows detailed recording information for the archive ABC.

```
http://vsms.cisco.com/info.bwt?type=archive&name=ABC&property=armon_detail
```

Get Archive Monitoring Summary

`http://host/info.bwt?type=archive&name=archiveName&property=armon_summary`

Purpose

Retrieves summary archive performance information.



Caution

This command is CPU intensive and should not be run frequently.

Required Fields

| | |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>host</i> | IP address or hostname (<i>hostname.domain</i>) where VSMS is running. By default, VSMS runs on port 80 (HTTP), however, you can use an alternate port, such as port 8080. For example, to specify port 8080, use <i>host:8080</i> . |
| <code>type=archive</code> | Archive type. The archive keyword specifies the archive command type. The archive keyword is a reserved value. |
| <code>name=archiveName</code> | Archive name where <i>archiveName</i> specifies the name of the archive instance. The valid value for the <i>archiveName</i> value is an alphanumeric string containing 1 to 256 of the following characters: <ul style="list-style-type: none"> • Digits (0 to 9) • Upper case letters (A to Z) • Lower case letters (a to z) • Underscore (_) • Hyphen (-) The reserved <i>archiveName</i> value is -1. Note Each archive must have a unique name on a given VSMS host. |
| <code>property=armon_summary</code> | Archive monitoring summary property. The armon_summary keyword requests XML information that shows the recording rate of the archive in MB per second. The armon_summary keyword is a reserved value. |

Return Values

XML information that shows recording rate of the archive in MB per second

Examples

The following example retrieves the XML information that shows detailed recording information for the archive ABC.

`http://vsms.cisco.com/info.bwt?type=archive&name=ABC&property=armon_summary`

Create Archive Clip

```
http://host/cgi-bin/smanager.bwt?command=save&source=archiveName&startutc=utcDate
&stoputc=utcDate&name=target_id&savemode=local&desc=description
&saveformat=clipType&daystolive=liveNum&notifyurl=notifyUrl
```

Purpose

Creates a clip from an archive.

Required Fields

| | |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>host</i> | IP address or hostname (<i>hostname.domain</i>) where VSMS is running. By default, VSMS runs on port 80 (HTTP), however, you can use an alternate port, such as port 8080. For example, to specify port 8080, use <i>host:8080</i> . |
| command=save | Save command. The save keyword associates the command with a save action, in this case saving a clip from an archive. The save keyword is a reserved value. |
| source=archiveName | Source archive where <i>archiveName</i> specifies the name of the archive instance. This is the parent archive from which to create the clip. The valid value for the <i>archiveName</i> value is an alphanumeric string containing 1 to 256 of the following characters: <ul style="list-style-type: none"> • Digits (0 to 9) • Upper case letters (A to Z) • Lower case letters (a to z) • Underscore (_) • Hyphen (-) The reserved <i>archiveName</i> value is -1. Note Each archive must have a unique name on a given VSMS host. |
| savemode=local | Save location for the archive clip. The local keyword specifies that only local clips are supported. The local keyword is a reserved value. |
| startutc=utcDate | Start date of the child clip, specified in UTC milliseconds. Verify the parent archive contains data for this date. |
| stoputc=utcDate | Stop date of the child clip, specified in UTC milliseconds. Make sure the parent archive contains data for this date. |

Optional Fields

| | |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| name= <i>target_id</i> | <p>Target archive name where <i>target_id</i> specifies the name of the archive instance. The valid value for the <i>target_id</i> value is an alphanumeric string containing 1 to 256 of the following characters:</p> <ul style="list-style-type: none"> • Digits (0 to 9) • Upper case letters (A to Z) • Lower case letters (a to z) • Underscore (_) • Hyphen (-) <p>The reserved <i>archiveName</i> value is -1.</p> <p>Note Each archive must have a unique name on a given VSMS host.</p> |
| desc= <i>description</i> | <p>Archive description where <i>description</i> specifies a brief description of the archive. The valid value for the <i>description</i> value is an alphanumeric string containing 1 to 20 of the following characters:</p> <ul style="list-style-type: none"> • Digits (0 to 9) • Upper case letters (A to Z) • Lower case letters (a to z) • Underscore (_) • Hyphen (-) • Space character <p>The reserved <i>description</i> value is -1.</p> <p>If this parameter is not specified, VSMS will store the name of the proxy source in the description field.</p> |
| repos= <i>location</i> | DO NOT USE. This parameter is ignored. |
| saveformat= <i>clipType</i> | <p>Save format where <i>clipType</i> specifies the type of archive clip to generate. Valid <i>clipType</i> values include the following keywords:</p> <ul style="list-style-type: none"> • regular—Regular streamable archive clip • bwm—BWM archive clip • bwx—BWX secure video clip <p>The default <i>clipType</i> value is regular.</p> |
| daystolive= <i>liveNum</i> | <p>Days to live where <i>liveNum</i> value specifies the number of days (starting from the day the clip is created) that the clip is stored before being removed from the repository. Valid <i>liveNum</i> values are integers. The default value is 0, which permanently stores the clip in the repository.</p> <p>Note The daystolive value is inherited from the parent archive, regardless of the format.</p> |
| notifyurl= <i>notifyUrl</i> | <p>Format: [http://<i>host</i>/<i>handler_path</i>] URL to send upon the successful completion or failure of a clip. This is used to report status to the application after the clipping process finishes execution.</p> |

Return Values

A standard HTTP/1.x header followed by:

```
Content-Type: text/plain
Return Code: <0 or -1 output>
0 Successful completion of the URL command
-1 Error in execution of the URL command
```

VSMS will return a status code after the parameters have been validated. The save clip operation will run in the background. VSMS will not send a second return code when the clip is completed, but a handler can be configured at the save clip's notification URL to receive notification if a clip has succeeded or failed.

Examples

The following command saves a clip from archive ABC, to localhost on port 80, beginning at 1020530754089 (UTC milliseconds) and ending at 1020530786232 (UTC milliseconds). VSMS will create the name for this archive clip and create a virtual clip on the local host.

```
http://vsms.cisco.com/cgi-bin/smanager.bwt?command=save&startutc=1020530754089&stoputc=1020530786232&source=ABC&savemode=local&saveformat=regular
```