RSS 2000 XML API Documentation

Document Identification	
Document Name	RSS 2000 XML API Documentation
Document Number	
Product Name	POLYCOM ™ RSS 2000
Product Version	3.0
Document Author	Li Ling / Liu River / Dong Chunhong / Wang Baoliang

Revision #	Author	Modification
1	Li Ling	2006-6-16 - Intial revision
2	Li Ling	2006-9-14 - Updated H.323 connection control commands

3	Li Ling	2007-3-14 - Update XML commands.
		
		1. New parameter/return valued are added to some commands/confirm/indication. (In blue color)
		  a) LOGIN
		  b) GETDEVINFO
		  c) REFRESHSTATUS
		  d) STARTQUICKRECORD
		  e) GETMEDIAINFO
		  f) GETIP
		  g) GETIVR
		  h) SETIVR
		  i) GETSTORAGE
		  j) SETSTORAGE
		  k) SHUTDOWN
		
		2. New commands are added.
		  a) GETCFSINFO
		  b) SETCFSKEY
		  c) GETLDAP
		  d) SETLDAP
		  e) GETMULTICAST
		  f) SETMULTICAST
		  g) GETOS
		  h) SETOS
		  i) GETSTACKING
		  j) SETSTACKING
		  k) GETLOGGING
		  l) SETLOGGING
		  m) GETBANNER
		  n) SETBANNER

Revision #	Author	Modification
		o) GETUILOGO p) SETUILOGO q) GETVIDEOLOGO r) SETVIDEOLOGO
4	Liu River	2007-07-30 – Update XML message and usage specification
5	Chunhong Dong	2007-10-24 Add playback XML message

CONTENT

General Information:

1. Most of the XML API is designed for management of RSS 2000 product, especially via Web interface. The structure of this document is based on the RSS 2000 Web UI menu and function layout.
2. RSS 2000 management server uses TCP port 81 for network connections. All clients should make connection to TCP port 81.
3. There are three types of information packet: COMMAND, CONFIRM, and INDICATION.

   COMMAND packets are used by clients to send requests to the server.

   CONFIRM packets are used by the server to send replies to the clients in regard to their requests.

   INDICATION packets are used by the server to send any system change information (indications, such as adding or deleting a user account, adding or deleting of a archives, etc.) to the connected clients. INDICATION packets are useful to management software, and should be ignored by Web UI sessions.
4. All data are encapsulated in TPKT header.

   The length of the head is 4 bytes. The format of the TPKT header is 03 00 + length (2 bytes), where length=byte3*256+byte4. The length includes the length of the TPKT header (4 bytes). Therefore actual size of data in the packet is length-4. Refer to RFC 1006 for more details.
5. All XML information is encoded in UTF-8 format. The XML format looks like the following:

   COMMAND:

   ```xml
   <?xml version="1.0" encoding="utf-8" ?>
       <DVCRMANAGER version="1.0.0.0">
           <COMMAND xmlid="login">
               <USERNAME value="Administrator"/>
               <PASSWORD value=""/>
               <LANG value="0"/>
           </COMMAND>
       </DVCRMANAGER>
   ```

   CONFIRM

   ```xml
   <?xml version="1.0" encoding="UTF-8" ?>
       <DVCRMANAGER version="1.0.0.0">
           <CONFIRM xmlid="login">
               <RESULT value="0" />
               <PRIVILEGE value="0" />
               <DESCRIPTION value="Succeeded" />
               <SESSIONID value="7e76c583-2215-4c89-9a1af7a6c4ed8f11" />
           </CONFIRM>
       </DVCRMANAGER>
   ```
6. All commands except LOGIN must have a SESSIONID field in them. The SESSIONID filed is used for authentication/verification purpose. Each client finishing

password authentication with LOGIN command will create a client session in the RSS 2000 server and the client will get a session ID in reply. Each client session will time out after 30 minutes if no more activities are done in the session. If session ID is incorrect or session is timed out, the command will fail.

Login/Logout

Login

Description: Login to the RSS 2000 Server

COMMAND:

Parameters:

USERNAME	the user ID
PASSWORD	Password for the user ID
LANG	Language option for Web UI. 0: English 1: Chinese
DOMAIN	Domain name if AD/LDAP integration is used
INDICATION	Indicate whether the client wants to receive indication from the RSS2000 server. Default: No indication sent

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="login">
            <USERNAME value="Administrator"/>
            <PASSWORD value=""/>
            <LANG value="0"/>
            <DOMAIN value="DomainName" />
            <INDICATION value="1" />
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Login succeeded 1: Login failed
PRIVILEGE	User privilege for the login ID 0: Administrator 1: Ordinary
DESCRIPTION	Descript message if login failed.
SESSIONID	Session ID for this login session. Any commands that follows must have this session ID, otherwise the commands will fail

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="login">
            <RESULT value="0" />
            <PRIVILEGE value="0" />
```

```
            <DESCRIPTION value="Succeeded" />
            <SESSIONID value="7e76c583-2215-4c89-9a1af7a6c4ed8f11" />
        </CONFIRM>
    </DVCRMANAGER>
```

Logout

Description: Logout to the RSS 2000 server
COMMAND
     Parameters:

SESSIONID	the session ID got from Login command
LANG	Language option for Web UI. 0: English 1: Chinese

Example:
```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="logout">
            <LANG value="en" />
            <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
        </COMMAND>
    </DVCRMANAGER>
```

    CONFIRM

RESULT	0: Logout succeeded
	1: Logout failed
DESCRIPTION	Descript message if logout failed.

Example:
```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="logout">
        <RESULT value="0" />
        <DESCRIPTION value="Succeeded" />
        </CONFIRM>
    </DVCRMANAGER>
```

System Information

System Information

GETDEVINFO

Description: get system information

COMMAND

Parameters:

SESSIONID	the session ID got from Login command

Example:

```xml
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="getdevinfo">
            <SESSIONID value="7e76c583-2215-4c89-9a1af7a6c4ed8f11" />
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
PRODUCTNAME	Product name of the RSS System
VERSION	Version information
TYPE	Product type
H323COUNT	Maximum H.323 connections links
VODCOUNT	Maximum archive viewer for the system
RECABILITY	Maximum H.323 recording sessions
ACTIVATED	CFS activation status.
	0: Not activated
	1: Activated

Example:

```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="getdevinfo">
            <RESULT value="0" />
            <PRODUCTNAME value="Polycom Recording Streaming Server" />
            <VERSION value="1.0.0.004,    Build: May 19 2006 15:03:01" />
            <TYPE value="RSS 2000" />
            <H323COUNT value="10" />
            <VODCOUNT value="100" />
            <RECABILITY value="2" />
            <ACTIVATED value="1" />
        </CONFIRM>
    </DVCRMANAGER>
```

System Usage

REFRESHSTATUS

Description: get system usage information
COMMAND
    Parameters:

SESSIONID	the session ID got from Login command

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="refreshstatus">
            <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
        </COMMAND>
    </DVCRMANAGER>
```

    CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Descript message for the result of the command if failed
DISK	Hard disk usage in percentage
CPU	CPU utilization in percentage
TIME	Time of the system in GMT
TIMEVALUE	Time of seconds in GMT since 1970:1/1 0:0
TIMEZONE	Time zone configured on the server. -12 - 12

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="refreshstatus">
            <RESULT value="0" />
            <DISK value="93" />
            <CPU value="0" />
            <TIME value="May 19,2006 15:06:00" />
            <TIMEVALUE value="123456789123" />
            <TIMEZONE value="8" />
        </CONFIRM>
    </DVCRMANAGER>
```

System Configuration

IP Settings

GETIP

Description: Get the IP address of the RSS 2000 Server

COMMAND

Parameters:

SESSIONID	the session ID got from Login command
INDEX	(Optional) Index of the LAN port
	0: LAN1
	1: LAN2
	If not given, return all LAN port information

Example:

```xml
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="getip">
            <SESSIONID value="7e76c583-2215-4c89-9a1af7a6c4ed8f11" />
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
INDEX	Index of the LAN port
	0: LAN1
	1: LAN2
	Currently only LAN1 is supported
DEVIP	IP address of the LAN port
DEVMASK	Network mask of the LAN port
GATEWAY	IP address of the default gateway
DCHP	
DNS1	
DNS2	
DCHPDNS	

Example:

```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="getip">
            <RESULT value="0" />
            <INDEX value="0" />
            <DEVIP value="172.21.100.20" />
            <DEVMASK value="255.255.224.0" />
```

```
                    <GATEWAY value="172.21.96.254" />
            </CONFIRM>
      </DVCRMANAGER>
```

SETIP

Description: change IP address of the system

COMMAND

SESSIONID	The session ID got from Login command
INDEX	Index of the LAN port 0: LAN1 1: LAN2 Currently only LAN1 is supported
DEVIP	IP address for LAN port
DEVMASK	Subnet mask for LAN port
GATEWAY	IP address of the default gateway
DCHP	Not apply to LAN1
DNS1	
DNS2	
DCHPDNS	

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
      <DVCRMANAGER version="1.0.0.0">
            <COMMAND xmlid="setip">
                  <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
                  <INDEX value="0"/>
                  <DEVIP value="172.21.100.20"/>
                  <DEVMASK value="255.255.224.0"/>
                  <GATEWAY value="172.21.96.254"/>
            </COMMAND>
      </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded 1: Command failed
INDEX	Index of the LAN port 0: LAN1 1: LAN2 Currently only LAN1 is supported
DEVIP	IP address of the LAN port
DEVMASK	Network mask of the LAN port
GATEWAY	IP address of the default gateway

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="setip">
            <RESULT value="0" />
            <INDEX value="0" />
            <DEVIP value="172.21.100.20" />
            <DEVMASK value="255.255.224.0" />
            <GATEWAY value="172.21.96.254" />
        </CONFIRM>
    </DVCRMANAGER>
```

INDICATION

INDEX	Index of the LAN port
	0: LAN1
	1: LAN2
	Currently only LAN1 is supported
DEVIP	IP address of the LAN port
DEVMASK	Network mask of the LAN port
GATEWAY	IP address of the default gateway

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <INDICATION xmlid="setip">
            <INDEX value="0" />
            <DEVIP value="172.21.100.20" />
            <DEVMASK value="255.255.224.0" />
            <GATEWAY value="172.21.96.254" />
        </INDICATION>
    </DVCRMANAGER>
```

Gatekeeper Settings

GETGK

Description: get the Gatekeeper settings

COMMAND

    Parameters:

SESSIONID	the session ID got from Login command

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
```

```
<COMMAND xmlid="getgk">
    <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
    </COMMAND>
</DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed
USEGK	Whether the system has registered to gatekeeper
	0: NOT registered
	1: Registered to GK
GKIP	IP address of the Gatekeeper
GKSTATUS	The status of the registration
GKCOLOR	Font color for GKSTATUS information (Reserved for Web UI only)
GKPORT	The Gatekeeper port (default port is 1719)
E164	E.164 number / Prefix for the RSS server
H323	H.323 alias for the RSS server

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="getgk">
            <RESULT value="0" />
            <USEGK value="0" />
            <GKIP value="172.21.101.49" />
            <GKSTATUS value="Unregistered" />
            <GKCOLOR value="1" />
            <GKPORT value="1719" />
            <E164 value="1897" />
            <H323 value="RSS 2000" />
        </CONFIRM>
    </DVCRMANAGER>
```

SETGK

Description: Change the Gatekeeper settings

COMMAND

Parameters:

SESSIONID	the session ID got from Login command
USEGK	Whether the system should register to gatekeeper
	0: NOT register
	1: Register to GK
GKIP	IP address of the Gatekeeper

GKPORT	The Gatekeeper port (default port is 1719)
E164	E.164 number / Prefix for the RSS server
H323	H.323 alias for the RSS server

Example:

```xml
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="setgk">
            <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
            <USEGK value="1"/>
            <GKIP value="172.21.101.49"/>
            <GKPORT value="1719"/>
            <E164 value="1897"/>
            <H323 value="RSS Li Ling"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed
USEGK	Whether the system has registered to gatekeeper
	0: NOT registered
	1: Registered to GK
GKIP	IP address of the Gatekeeper
GKSTATUS	The status of the registration
GKCOLOR	Font color for GKSTATUS information (Reserved for Web UI only)
GKPORT	The Gatekeeper port (default port is 1719)
E164	E.164 number / Prefix for the RSS server
H323	H.323 alias for the RSS server

Example:

```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="setgk">
            <RESULT value="0" />
            <USEGK value="1" />
            <GKIP value="172.21.101.49" />
            <GKSTATUS value="Unregistered" />
            <GKCOLOR value="1" />
            <GKPORT value="1719" />
            <E164 value="1897" />
            <H323 value="RSS Li Ling" />
        </CONFIRM>
    </DVCRMANAGER>
```

IVR/Language Settings

GETLANG

Description : Get the language option for endpoint menu

COMMAND

Parameters:

SESSIONID	the session ID got from Login command

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="getlang">
            <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed
LANG	Menu language settings for the endpoints
	0: English
	1: Chinese

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="getlang">
            <RESULT value="0" />
            <LANG value="0" />
        </CONFIRM>
    </DVCRMANAGER>
```

SETLANG

Description : Set the language option for endpoint menu

COMMAND

Parameters:

SESSIONID	the session ID got from Login command
LANG	Menu language settings for the endpoints

| | 0: English |
| | 1: Chinese |

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="setlang">
            <SESSIONID value="738023b2-8117-407d-a6b420ffb15e997b" />
            <LANG value="0"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed
LANG	Menu language settings for the endpoints
	0: English
	1: Chinese

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="setlang">
            <RESULT value="0" />
            <LANG value="0" />
        </CONFIRM>
    </DVCRMANAGER>
```

GETIVR

Description : Get the location for the IVR message file on the RSS Server
COMMAND

Parameters:

SESSIONID	The session ID got from Login command
INDEX	Index of the IVR message file
	0: Welcome message
	1: Conference Recording has started
	2: The conference recording is now paused
	3: The conference recording is now resumed
	4: The conference recording has ended
	5: Insufficient Disk Space for Conference Recording
	6: The conference recording has failed
	7: This is the end of a conference recording playback
	8: Please enter your personal code press the pound key when

	complete
	9: Invalid Personal Code please try again
LANGUAGE	Language index
	0: English (default value)
	1: Chinese
	2: Japanese

Example:

```xml
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="getivr">
            <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
            <INDEX value="0"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed
PLAY_URL	The URL location of the IVR message file, which can be used by Web browser for playback

Example:

```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="getivr">
            <RESULT value="0" />
            <PLAY_URL value="/ivr/welcome.wav" />
        </CONFIRM>
    </DVCRMANAGER>
```

SETIVR

Description: Replace the IVR message file.   **NOTE:** This command is for Web UI only

COMMAND

Parameters:

SESSIONID	the session ID got from Login command
TYPE	Index for the IVR message, see GETIVR command
LANGUAGE	Language index
	0: English (default value)
	1: Chinese
	2: Japanese
FILENAME	Filename for the new IVR message file, this file is a local file on the

| | RSS Server. |
| | For Web UI: The file is downloaded to the RSS server via HTTP and stored on a temporary folder. |

Example:

```xml
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="setivr">
            <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
            <TYPE value="0"/>
            <FILENAME value="\rss7D.tmp"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed

Example:

```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="setivr">
            <RESULT value="0" />
            <DESCRIPTION value="Succeeded" />
        </CONFIRM>
    </DVCRMANAGER>
```

Backup/Cleanup Settings

GETSTORAGE

Description: Get system Backup and Cleanup settings

COMMAND

Parameters:

| SESSIONID | the session ID got from Login command |

Example:

```xml
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="getstorage">
            <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed
FTP	IP address of the FTP Server for backup
PATH	Backup directory on the FTP server
USER	FTP login user name
PASSWORD	FTP login password
AUTO_SAVE	0: Never do automatic backup
	1: Do automatic backup
	2: Automatic backup after recording complete
SAVE_INTERVAL	Do automatic backup every X days, if AUTO_SAVE is 1
START_TIME	Start time for automatic backup, 0: 0:00, 1: 1:00, etc.
END_TIME	End time for automatic backup, 0: 0:00, 1: 1:00, etc
AUTO_DEL	0: Never do automatic delete
	1: Do automatic delete
DEL_INTERVAL	Do automatic delete every X days, if AUTO_DEL is 1

Example:

```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="getstorage">
            <RESULT value="0" />
            <FTP value="172.21.96.10" />
            <PATH value="\rssbackup" />
            <USER value="upload" />
            <PASSWORD value="test" />
            <AUTO_DEL value="1" />
            <DEL_INTERVAL value="1" />
            <START_TIME value="1" />
            <END_TIME value="2" />
            <AUTO_SAVE value="1" />
            <SAVE_INTERVAL value="1" />
        </CONFIRM>
    </DVCRMANAGER>
```

SETSTORAGE

Description: Change system Backup and Cleanup settings

COMMAND

Parameters:

SESSIONID	the session ID got from Login command

FTP	IP address of the FTP Server for backup
PATH	Backup directory on the FTP server
USER	FTP login user name
PASSWORD	FTP login password
AUTO_SAVE	0: Never do automatic backup 1: Do automatic backup 2: Automatic backup after recording complete
SAVE_INTERVAL	Do automatic backup every X days, if AUTO_SAVE is 1
START_TIME	Start time for automatic backup, 0: 0:00, 1: 1:00, etc.
END_TIME	End time for automatic backup, 0: 0:00, 1: 1:00, etc
AUTO_DEL	0: Never do automatic delete 1: Do automatic delete
DEL_INTERVAL	Do automatic delete every X days, if AUTO_DEL is 1

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="setstorage">
            <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
            <FTP value = "172.21.96.10" />
            <PATH value = "\rssbackup" />
            <USER value = "upload" />
            <PASSWORD value = "test" />
            <AUTO_DEL value = "1" />
            <DEL_INTERVAL value = "1" />
            <START_TIME value = "1" />
            <END_TIME value = "2" />
            <AUTO_SAVE value = "1" />
            <SAVE_INTERVAL value = "1" />
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded 1: Command failed
DESCRIPTION	Description message if the command failed
FTP	IP address of the FTP Server for backup
PATH	Backup directory on the FTP server
USER	FTP login user name
PASSWORD	FTP login password
AUTO_SAVE	0: Never do automatic backup 1: Do automatic backup
SAVE_INTERVAL	Do automatic backup every X days, if AUTO_SAVE is 1
START_TIME	Start time for automatic backup, 0: 0:00, 1: 1:00, etc.
END_TIME	End time for automatic backup, 0: 0:00, 1: 1:00, etc

AUTO_DEL	0: Never do automatic delete
	1: Do automatic delete
DEL_INTERVAL	Do automatic delete every X days, if AUTO_DEL is 1

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="setstorage">
            <RESULT value="0" />
            <FTP value="172.21.96.10" />
            <PATH value="\rssbackup" />
            <USER value="upload" />
            <PASSWORD value="test" />
            <AUTO_DEL value="1" />
            <DEL_INTERVAL value="1" />
            <START_TIME value="1" />
            <END_TIME value="2" />
            <AUTO_SAVE value="1" />
            <SAVE_INTERVAL value="1" />
        </CONFIRM>
    </DVCRMANAGER>
```

INDICATION

FTP	IP address of the FTP Server for backup
PATH	Backup directory on the FTP server
USER	FTP login user name
PASSWORD	FTP login password
AUTO_SAVE	0: Never do automatic backup
	1: Do automatic backup
SAVE_INTERVAL	Do automatic backup every X days, if AUTO_SAVE is 1
START_TIME	Start time for automatic backup, 0: 0:00, 1: 1:00, etc.
END_TIME	End time for automatic backup, 0: 0:00, 1: 1:00, etc
AUTO_DEL	0: Never do automatic delete
	1: Do automatic delete
DEL_INTERVAL	Do automatic delete every X days, if AUTO_DEL is 1

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <INDICATION xmlid="setstorage">
            <FTP value="172.21.96.10" />
            <PATH value="\rssbackup" />
            <USER value="upload" />
            <PASSWORD value="test" />
            <AUTO_DEL value="1" />
            <DEL_INTERVAL value="1" />
```

```
            <START_TIME value="1" />
            <END_TIME value="2" />
            <AUTO_SAVE value="1" />
            <SAVE_INTERVAL value="1" />
        </INDICATION>
    </DVCRMANAGER>
```

Upgrade/Reset System

SHUTDOWN

Description: Reset the system.
COMMAND
    Parameters:

SESSIONID	the session ID got from Login command
POWEROFF	0: No power off, system restarts
	1: Power off. System will shutdown

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="getendpoint">
            <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
        </COMMAND>
    </DVCRMANAGER>
```

Account Management

Endpoints

GETENDPOINT

Description: Get endpoint account information
COMMAND
    Parameters:

SESSIONID	the session ID got from Login command

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
```

```
    <COMMAND xmlid="getendpoint">
        <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
    </COMMAND>
</DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed
SOURCEID	An unique GUID for the endpoint
SOURCENAME	Name of the endpoint
SOURCEIP	IP address for the endpoint
FLAG	Endpoint options
	0: Endpoint has no options.
	1: Endpoint has immediate recording option
E164	Endpoint E.164 number, can be blank
H323	Endpoint H.323 alias
TITLE	Reserved for future use.

NOTE: There may be multiple confirms

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="getendpoint">
            <RESULT value="0" />
            <SOURCEID value="cffb1fc0-9ec5-4822-ae0fdb9a77d5d72b" />
            <SOURCENAME value="6000" />
            <SOURCEIP value="172.21.120.153" />
            <FLAG value="0" />
            <E164 value="" />
            <H323 value="" />
            <TITLE value="" />
        </CONFIRM>
        <CONFIRM xmlid="getendpoint">
            <RESULT value="0" />
            <SOURCEID value="9f2a3487-8c7c-45b1-bbf3568079229cc7" />
            <SOURCENAME value="1" />
            <SOURCEIP value="11.22.33.44" />
            <FLAG value="0" />
            <E164 value="11" />
            <H323 value="11" />
            <TITLE value="" />
        </CONFIRM>
    </DVCRMANAGER>
```

ADDENDPOINT

Description: Add an endpoint account

COMMAND

Parameters:

SESSIONID	the session ID got from Login command
SOURCENAME	Name of the endpoint, should be unique in the system
SOURCEIP	IP address for the endpoint, CAN NOT be blank
E164	Endpoint E.164 number, can be blank
H323	Endpoint H.323 alias, can be blank
FLAG	Endpoint options 0: Endpoint has no options. 1: Endpoint has immediate recording option

Example:

```xml
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="addendpoint">
            <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
            <SOURCENAME value="8000"/>
            <SOURCEIP value="172.21.101.24" />
            <E164 value="" />
            <H323 value="" />
            <FLAG value ="1"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed
SOURCEID	Unique GUID for the newly added endpoint
SOURCENAME	Name of the endpoint
SOURCEIP	IP address for the endpoint
FLAG	Endpoint options 0: Endpoint has no options. 1: Endpoint has immediate recording option
E164	Endpoint E.164 number, can be blank
H323	Endpoint H.323 alias
TITLE	Reserved for future use.

Example

```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="addendpoint">
```

```
        <RESULT value="0" />
        <DESCRIPTION value="Succeeded" />
        <SOURCEID value="b36d7955-2443-4efa-8392b3dbf23de48c" />
        <SOURCENAME value="8000" />
        <SOURCEIP value="172.21.101.24" />
        <FLAG value="1" />
        <E164 value="" />
        <H323 value="" />
        <TITLE value="" />
    </CONFIRM>
</DVCRMANAGER>
```

INDICATION

SOURCEID	Unique GUID for the newly added endpoint
SOURCENAME	Name of the endpoint
SOURCEIP	IP address for the endpoint
FLAG	Endpoint options
	0: Endpoint has no options.
	1: Endpoint has immediate recording option
E164	Endpoint E.164 number, can be blank
H323	Endpoint H.323 alias
TITLE	Reserved for future use.

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <INDICATION xmlid="addendpoint">
            <SOURCEID value="b36d7955-2443-4efa-8392b3dbf23de48c" />
            <SOURCENAME value="8000" />
            <SOURCEIP value="172.21.101.24" />
            <FLAG value="1" />
            <E164 value="" />
            <H323 value="" />
            <TITLE value="" />
        </INDICATION>
    </DVCRMANAGER>
```

MODENDPOINT

Description: Modify an endpoint account

COMMAND

Parameters:

SESSIONID	the session ID got from Login command

SOURCENAME	Name of the endpoint
SOURCEIP	IP address for the endpoint, CANNOT be blank
E164	Endpoint E.164 number, can be blank
H323	Endpoint H.323 alias, can be blank

FLAG	Endpoint options
	
	   0: Endpoint has no options.
	
	   1: Endpoint has immediate recording option

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="modendpoint">
            <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
            <SOURCENAME value="8000"/>
            <SOURCEIP value="172.21.101.24" />
            <E164 value="" />
            <H323 value="" />
            <FLAG value ="0"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded 1: Command failed
DESCRIPTION	Description message if the command failed
SOURCEID	Unique GUID for the newly added endpoint
SOURCENAME	Name of the endpoint
SOURCEIP	IP address for the endpoint

FLAG	Endpoint options
	
	   0: Endpoint has no options.
	
	   1: Endpoint has immediate recording option

E164	Endpoint E.164 number, can be blank
H323	Endpoint H.323 alias
TITLE	Reserved for future use.

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="modendpoint">
            <RESULT value="0" />
            <DESCRIPTION value="Succeeded" />
            <SOURCEID value="b36d7955-2443-4efa-8392b3dbf23de48c" />
            <SOURCENAME value="8000" />
            <SOURCEIP value="172.21.101.24" />
            <FLAG value="0" />
            <E164 value="" />
```

```
                    <H323 value="" />
                    <TITLE value="" />
                </CONFIRM>
            </DVCRMANAGER>
```

INDICATION

SOURCEID	GUID for the endpoint
SOURCENAME	Name of the endpoint
SOURCEIP	IP address for the endpoint
FLAG	Endpoint options
	0: Endpoint has no options.
	1: Endpoint has immediate recording option
E164	Endpoint E.164 number, can be blank
H323	Endpoint H.323 alias

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <INDICATION xmlid="modendpoint">
            <SOURCEID value="b36d7955-2443-4efa-8392b3dbf23de48c" />
            <SOURCENAME value="8000" />
            <SOURCEIP value="172.21.101.24" />
            <FLAG value="0" />
            <E164 value="" />
            <H323 value="" />
        </INDICATION>
    </DVCRMANAGER>
```

DELENDPOINT

Description: Add an endpoint account

COMMAND

Parameters:

SESSIONID	the session ID got from Login command
SOURCENAME	Name of the endpoint to be deleted

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="delendpoint">
            <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
            <SOURCENAME value="1"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed
SOURCEID	GUID for the endpoint to be deleted
SOURCENAME	Name of the endpoint
SOURCEIP	IP address for the endpoint
FLAG	Endpoint options
	0: Endpoint has no options.
	1: Endpoint has immediate recording option
E164	Endpoint E.164 number, can be blank
H323	Endpoint H.323 alias
TITLE	Reserved for future use.

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="delendpoint">
            <RESULT value="0" />
            <DESCRIPTION value="Succeeded" />
            <SOURCEID value="9f2a3487-8c7c-45b1-bbf3568079229cc7" />
            <SOURCENAME value="1" />
            <SOURCEIP value="11.22.33.44" />
            <FLAG value="0" />
            <E164 value="11" />
            <H323 value="11" />
            <TITLE value="" />
        </CONFIRM>
    </DVCRMANAGER>
```

INDICATION

SOURCEID	GUID for the endpoint to be deleted
SOURCENAME	Name of the endpoint
SOURCEIP	IP address for the endpoint
FLAG	Endpoint options
	0: Endpoint has no options.
	1: Endpoint has immediate recording option
E164	Endpoint E.164 number, can be blank
H323	Endpoint H.323 alias
TITLE	Reserved for future use.

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <INDICATION xmlid="delendpoint">
```

```
<SOURCEID value="9f2a3487-8c7c-45b1-bbf3568079229cc7" />
<SOURCENAME value="1" />
<SOURCEIP value="11.22.33.44" />
<FLAG value="0" />
<E164 value="11" />
<H323 value="11" />
<TITLE value="" />
    </INDICATION>
</DVCRMANAGER>
```

Users

GETDEVUSER

Description: Get user account information
COMMAND
Parameters:

SESSIONID	the session ID got from Login command

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="getdevuser">
            <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
        </COMMAND>
</DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed
USERID	Unique GUID for the user, generated by the system
USERNAME	Name of the user account, should be unique in the syste.
FULLNAME	Full descriptive name for the user account. Can be blank.
EMAIL	E-mail address of the user account. Can be blank.
PASSWORD	Login password for the user. Can be blank.
PRIVILEGE	User privilege.
	0: Administrator level
	1: Ordinary level
OPIONS	Reserved for future use.

NOTE: There may be multiple confirms.
Example

```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="getdevuser">
            <RESULT value="0" />
            <USERID value="bd889457-7f50-4520-b25947b0834643b1" />
            <USERNAME value="Administrator" />
            <FULLNAME value="Administrator" />
            <EMAIL value="" />
            <PASSWORD value="" />
            <PRIVILEGE value="0" />
            <OPTIONS value="0" />
        </CONFIRM>
        <CONFIRM xmlid="getdevuser">
            <RESULT value="0" />
            <USERID value="9a12fdd4-45ee-4de9-9caedbb1e6ae6f06" />
            <USERNAME value="test" />
            <FULLNAME value="dst" />
            <EMAIL value="" />
            <PASSWORD value="" />
            <PRIVILEGE value="0" />
            <OPTIONS value="0" />
        </CONFIRM>
    </DVCRMANAGER>
```

ADDDEVUSER

Description: Add a user account
COMMAND

Parameters:

SESSIONID	the session ID got from Login command
USERNAME	Name of the user account, should be unique in the syste.
FULLNAME	Full descriptive name for the user account. Can be blank.
EMAIL	E-mail address of the user account. Can be blank.
PASSWORD	Login password for the user. Can be blank.
PRIVILEGE	User privilege. 0: Administrator level 1: Ordinary level

Example:

```xml
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="adddevuser">
            <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
```

```
            <USERNAME value="new1"/>
            <PASSWORD value="abc"/>
            <FULLNAME value="new1 "/>
            <EMAIL value="abc@aaa.com"/>
            <PRIVILEGE value="0"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed
USERID	Unique GUID for the user, generated by the system
USERNAME	Name of the user account, should be unique in the syste.
FULLNAME	Full descriptive name for the user account. Can be blank.
EMAIL	E-mail address of the user account. Can be blank.
PASSWORD	Login password for the user. Can be blank.
PRIVILEGE	User privilege.
	0: Administrator level
	1: Ordinary level
OPIONS	Reserved for future use.

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="adddevuser">
            <RESULT value="0" />
            <DESCRIPTION value="Succeeded" />
            <USERID value="7b22784f-784d-4f9f-babaacf8d41f3757" />
            <USERNAME value="new1" />
            <FULLNAME value="new1 " />
            <EMAIL value="abc@aaa.com" />
            <PASSWORD value="abc" />
            <PRIVILEGE value="0" />
            <OPTIONS value="0" />
        </CONFIRM>
    </DVCRMANAGER>
```

INDICATION

USERID	Unique GUID for the user, generated by the system
USERNAME	Name of the user account, should be unique in the syste.
FULLNAME	Full descriptive name for the user account. Can be blank.
EMAIL	E-mail address of the user account. Can be blank.
PASSWORD	Login password for the user. Can be blank.
PRIVILEGE	User privilege.

	0: Administrator level
	1: Ordinary level
OPIONS	Reserved for future use.

Example:

```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <INDICATION xmlid="adddevuser">
            <USERID value="7b22784f-784d-4f9f-babaacf8d41f3757" />
            <USERNAME value="new1" />
            <FULLNAME value="new1 " />
            <EMAIL value="abc@aaa.com" />
            <PASSWORD value="abc" />
            <PRIVILEGE value="0" />
            <OPTIONS value="0" />
        </INDICATION>
    </DVCRMANAGER>
```

MODDEVUSER

Description: Modify a user account information

COMMAND

Parameters:

SESSIONID	the session ID got from Login command
USERNAME	Name of the user account, should be unique in the syste.
FULLNAME	Full descriptive name for the user account. Can be blank.
EMAIL	E-mail address of the user account. Can be blank.
PASSWORD	Login password for the user. Can be blank.
PRIVILEGE	User privilege.
	0: Administrator level
	1: Ordinary level

Example:

```xml
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="moddevuser">
            <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
            <USERNAME value="new1"/>
            <PASSWORD value="abc"/>
            <FULLNAME value="new1 "/>
            <EMAIL value="abc@aaa.com"/>
            <PRIVILEGE value="1"/>
        </COMMAND>
```

</DVCRMANAGER>

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed
USERID	Unique GUID for the user, generated by the system
USERNAME	Name of the user account, should be unique in the syste.
FULLNAME	Full descriptive name for the user account. Can be blank.
EMAIL	E-mail address of the user account. Can be blank.
PASSWORD	Login password for the user. Can be blank.
PRIVILEGE	User privilege.
	0: Administrator level
	1: Ordinary level
OPIONS	Reserved for future use.

Example

```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="moddevuser">
            <RESULT value="0" />
            <DESCRIPTION value="Succeeded" />
            <USERID value="7b22784f-784d-4f9f-babaacf8d41f3757" />
            <USERNAME value="new1" />
            <FULLNAME value="new1 " />
            <EMAIL value="abc@aaa.com" />
            <PASSWORD value="abc" />
            <PRIVILEGE value="1" />
            <OPTIONS value="0" />
        </CONFIRM>
    </DVCRMANAGER>
```

INDICATION

USERID	Unique GUID for the user, generated by the system
USERNAME	Name of the user account, should be unique in the syste.
FULLNAME	Full descriptive name for the user account. Can be blank.
EMAIL	E-mail address of the user account. Can be blank.
PASSWORD	Login password for the user. Can be blank.
PRIVILEGE	User privilege.
	0: Administrator level
	1: Ordinary level
OPIONS	Reserved for future use.

Example:

```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
```

```
        <INDICATION xmlid="moddevuser">
            <USERID value="7b22784f-784d-4f9f-babaacf8d41f3757" />
            <USERNAME value="new1" />
            <FULLNAME value="new1 " />
            <EMAIL value="abc@aaa.com" />
            <PASSWORD value="abc" />
            <PRIVILEGE value="1" />
            <OPTIONS value="0" />
        </INDICATION>
    </DVCRMANAGER>
```

DELDEVUSER

Description: Delete a user account

COMMAND

Parameters:

SESSIONID	the session ID got from Login command
USERNAME	Name of the user account to be deleted

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="deldevuser">
            <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
            <USERNAME value="new1"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

| RESULT | 0: Command succeeded |
	1: Command failed
DESCRIPTION	Description message if the command failed
USERID	Unique GUID for the user being deleted
USERNAME	Name of the user account being deleted

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="deldevuser">
            <RESULT value="0" />
            <DESCRIPTION value="Succeeded" />
            <USERID value="7b22784f-784d-4f9f-babaacf8d41f3757" />
            <USERNAME value="new1" />
        </CONFIRM>
```

```
        </DVCRMANAGER>
```

INDICATION

USERID	Unique GUID for the user being deleted
USERNAME	Name of the user account being deleted

Example:
```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <INDICATION xmlid="deldevuser">
            <USERID value="7b22784f-784d-4f9f-babaacf8d41f3757" />
            <USERNAME value="new1" />
        </INDICATION>
    </DVCRMANAGER>
```

Groups

GETGROUP

Description: Get group account information
COMMAND
      Parameters:

SESSIONID	the session ID got from Login command
Optional parameter	
GROUPNAME	Name of the group
GROUPID	GUID of the group

NOTE: To get detail information of a specific group, add GROUPNAME and GROUPID parameters to the GETGROUP command

Example 1 (Get general group information)
```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="getgroup">
            <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
        </COMMAND>
    </DVCRMANAGER>
```

Example 2 (Get specific group information)
```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="getgroup">
            <SESSIONID value="b4cef6f0-673c-495b-b4119c5d6d461922" />
            <GROUPNAME value="Group1"/>
```

```
            <GROUPID value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed
GROUPID	Unique GUID for the group, created by the system
GROUPNAME	Name of the group, should be unique in the system
DESCRIPTION	Descriptive message for the group account
MEMBER_COUNT	Number of members (user or endpoint) in this group
Optional field for specific group information	
MEMBER	GUID of the member, this is either a user member or a endpoint member
MEMBER_USER	GUID of the user member and its name
NOTIN_USER	Users that are not in this group, GUID and user name. This field is designed for Web UI.
MEMBER_EP	GUID of the endpoint member and its name
NOTIN_EP	Endpoints that are not member of this group, GUID and name. This field is designed for Web UI.

Example 1 (General group information)
```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="getgroup">
            <RESULT value="0" />
            <GROUPID value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" />
            <GROUPNAME value="Group1" />
            <DESCRIPTION value="aaaa" />
            <MEMBER_COUNT value="4" />
        </CONFIRM>
        <CONFIRM xmlid="getgroup">
            <RESULT value="0" />
            <GROUPID value="60e7013e-f48a-4dce-bdc6498f67f57d5b" />
            <GROUPNAME value="Group 2" />
            <DESCRIPTION value="" />
            <MEMBER_COUNT value="1" />
        </CONFIRM>
    </DVCRMANAGER>
```

Example 2 (Specific group information)
```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="getgroup">
```

```
        <RESULT value="0" />
        <GROUPID value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" />
        <GROUPNAME value="Group1" />
        <DESCRIPTION value="aaaa" />
        <MEMBER_COUNT value="4" />
        <MEMBER value="bd889457-7f50-4520-b25947b0834643b1" />
        <MEMBER_USER              value="bd889457-7f50-4520-b25947b0834643b1"
name="Administrator" />
        <MEMBER value="9a12fdd4-45ee-4de9-9caedbb1e6ae6f06" />
        <MEMBER_USER value="9a12fdd4-45ee-4de9-9caedbb1e6ae6f06" name="liling" />
        <MEMBER value="6f15f045-df23-43cf-bee1ea78f3afb511" />
        <MEMBER_USER value="6f15f045-df23-43cf-bee1ea78f3afb511" name="test" />
        <MEMBER value="cffb1fc0-9ec5-4822-ae0fdb9a77d5d72b" />
        <MEMBER_EP value="cffb1fc0-9ec5-4822-ae0fdb9a77d5d72b" name="6000" />
        <NOTIN_EP value="b36d7955-2443-4efa-8392b3dbf23de48c" name="8000" />
        </CONFIRM>
    </DVCRMANAGER>
```

GETMEMBER

Description: Get all the user and endpoint information. This command is designed for Web UI.

COMMAND

Parameters:

SESSIONID	the session ID got from Login command

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="getmember">
            <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
MEMBER_USER	GUID of the user member and its name
MEMBER_EP	GUID of the endpoint member and its name

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
```

```
<DVCRMANAGER version="1.0.0.0">
    <CONFIRM xmlid="getmember">
    <RESULT value="0" />
    <MEMBER_USER value="9a12fdd4-45ee-4de9-9caedbb1e6ae6f06" name="liling" />
    <MEMBER_USER value="6f15f045-df23-43cf-bee1ea78f3afb511" name="test" />
    <MEMBER_EP value="cffb1fc0-9ec5-4822-ae0fdb9a77d5d72b" name="6000" />
    <MEMBER_EP value="b36d7955-2443-4efa-8392b3dbf23de48c" name="8000" />
    </CONFIRM>
</DVCRMANAGER>
```

ADDGROUP

Description: Add a group account to the system

COMMAND

Parameters:

SESSIONID	the session ID got from Login command
GROUPNAME	Name of the newly added group
DESCRIPTION	Descriptive message for the group account
MEMBER	GUID of the members (user or endpoint) of this group

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="addgroup">
            <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
            <GROUPNAME value="test group"/>
            <DESCRIPTION value="test group" />
            <MEMBER value="9a12fdd4-45ee-4de9-9caedbb1e6ae6f06"/>
            <MEMBER value="cffb1fc0-9ec5-4822-ae0fdb9a77d5d72b"/>
            <MEMBER value="b36d7955-2443-4efa-8392b3dbf23de48c"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed
GROUPID	Unique GUID for the group, created by the system
GROUPNAME	Name of the group, should be unique in the system
DESCRIPTION	Descriptive message for the group account
MEMBER_COUNT	Number of members (user or endpoint) in this group
MEMBER	GUID of the member, this is either a user member or a endpoint member

MEMBER_USER	GUID of the user member and its name
NOTIN_USER	Users that are not in this group, GUID and user name. This field is designed for Web UI.
MEMBER_EP	GUID of the endpoint member and its name
NOTIN_EP	Endpoints that are not member of this group, GUID and name. This field is designed for Web UI.

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="addgroup">
            <RESULT value="0" />
            <GROUPID value="cd89a95c-66f6-4940-8429b3db504ddfbc" />
            <GROUPNAME value="test group" />
            <DESCRIPTION value="test group" />
            <MEMBER_COUNT value="3" />
            <MEMBER value="9a12fdd4-45ee-4de9-9caedbb1e6ae6f06" />
            <MEMBER_USER value="9a12fdd4-45ee-4de9-9caedbb1e6ae6f06" name="u" />
            <MEMBER value="cffb1fc0-9ec5-4822-ae0fdb9a77d5d72b" />
            <MEMBER_EP value="cffb1fc0-9ec5-4822-ae0fdb9a77d5d72b" name="6000" />
            <MEMBER value="b36d7955-2443-4efa-8392b3dbf23de48c" />
            <MEMBER_EP value="b36d7955-2443-4efa-8392b3dbf23de48c" name="800" />
            <NOTIN_USER             value="bd889457-7f50-4520-b25947b0834643b1"
name="Administrator" />
            <NOTIN_USER value="6f15f045-df23-43cf-bee1ea78f3afb511" name="test" />
        </CONFIRM>
    </DVCRMANAGER>
```

INDICATION

GROUPID	Unique GUID for the group, created by the system
GROUPNAME	Name of the group, should be unique in the system
DESCRIPTION	Descriptive message for the group account
MEMBER_COUNT	Number of members (user or endpoint) in this group
MEMBER	GUID of the member, this is either a user member or a endpoint member
MEMBER_USER	GUID of the user member and its name
NOTIN_USER	Users that are not in this group, GUID and user name. This field is designed for Web UI.
MEMBER_EP	GUID of the endpoint member and its name
NOTIN_EP	Endpoints that are not member of this group, GUID and name. This field is designed for Web UI.

Example

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
```

```
<INDICATION xmlid="addgroup">
    <GROUPID value="cd89a95c-66f6-4940-8429b3db504ddfbc" />
    <GROUPNAME value="test group" />
    <DESCRIPTION value="test group" />
    <MEMBER_COUNT value="3" />
    <MEMBER value="9a12fdd4-45ee-4de9-9caedbb1e6ae6f06" />
    <MEMBER_USER value="9a12fdd4-45ee-4de9-9caedbb1e6ae6f06" name="u" />
    <MEMBER value="cffb1fc0-9ec5-4822-ae0fdb9a77d5d72b" />
    <MEMBER_EP value="cffb1fc0-9ec5-4822-ae0fdb9a77d5d72b" name="6000" />
    <MEMBER value="b36d7955-2443-4efa-8392b3dbf23de48c" />
    <MEMBER_EP value="b36d7955-2443-4efa-8392b3dbf23de48c" name="800" />
    <NOTIN_USER            value="bd889457-7f50-4520-b25947b0834643b1"
name="Administrator" />
    <NOTIN_USER value="6f15f045-df23-43cf-bee1ea78f3afb511" name="test" />
</INDICATION>
</DVCRMANAGER>
```

MODGROUP

Description: Modify a group information and its members

COMMAND

Parameters:

SESSIONID	the session ID got from Login command
GROUPNAME	Name of the group to be modified
DESCRIPTION	Descriptive message for the group account
MEMBER	GUID of the members (user or endpoint) of this group

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
<DVCRMANAGER version="1.0.0.0">
    <COMMAND xmlid="modgroup">
        <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
        <GROUPNAME value="test group"/>
        <DESCRIPTION value="test group" />
        <MEMBER value="9a12fdd4-45ee-4de9-9caedbb1e6ae6f06"/>
        <MEMBER value="6f15f045-df23-43cf-bee1ea78f3afb511"/>
        <MEMBER value="cffb1fc0-9ec5-4822-ae0fdb9a77d5d72b"/>
    </COMMAND>
</DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed

GROUPID	Unique GUID for the group, created by the system
GROUPNAME	Name of the group, should be unique in the system
DESCRIPTION	Descriptive message for the group account
MEMBER_COUNT	Number of members (user or endpoint) in this group
MEMBER	GUID of the member, this is either a user member or a endpoint member
MEMBER_USER	GUID of the user member and its name
NOTIN_USER	Users that are not in this group, GUID and user name. This field is designed for Web UI.
MEMBER_EP	GUID of the endpoint member and its name
NOTIN_EP	Endpoints that are not member of this group, GUID and name. This field is designed for Web UI.

<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="modgroup">
            <RESULT value="0" />
            <GROUPID value="cd89a95c-66f6-4940-8429b3db504ddfbc" />
            <GROUPNAME value="test group" />
            <DESCRIPTION value="test group" />
            <MEMBER_COUNT value="3" />
            <MEMBER value="9a12fdd4-45ee-4de9-9caedbb1e6ae6f06" />
            <MEMBER_USER value="9a12fdd4-45ee-4de9-9caedbb1e6ae6f06" name="u" />
            <MEMBER value="6f15f045-df23-43cf-bee1ea78f3afb511" />
            <MEMBER_USER value="6f15f045-df23-43cf-bee1ea78f3afb511" name="tes" />
            <MEMBER value="cffb1fc0-9ec5-4822-ae0fdb9a77d5d72b" />
            <MEMBER_EP value="cffb1fc0-9ec5-4822-ae0fdb9a77d5d72b" name="6000" />
            <NOTIN_USER   value="bd889457-7f50-4520-b25947b0834643b1"
name="Administrator" />
            <NOTIN_EP value="b36d7955-2443-4efa-8392b3dbf23de48c" name="8000" />
        </CONFIRM>
    </DVCRMANAGER>

INDICATION

GROUPID	Unique GUID for the group, created by the system
GROUPNAME	Name of the group, should be unique in the system
DESCRIPTION	Descriptive message for the group account
MEMBER_COUNT	Number of members (user or endpoint) in this group
MEMBER	GUID of the member, this is either a user member or a endpoint member
MEMBER_USER	GUID of the user member and its name
NOTIN_USER	Users that are not in this group, GUID and user name. This field is designed for Web UI.
MEMBER_EP	GUID of the endpoint member and its name
NOTIN_EP	Endpoints that are not member of this group, GUID and name. This field is

	designed for Web UI.

Example:

```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <INDICATION xmlid="modgroup">
            <GROUPID value="cd89a95c-66f6-4940-8429b3db504ddfbc" />
            <GROUPNAME value="test group" />
            <DESCRIPTION value="test group" />
            <MEMBER_COUNT value="3" />
            <MEMBER value="9a12fdd4-45ee-4de9-9caedbb1e6ae6f06" />
            <MEMBER_USER value="9a12fdd4-45ee-4de9-9caedbb1e6ae6f06" name="u" />
            <MEMBER value="6f15f045-df23-43cf-bee1ea78f3afb511" />
            <MEMBER_USER value="6f15f045-df23-43cf-bee1ea78f3afb511" name="tes" />
            <MEMBER value="cffb1fc0-9ec5-4822-ae0fdb9a77d5d72b" />
            <MEMBER_EP value="cffb1fc0-9ec5-4822-ae0fdb9a77d5d72b" name="6000" />
            <NOTIN_USER            value="bd889457-7f50-4520-b25947b0834643b1"
name="Administrator" />
            <NOTIN_EP value="b36d7955-2443-4efa-8392b3dbf23de48c" name="8000" />
        </INDICATION>
    </DVCRMANAGER>
```

DELGROUP

Description: Delete a group account in the system

COMMAND

Parameters:

SESSIONID	the session ID got from Login command
GROUPNAME	Name of the group to be deleted

Example:

```xml
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="delgroup">
            <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
            <GROUPNAME value="test group"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed
GROUPID	GUID of the group being deleted

GROUPNAME	Name of the group being deleted
DESCRIPTION	Descriptive message for the group being deleted
MEMBER_COUNT	Number of members (user or endpoint) in this group

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="delgroup">
            <RESULT value="0" />
            <GROUPID value="cd89a95c-66f6-4940-8429b3db504ddfbc" />
            <GROUPNAME value="test group" />
            <DESCRIPTION value="test group" />
            <MEMBER_COUNT value="3" />
        </CONFIRM>
    </DVCRMANAGER>
```

INDICATION

GROUPID	GUID of the group being deleted
GROUPNAME	Name of the group being deleted
DESCRIPTION	Descriptive message for the group being deleted
MEMBER_COUNT	Number of members (user or endpoint) in this group

Example

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <INDICATION xmlid="delgroup">
            <GROUPID value="cd89a95c-66f6-4940-8429b3db504ddfbc" />
            <GROUPNAME value="test group" />
            <DESCRIPTION value="test group" />
            <MEMBER_COUNT value="3" />
        </INDICATION>
    </DVCRMANAGER>
```

Recording Settings

Single Point Settings

GETSP

Description: Get single point recording settings
COMMAND
Parameters:

SESSIONID	the session ID got from Login command

Example:
```xml
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="getsp">
            <SESSIONID value="b60b2c6f-38d9-4ce1-9b2de63e23efc23b" />
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed
DUALVIDEO	H.239 recording options
	0: Do NOT record H.239 content
	1: Record H.239 content
IFRAMEINTERVAL	Forward / Backward interval in minutes
BROADCAST	Live streaming option
	0: Do NOT do live streaming while recording
	1: Do live streaming when recording
RECORDRIGHT	Recording right option
	0: Allow ALL endpoints to start a record task
	1: Allow ONLY endpoints in specified group list to start a record task
VIEWRIGHT	Default view rights option for the new recorded archives
	0: Deny ALL members to view the recorded archives
	1: Allow ALL member to view the recorded archive
	2: Allow ONLY members in the same group with the endpoint that recorded the archive to view the recorded archive
RECORDID	GUID of groups that have viewing right to the recorded archive when RECORDRIGHT=1
RECORDIDEXT	GUID and name of the groups that have viewing right to the recorded archive when RECORDRIGHT=1. This field is designed for Web UI.
NOTIN	GUID and name of the groups that DO NOT have viewing right to the recorded archive, when RECORDRIGHT=1. This field is designed for Web UI.

Example:
```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="getsp">
            <RESULT value="0" />
            <DUALVIDEO value="0" />
            <IFRAMEINTERVAL value="1" />
            <BROADCAST value="1" />
            <RECORDRIGHT value="1" />
            <VIEWRIGHT value="1" />
```

```
            <RECORDID value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" />
            <RECORDIDEXT value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" name="G1" />
            <NOTIN value="60e7013e-f48a-4dce-bdc6498f67f57d5b" name="Group 2" />
        </CONFIRM>
    </DVCRMANAGER>
```

SETSP

Description: Change single point recording settings

COMMAND

Parameters:

SESSIONID	the session ID got from Login command
DUALVIDEO	H.239 recording options 0: Do NOT record H.239 content 1: Record H.239 content
IFRAMEINTERVAL	Forward / Backward interval in minutes
BROADCAST	Live streaming option 0: NO live streaming while recording 1: Do live streaming when recording
RECORDRIGHT	Recording right option 0: Allow ALL endpoints to start a record task 1: Allow ONLY endpoints in specified group list to start a record task
VIEWRIGHT	Default view rights option for the new recorded archives 0: Deny ALL members to view the recorded archives 1: Allow ALL member to view the recorded archive 2: Allow ONLY members in the same group with the endpoint that recorded the archive to view the recorded archive
RECORDID	GUID of groups that have viewing right to the recorded archive when RECORDRIGHT=1

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
    <COMMAND xmlid="setsp">
        <SESSIONID value="9877425c-f0fd-4a7f-87f3294dae1c0b60" />
        <DUALVIDEO value = "0"/>
        <IFRAMEINTERVAL value = "1"/>
        <BROADCAST value = "1"/>
        <RECORDRIGHT value = "1"/>
        <VIEWRIGHT value = "1"/>
        <RECORDID value = "54dc25f9-b6ec-4a5e-abd122fb2ffc421e"/>
    </COMMAND></DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed
DUALVIDEO	H.239 recording options
	0: Do NOT record H.239 content
	1: Record H.239 content
IFRAMEINTERVAL	Forward / Backward interval in minutes
BROADCAST	Live streaming option
	0: NO live streaming while recording
	1: Do live streaming when recording
RECORDRIGHT	Recording right option
	0: Allow ALL endpoints to start a record task
	1: Allow ONLY endpoints in specified group list to start a record task
VIEWRIGHT	Default view rights option for the new recorded archives
	0: Deny ALL members to view the recorded archives
	1: Allow ALL member to view the recorded archive
	2: Allow ONLY members in the same group with the endpoint that recorded the archive to view the recorded archive
RECORDID	GUID of groups that have viewing right to the recorded archive when RECORDRIGHT=1

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="setsp">
            <RESULT value="0" />
            <DUALVIDEO value="0" />
            <IFRAMEINTERVAL value="1" />
            <BROADCAST value="1" />
            <RECORDRIGHT value="1" />
            <VIEWRIGHT value="1" />
            <RECORDID value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" />
            <RECORDIDEXT value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" name="G1" />
            <NOTIN value="60e7013e-f48a-4dce-bdc6498f67f57d5b" name="Group 2" />
        </CONFIRM>
    </DVCRMANAGER>
```

INDICATION

DUALVIDEO	H.239 recording options
	0: Do NOT record H.239 content
	1: Record H.239 content
IFRAMEINTERVAL	Forward / Backward interval in minutes
BROADCAST	Live streaming option
	0: NO live streaming while recording

	1: Do live streaming when recording
RECORDRIGHT	Recording right option
	0: Allow ALL endpoints to start a record task
	1: Allow ONLY endpoints in specified group list to start a record task
VIEWRIGHT	Default view rights option for the new recorded archives
	0: Deny ALL members to view the recorded archives
	1: Allow ALL member to view the recorded archive
	2: Allow ONLY members in the same group with the endpoint that recorded the archive to view the recorded archive
RECORDID	GUID of groups that have viewing right to the recorded archive when RECORDRIGHT=1

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <INDICATION xmlid="setsp">
            <DUALVIDEO value="0" />
            <IFRAMEINTERVAL value="1" />
            <BROADCAST value="1" />
            <RECORDRIGHT value="1" />
            <VIEWRIGHT value="1" />
            <RECORDID value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" />
            <RECORDIDEXT value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" name="G1" />
            <NOTIN value="60e7013e-f48a-4dce-bdc6498f67f57d5b" name="Group 2" />
        </INDICATION>
    </DVCRMANAGER>
```

Point to Point Settings

GETROOM

Description: Get Point-to-Point meeting room information

COMMAND

Parameters:

SESSIONID	the session ID got from Login command
INDEX (Optional)	Index of the meeting room

NOTE: To get specific Point-to-Point meeting room information, add an optional INDEX parameter to the command

Example 1 (Get general Point-to-Point meeting room information)

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="getroom">
```

```
        <SESSIONID value="9877425c-f0fd-4a7f-87f3294dae1c0b60" />
    </COMMAND>
  </DVCRMANAGER>
```
Example 2 (Get specific Point-to-Point meeting room information)
```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="getroom">
        <SESSIONID value="9877425c-f0fd-4a7f-87f3294dae1c0b60" />
        <INDEX value="0"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed
INDEX	Index of the meeting room
ROOM_ID	Name of the meeting room
ROOM_NUM	E.164 number (suffix) of the meeting room
DUALVIDEO	H.239 recording options
	0: NO H.239 content recorded for the meeting room
	1: Record H.239 content for the meeting room
H.239	Same as DUALVIDEO field
BROADCAST	Live streaming option
	0: NO live streaming while recording
	1: Do live streaming when recording
RATE	Video encoding rate
PARTINOW	Number of endpoints currently in the meeting room
PARTIMAX	Maximum number of endpoints that can join in the meeting room
STATUS_INDEX	Index of the status
	0: idle
	1: recording
	2: recording pause
	8: streaming without recording
STATUS	Status information in text. This field is the text message for STATUS_INDEX field
RECORDRIGHT	Access rights option of the meeting room
	0: Allow ALL endpoint join the meeting room
	1: Allow ONLY specified groups of endpoint to join the meeting room
VIEWRIGHT	Default view rights option for the new recorded archives by the meeting room
	0: Deny ALL members to view the recorded archive of the meeting room

	1: Allow ANY member to view the recorded archive
	2: Allow only specified groups of user/endpoint to view the recorded archive
IFRAMEINTERVAL	Forward / Backward interval in minutes
VIDEO_FORMAT	Video protocol of the meeting room
	0: H.261
	1: H.263
	2: H.263+
	3: H.264
Optional field for specific Point-to-Point information	
RECORDID	GUID of groups that HAVE access right to the recorded archive
RECORDIDEXT	GUID and name of groups that have access right to the meeting room. This field is designed for Web UI.
NOTIN_REC	GUID and name of groups that DO NOT have access right. This field is designed for Web UI.
VIEWID	GUID of groups that HAVE viewing right to the recorded archive
VIEWIDEXT	GUID and name of groups that HAVE viewing right to the recorded archive. This field is designed for Web UI.
NOTIN_VIEW	GUID of groups that DO NOT have view right This field is designed for Web UI.

Example 1 (General Point-to-Point information. There may be multiple confirms)

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="getroom">
            <RESULT value="0" />
            <INDEX value="0" />
            <ROOM_ID value="H239" />
            <ROOM_NUM value="1002" />
            <DUALVIDEO value="1" />
            <H239 value="1" />
            <BROADCAST value="1" />
            <RATE value="768" />
            <PARTINOW value="0" />
            <PARTIMAX value="2" />
            <STATUS_INDEX value="0" />
            <STATUS value="Menu" />
            <RECORDRIGHT value="0" />
            <VIEWRIGHT value="1" />
            <IFRAMEINTERVAL value="1" />
            <VIDEO_FORMAT value="3" />
        </CONFIRM>
        <CONFIRM xmlid="getroom">
            <RESULT value="0" />
            <INDEX value="1" />
```

```xml
            <ROOM_ID value="Room1" />
            <ROOM_NUM value="1001" />
            <DUALVIDEO value="0" />
            <H239 value="0" />
            <BROADCAST value="0" />
            <RATE value="768" />
            <PARTINOW value="0" />
            <PARTIMAX value="2" />
            <STATUS_INDEX value="0" />
            <STATUS value="Menu" />
            <RECORDRIGHT value="0" />
            <VIEWRIGHT value="1" />
            <IFRAMEINTERVAL value="1" />
            <VIDEO_FORMAT value="3" />
        </CONFIRM>
    </DVCRMANAGER>
```

Example 2 (Specific Point-to-Point meeting room information)

```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="getroom">
            <RESULT value="0" />
            <INDEX value="0" />
            <ROOM_ID value="H239" />
            <ROOM_NUM value="1002" />
            <DUALVIDEO value="1" />
            <H239 value="1" />
            <BROADCAST value="1" />
            <RATE value="768" />
            <PARTINOW value="0" />
            <PARTIMAX value="2" />
            <STATUS_INDEX value="0" />
            <STATUS value="Menu" />
            <RECORDRIGHT value="1" />
            <VIEWRIGHT value="1" />
            <IFRAMEINTERVAL value="1" />
            <VIDEO_FORMAT value="0" />
            <RECORDID value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" />
            <RECORDIDEXT value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" name="G1" />
            <NOTIN_REC value="60e7013e-f48a-4dce-bdc6498f67f57d5b" name="G2" />
            <VIEWID value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" />
            <VIEWIDEXT value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" name="G1" />
            <NOTIN_VIEW value="60e7013e-f48a-4dce-bdc6498f67f57d5b" name="G2" />
        </CONFIRM>
```

</DVCRMANAGER>

MODROOM

Description: Modify Point-to-Point meeting room information

COMMAND

Parameters:

SESSIONID	the session ID got from Login command
ROOM_ID	Name of the meeting room
INDEX	Index of the meeting room
RATE	Video encoding rate

VIDEO_FORMAT	Video protocol of the meeting room
	
	    0: H.261
	    1: H.263
	    2: H.263+
	    3: H.264

ROOM_NUM	E.164 number (suffix) of the meeting room

DUALVIDEO	H.239 recording options
	
	    0: NO H.239 content recorded for the meeting room
	    1: Record H.239 content for the meeting room

IFRAMEINTERVAL	Forward / Backward interval in minutes

BROADCAST	Live streaming option
	
	    0: NO live streaming while recording
	    1: Do live streaming when recording

VIEWRIGHT	Default view rights option for the new recorded archives by the meeting room
	
	    0: Deny ALL members to view the recorded archive of the meeting room
	    1: Allow ANY member to view the recorded archive
	    2: Allow only specified groups of user/endpoint to view the recorded archive

RECORDRIGHT	Access rights option of the meeting room
	
	    0: Allow ALL endpoint join the meeting room
	    1: Allow ONLY specified groups of endpoint to join the meeting room

RECORDID	GUID of groups that HAVE access right to the recorded archive
VIEWID	GUID of groups that HAVE viewing right to the recorded archive

Example:

<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="modroom">
            <SESSIONID value="9877425c-f0fd-4a7f-87f3294dae1c0b60" />

```
                    <ROOM_ID value = "H239"/>
                    <INDEX value="0"/>
                    <RATE value = "768"/>
                    <VIDEO_FORMAT value = "0"/>
                    <ROOM_NUM value = "1002"/>
                    <DUALVIDEO value = "1"/>
                    <IFRAMEINTERVAL value = "1"/>
                    <BROADCAST value = "1"/>
                    <VIEWRIGHT value = "1"/>
                    <RECORDRIGHT value = "1"/>
                    <RECORDID value = "54dc25f9-b6ec-4a5e-abd122fb2ffc421e"/>
                    <VIEWID value = "54dc25f9-b6ec-4a5e-abd122fb2ffc421e"/>
             </COMMAND>
        </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed
INDEX	Index of the meeting room
ROOM_ID	Name of the meeting room
ROOM_NUM	E.164 number (suffix) of the meeting room
DUALVIDEO	H.239 recording options
	0: NO H.239 content recorded for the meeting room
	1: Record H.239 content for the meeting room
H.239	Same as DUALVIDEO field
BROADCAST	Live streaming option
	0: NO live streaming while recording
	1: Do live streaming when recording
RATE	Video encoding rate
PARTINOW	Number of endpoints currently in the meeting room
PARTIMAX	Maximum number of endpoints that can join in the meeting room
STATUS_INDEX	Index of the status
	0: idle
	1: recording
	2: recording pause
	8: streaming without recording
STATUS	Status information in text. This field is the text message for STATUS_INDEX field
RECORDRIGHT	Access rights option of the meeting room
	0: Allow ALL endpoint join the meeting room
	1: Allow ONLY specified groups of endpoint to join the meeting room
VIEWRIGHT	Default view rights option for the new recorded archives by the meeting room

	0: Deny ALL members to view the recorded archive of the meeting room 1: Allow ANY member to view the recorded archive 2: Allow only specified groups of user/endpoint to view the recorded archive
IFRAMEINTERVAL	Forward / Backward interval in minutes
VIDEO_FORMAT	Video protocol of the meeting room 0: H.261 1: H.263 2: H.263+ 3: H.264
RECORDID	GUID of groups that HAVE access right to the recorded archive
RECORDIDEXT	GUID and name of groups that have access right to the meeting room. This field is designed for Web UI.
NOTIN_REC	GUID and name of groups that DO NOT have access right. This field is designed for Web UI.
VIEWID	GUID of groups that HAVE viewing right to the recorded archive
VIEWIDEXT	GUID and name of groups that HAVE viewing right to the recorded archive. This field is designed for Web UI.
NOTIN_VIEW	GUID of groups that DO NOT have view right This field is designed for Web UI.

Example:

```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="modroom">
            <RESULT value="0" />
            <INDEX value="0" />
            <ROOM_ID value="H239" />
            <ROOM_NUM value="1002" />
            <DUALVIDEO value="1" />
            <H239 value="1" />
            <BROADCAST value="1" />
            <RATE value="768" />
            <PARTINOW value="0" />
            <PARTIMAX value="0" />
            <STATUS_INDEX value="0" />
            <STATUS value="Menu" />
            <RECORDRIGHT value="1" />
            <VIEWRIGHT value="1" />
            <IFRAMEINTERVAL value="1" />
            <VIDEO_FORMAT value="0" />
            <RECORDID value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" />
            <RECORDIDEXT value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" name="G1" />
            <NOTIN_REC value="60e7013e-f48a-4dce-bdc6498f67f57d5b" name="G2" />
```

<VIEWID value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" />
<VIEWIDEXT value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" name="G1" />
<NOTIN_VIEW value="60e7013e-f48a-4dce-bdc6498f67f57d5b" name="G2" />
</CONFIRM>
</DVCRMANAGER>

INDICATION

INDEX	Index of the meeting room
ROOM_ID	Name of the meeting room
ROOM_NUM	E.164 number (suffix) of the meeting room
DUALVIDEO	H.239 recording options 0: NO H.239 content recorded for the meeting room 1: Record H.239 content for the meeting room
H.239	Same as DUALVIDEO field
BROADCAST	Live streaming option 0: NO live streaming while recording 1: Do live streaming when recording
RATE	Video encoding rate
PARTINOW	Number of endpoints currently in the meeting room
PARTIMAX	Maximum number of endpoints that can join in the meeting room
STATUS_INDEX	Index of the status 0: idle 1: recording 2: recording pause 8: streaming without recording
STATUS	Status information in text. This field is the text message for STATUS_INDEX field
RECORDRIGHT	Access rights option of the meeting room 0: Allow ALL endpoint join the meeting room 1: Allow ONLY specified groups of endpoint to join the meeting room
VIEWRIGHT	Default view rights option for the new recorded archives by the meeting room 0: Deny ALL members to view the recorded archive of the meeting room 1: Allow ANY member to view the recorded archive 2: Allow only specified groups of user/endpoint to view the recorded archive
IFRAMEINTERVAL	Forward / Backward interval in minutes
VIDEO_FORMAT	Video protocol of the meeting room 0: H.261 1: H.263 2: H.263+ 3: H.264
RECORDID	GUID of groups that HAVE access right to the recorded archive

RECORDIDEXT	GUID and name of groups that have access right to the meeting room. This field is designed for Web UI.
NOTIN_REC	GUID and name of groups that DO NOT have access right. This field is designed for Web UI.
VIEWID	GUID of groups that HAVE viewing right to the recorded archive
VIEWIDEXT	GUID and name of groups that HAVE viewing right to the recorded archive. This field is designed for Web UI.
NOTIN_VIEW	GUID of groups that DO NOT have view right This field is designed for Web UI.

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <INDICATION xmlid="modroom">
            <INDEX value="0" />
            <ROOM_ID value="H239" />
            <ROOM_NUM value="1002" />
            <DUALVIDEO value="1" />
            <H239 value="1" />
            <BROADCAST value="1" />
            <RATE value="768" />
            <PARTINOW value="0" />
            <PARTIMAX value="0" />
            <STATUS_INDEX value="0" />
            <STATUS value="Menu" />
            <RECORDRIGHT value="1" />
            <VIEWRIGHT value="1" />
            <IFRAMEINTERVAL value="1" />
            <VIDEO_FORMAT value="0" />
            <RECORDID value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" />
            <RECORDIDEXT value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" name="G1" />
            <NOTIN_REC value="60e7013e-f48a-4dce-bdc6498f67f57d5b" name="G2" />
            <VIEWID value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" />
            <VIEWIDEXT value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" name="G1" />
            <NOTIN_VIEW value="60e7013e-f48a-4dce-bdc6498f67f57d5b" name="G2" />
        </INDICATION>
    </DVCRMANAGER>
```

ADDROOM

Description: Add a Point-to-Point meeting room

COMMAND

Parameters:

SESSIONID	the session ID got from Login command
ROOM_ID	Name of the meeting room
INDEX	Index of the meeting room, not used here
RATE	Video encoding rate

VIDEO_FORMAT	Video protocol of the meeting room
	    0: H.261
	    1: H.263
	    2: H.263+
	    3: H.264

ROOM_NUM	E.164 number (suffix) of the meeting room

DUALVIDEO	H.239 recording options
	    0: NO H.239 content recorded for the meeting room
	    1: Record H.239 content for the meeting room

IFRAMEINTERVAL	Forward / Backward interval in minutes

BROADCAST	Live streaming option
	    0: NO live streaming while recording
	    1: Do live streaming when recording

VIEWRIGHT	Default view rights option for the new recorded archives by the meeting room
	    0: Deny ALL members to view the recorded archive of the meeting room
	    1: Allow ANY member to view the recorded archive
	    2: Allow only specified groups of user/endpoint to view the recorded archive

RECORDRIGHT	Access rights option of the meeting room
	    0: Allow ALL endpoint join the meeting room
	    1: Allow ONLY specified groups of endpoint to join the meeting room

RECORDID	GUID of groups that HAVE access right to the recorded archive
VIEWID	GUID of groups that HAVE viewing right to the recorded archive

Example:
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="addroom">
            <SESSIONID value="9877425c-f0fd-4a7f-87f3294dae1c0b60" />
            <ROOM_ID value = "ROOM3"/>
            <INDEX value=""/>
            <RATE value = "768"/>
            <VIDEO_FORMAT value = "0"/>
            <ROOM_NUM value = "1801"/>
            <DUALVIDEO value = "1"/>
            <IFRAMEINTERVAL value = "1"/>
            <BROADCAST value = "0"/>
            <VIEWRIGHT value = "0"/>

```
            <RECORDRIGHT value = "1"/>
            <RECORDID value = "60e7013e-f48a-4dce-bdc6498f67f57d5b"/>
            <VIEWID value = "54dc25f9-b6ec-4a5e-abd122fb2ffc421e"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed
INDEX	Index of the meeting room
ROOM_ID	Name of the meeting room
ROOM_NUM	E.164 number (suffix) of the meeting room
DUALVIDEO	H.239 recording options
	0: NO H.239 content recorded for the meeting room
	1: Record H.239 content for the meeting room
H.239	Same as DUALVIDEO field
BROADCAST	Live streaming option
	0: NO live streaming while recording
	1: Do live streaming when recording
RATE	Video encoding rate
PARTINOW	Number of endpoints currently in the meeting room
PARTIMAX	Maximum number of endpoints that can join in the meeting room
STATUS_INDEX	Index of the status
	0: idle
	1: recording
	2: recording pause
	8: streaming without recording
STATUS	Status information in text. This field is the text message for STATUS_INDEX field
RECORDRIGHT	Access rights option of the meeting room
	0: Allow ALL endpoint join the meeting room
	1: Allow ONLY specified groups of endpoint to join the meeting room
VIEWRIGHT	Default view rights option for the new recorded archives by the meeting room
	0: Deny ALL members to view the recorded archive of the meeting room
	1: Allow ANY member to view the recorded archive
	2: Allow only specified groups of user/endpoint to view the recorded archive
IFRAMEINTERVAL	Forward / Backward interval in minutes
VIDEO_FORMAT	Video protocol of the meeting room
	0: H.261
	1: H.263

	2: H.263+ 3: H.264
RECORDID	GUID of groups that HAVE access right to the recorded archive
RECORDIDEXT	GUID and name of groups that have access right to the meeting room. This field is designed for Web UI.
NOTIN_REC	GUID and name of groups that DO NOT have access right. This field is designed for Web UI.
VIEWID	GUID of groups that HAVE viewing right to the recorded archive
VIEWIDEXT	GUID and name of groups that HAVE viewing right to the recorded archive. This field is designed for Web UI.
NOTIN_VIEW	GUID of groups that DO NOT have view right This field is designed for Web UI.

Example:

```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="addroom">
            <RESULT value="0" />
            <INDEX value="0" />
            <ROOM_ID value="ROOM3" />
            <ROOM_NUM value="1801" />
            <DUALVIDEO value="1" />
            <H239 value="1" />
            <BROADCAST value="0" />
            <RATE value="768" />
            <PARTINOW value="0" />
            <PARTIMAX value="0" />
            <STATUS_INDEX value="0" />
            <STATUS value="Menu" />
            <RECORDRIGHT value="1" />
            <VIEWRIGHT value="0" />
            <IFRAMEINTERVAL value="1" />
            <VIDEO_FORMAT value="0" />
            <NOTIN_REC value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" name="G1" />
            <NOTIN_REC value="60e7013e-f48a-4dce-bdc6498f67f57d5b" name="G2" />
            <NOTIN_VIEW value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" name="G1" />
            <NOTIN_VIEW value="60e7013e-f48a-4dce-bdc6498f67f57d5b" name="G2" />
        </CONFIRM>
    </DVCRMANAGER>
```

INDICATION

INDEX	Index of the meeting room
ROOM_ID	Name of the meeting room
ROOM_NUM	E.164 number (suffix) of the meeting room
DUALVIDEO	H.239 recording options

	0: NO H.239 content recorded for the meeting room
	1: Record H.239 content for the meeting room
H.239	Same as DUALVIDEO field
BROADCAST	Live streaming option
	0: NO live streaming while recording
	1: Do live streaming when recording
RATE	Video encoding rate
PARTINOW	Number of endpoints currently in the meeting room
PARTIMAX	Maximum number of endpoints that can join in the meeting room
STATUS_INDEX	Index of the status
	0: idle
	1: recording
	2: recording pause
	8: streaming without recording
STATUS	Status information in text. This field is the text message for STATUS_INDEX field
RECORDRIGHT	Access rights option of the meeting room
	0: Allow ALL endpoint join the meeting room
	1: Allow ONLY specified groups of endpoint to join the meeting room
VIEWRIGHT	Default view rights option for the new recorded archives by the meeting room
	0: Deny ALL members to view the recorded archive of the meeting room
	1: Allow ANY member to view the recorded archive
	2: Allow only specified groups of user/endpoint to view the recorded archive
IFRAMEINTERVAL	Forward / Backward interval in minutes
VIDEO_FORMAT	Video protocol of the meeting room
	0: H.261
	1: H.263
	2: H.263+
	3: H.264
RECORDID	GUID of groups that HAVE access right to the recorded archive
RECORDIDEXT	GUID and name of groups that have access right to the meeting room. This field is designed for Web UI.
NOTIN_REC	GUID and name of groups that DO NOT have access right. This field is designed for Web UI.
VIEWID	GUID of groups that HAVE viewing right to the recorded archive
VIEWIDEXT	GUID and name of groups that HAVE viewing right to the recorded archive. This field is designed for Web UI.
NOTIN_VIEW	GUID of groups that DO NOT have view right This field is designed for Web UI.

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
```

```
<DVCRMANAGER version="1.0.0.0">
    <INDICATION xmlid="addroom">
        <INDEX value="0" />
        <ROOM_ID value="ROOM3" />
        <ROOM_NUM value="1801" />
        <DUALVIDEO value="1" />
        <H239 value="1" />
        <BROADCAST value="0" />
        <RATE value="768" />
        <PARTINOW value="0" />
        <PARTIMAX value="0" />
        <STATUS_INDEX value="0" />
        <STATUS value="Menu" />
        <RECORDRIGHT value="1" />
        <VIEWRIGHT value="0" />
        <IFRAMEINTERVAL value="1" />
        <VIDEO_FORMAT value="0" />
        <NOTIN_REC value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" name="G1" />
        <NOTIN_REC value="60e7013e-f48a-4dce-bdc6498f67f57d5b" name="G2" />
        <NOTIN_VIEW value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" name="G1" />
        <NOTIN_VIEW value="60e7013e-f48a-4dce-bdc6498f67f57d5b" name="G2" />
    </INDICATION>
</DVCRMANAGER>
```

DELROOM

Description: Delete a Point-to-Point meeting room

COMMAND

Parameters:

SESSIONID	the session ID got from Login command
INDEX	Index of the meeting room to be deleted

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="delroom">
            <SESSIONID value="9877425c-f0fd-4a7f-87f3294dae1c0b60" />
            <INDEX value="2"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded

	1: Command failed
DESCRIPTION	Description message if the command failed
INDEX	Index of the meeting room being deleted

Example:

```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="delroom">
            <RESULT value="0" />
            <INDEX value="2" />
        </CONFIRM>
    </DVCRMANAGER>
```

INDICATION

INDEX	Index of the meeting room being deleted

Example:

```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <INDICATION xmlid="delroom">
            <INDEX value="2" />
        </INDICATION>
    </DVCRMANAGER>
```

GETALLGROUP

Description: Get all group information. This command is designed for Web UI.

COMMAND

Parameters:

SESSIONID	the session ID got from Login command

Example:

```xml
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="getallgroup">
            <SESSIONID value="9877425c-f0fd-4a7f-87f3294dae1c0b60" />
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed
GROUP	GUID and name of each group

Example:

```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="getallgroup">
            <RESULT value="0" />
            <GROUP value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" name="Group1" />
            <GROUP value="60e7013e-f48a-4dce-bdc6498f67f57d5b" name="Group 2" />
        </CONFIRM>
    </DVCRMANAGER>
```

Dial out and Record

STARTQUICKRECORD

Description: Start a dial out and record task (from Web UI)

COMMAND

Parameters:

SESSIONID	the session ID got from Login command
IP_NUM	IP address or E.164/H.323 alias of the destination address
RATE	Connection bandwidth to be used

DUALVIDEO	H.239 recording options
	    0: Do NOT record H.239 content
	    1: Record H.239 content

IFRAMEINTERVAL	Forward / Backward interval in minutes

BROADCAST	Live streaming option
	    0: NO live streaming while recording
	    1: Do live streaming when recording

VIEWRIGHT	Default view rights option for the new recorded archives
	    0: Deny ALL members to view the recorded archive
	    1: Allow ANY member to view the recorded archive
	    2: Allow only specified groups of user/endpoint to view the recorded archive

VIEWID	GUID of groups that HAVE viewing right to the recorded archive
REFERENCEID	Reference ID used by 3rd party software (Media Publisher RSS2000 Manager). This is a string with maximum length 30 characters

Example:

```xml
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="startquickrecord">
            <SESSIONID value="9877425c-f0fd-4a7f-87f3294dae1c0b60" />
            <IP_NUM value="172.21.120.153"/>
            <RATE value="384"/>
            <DUALVIDEO value="1"/>
```

```
                    <IFRAMEINTERVAL value="1"/>
                    <BROADCAST value="0"/>
                    <VIEWRIGHT value = "1"/>
                    <VIEWID value = "54dc25f9-b6ec-4a5e-abd122fb2ffc421e"/>
                    <REFERENCEID value = "123456789abcdefg"/>
                </COMMAND>
            </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded 1: Command failed
DESCRIPTION	Description message if the command failed
INDEX	Index of the endpoint link
ROOM_ID	Destination address
ROOM_NUM	Not used

DUALVIDEO	H.239 recording options
	   0: NO H.239 content recorded for the meeting room
	   1: Record H.239 content for the meeting room

H.239	Same as DUALVIDEO field

BROADCAST	Live streaming option
	   0: NO live streaming while recording
	   1: Do live streaming when recording

RATE	Video encoding rate
PARTINOW	Not used here.
PARTIMAX	Not used here.

STATUS_INDEX	Index of the status
	   0: idle
	   1: recording
	   2: recording pause
	   8: streaming without recording

STATUS	Status information in text. This field is the text message for STATUS_INDEX field

RECORDRIGHT	Access rights option of the meeting room
	   0: Allow ALL endpoint join the meeting room
	   1: Allow ONLY specified groups of endpoint to join the meeting room

VIEWRIGHT	Default view rights option for the new recorded archives by the meeting room
	   0: Deny ALL members to view the recorded archive of the meeting room
	   1: Allow ANY member to view the recorded archive
	   2: Allow only specified groups of user/endpoint to view the recorded archive

IFRAMEINTERVAL	Forward / Backward interval in minutes
VIDEO_FORMAT	Video protocol of the meeting room

	0: H.261 1: H.263 2: H.263+ 3: H.264
NOTIN_REC	GUID and name of groups that DO NOT have access right. This field is designed for Web UI.
VIEWID	GUID of groups that HAVE viewing right to the recorded archive
VIEWIDEXT	GUID and name of groups that HAVE viewing right to the recorded archive. This field is designed for Web UI.
NOTIN_VIEW	GUID of groups that DO NOT have view right This field is designed for Web UI.
REFERENCEID	Reference ID used by 3rd party software (Media Publisher RSS2000 Manager). This is a string with maximum length 30 characters

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="startquickrecord">
            <RESULT value="0" />
            <INDEX value="0" />
            <ROOM_ID value="172.21.120.153" />
            <ROOM_NUM value="" />
            <DUALVIDEO value="1" />
            <H239 value="1" />
            <BROADCAST value="0" />
            <RATE value="384" />
            <PARTINOW value="0" />
            <PARTIMAX value="0" />
            <STATUS_INDEX value="0" />
            <STATUS value="Menu" />
            <RECORDRIGHT value="0" />
            <VIEWRIGHT value="1" />
            <IFRAMEINTERVAL value="1" />
            <VIDEO_FORMAT value="0" />
            <NOTIN_REC value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" name="G1" />
            <NOTIN_REC value="60e7013e-f48a-4dce-bdc6498f67f57d5b" name="G2" />
            <VIEWID value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" />
            <VIEWIDEXT value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" name="G1" />
            <NOTIN_VIEW  value="60e7013e-f48a-4dce-bdc6498f67f57d5b"  name="G2" />
            <REFERENCEID value = "123456789abcdefg"/>
        </CONFIRM>
    </DVCRMANAGER>
```

INDICATION

INDEX	Index of the endpoint link

ROOM_ID	Destination address
ROOM_NUM	Not used

DUALVIDEO	H.239 recording options
	    0: NO H.239 content recorded for the meeting room
	    1: Record H.239 content for the meeting room

H.239	Same as DUALVIDEO field

BROADCAST	Live streaming option
	    0: NO live streaming while recording
	    1: Do live streaming when recording

RATE	Video encoding rate
PARTINOW	Not used here.
PARTIMAX	Not used here.

STATUS_INDEX	Index of the status
	    0: idle
	    1: recording
	    2: recording pause
	    8: streaming without recording

STATUS	Status information in text. This field is the text message for STATUS_INDEX field

RECORDRIGHT	Access rights option of the meeting room
	    0: Allow ALL endpoint join the meeting room
	    1: Allow ONLY specified groups of endpoint to join the meeting room

VIEWRIGHT	Default view rights option for the new recorded archives by the meeting room
	    0: Deny ALL members to view the recorded archive of the meeting room
	    1: Allow ANY member to view the recorded archive
	    2: Allow only specified groups of user/endpoint to view the recorded archive

IFRAMEINTERVAL	Forward / Backward interval in minutes

VIDEO_FORMAT	Video protocol of the meeting room
	    0: H.261
	    1: H.263
	    2: H.263+
	    3: H.264

NOTIN_REC	GUID and name of groups that DO NOT have access right. This field is designed for Web UI.
VIEWID	GUID of groups that HAVE viewing right to the recorded archive
VIEWIDEXT	GUID and name of groups that HAVE viewing right to the recorded archive. This field is designed for Web UI.
NOTIN_VIEW	GUID of groups that DO NOT have view right This field is designed for Web UI.
REFERENCEID	Reference ID used by 3rd party software (Media Publisher RSS2000 Manager). This is a string with maximum length 30 characters

Example:
```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <INDICATION xmlid="startquickrecord">
            <INDEX value="0" />
            <ROOM_ID value="172.21.120.153" />
            <ROOM_NUM value="" />
            <DUALVIDEO value="1" />
            <H239 value="1" />
            <BROADCAST value="0" />
            <RATE value="384" />
            <PARTINOW value="0" />
            <PARTIMAX value="0" />
            <STATUS_INDEX value="0" />
            <STATUS value="Menu" />
            <RECORDRIGHT value="0" />
            <VIEWRIGHT value="1" />
            <IFRAMEINTERVAL value="1" />
            <VIDEO_FORMAT value="0" />
            <NOTIN_REC value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" name="G1" />
            <NOTIN_REC value="60e7013e-f48a-4dce-bdc6498f67f57d5b" name="G2" />
            <VIEWID value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" />
            <VIEWIDEXT value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" name="G1" />
            <NOTIN_VIEW value="60e7013e-f48a-4dce-bdc6498f67f57d5b" name="G2" />
            <REFERENCEID value = "123456789abcdefg"/>
        </INDICATION>
    </DVCRMANAGER>
```

Archives / Live Streaming

GETLISTINFO

Description: Get number of archive and live streaming. To get media information, it is suggested to use GETLISTINFO command first to get number of archives and live streaming on the RSS 2000 server, and then use GETMEDIAINO command to get more detailed information.

COMMAND
Parameters:

SESSIONID	the session ID got from Login command
LANG	
SEARCH	Search content name

LIBMEDIA	Must set to 1

Example:

```xml
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="getlistinfo">
            <LANG value="en" />
            <SESSIONID value="cb8dc763-5740-4c33-b863655fbaa8ce44" />
            <SEARCH value=""/>
            <LIBMEDIA value="1"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed
LIBLIST	Number of archives in the system
BROADLIST _ID	Number of live streaming currently on the system

Example:

```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="getlistinfo">
            <RESULT value="0" />
            <LIBLIST value="15" />
            <BROADLIST value="0" />
        </CONFIRM>
    </DVCRMANAGER>
```

GETMEDIAINFO

Description: Get media (archive or live streaming) information

COMMAND

Parameters:

SESSIONID	the session ID got from Login command
CATALOG	Media type
	0: Archive
	1: Live streaming
START	Starting index of the media
END	Ending index of the media
SORT	0:sort by date
	1:sort by duration
	2:sort by name

	3:sort by server 4:sort by video 5:sort by size 6:sort by rate 7:sort by h239
CONF_ID (Optional)	GUID of a specific media

NOTE: To get general media information, use START and END parameter. To get specific media information, use CONF_ID parameter.

Example 1 (Get general media information)
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="getmediainfo">
            <SESSIONID value="9877425c-f0fd-4a7f-87f3294dae1c0b60" />
            <CATALOG value="0"/>
            <START value="0"/>
            <END value="9"/>
            <SORT value="0"/>
        </COMMAND>
    </DVCRMANAGER>

Example 2 (Get specific media information)
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="getmediainfo">
            <CATALOG value="0"/>
            <SESSIONID value="9877425c-f0fd-4a7f-87f3294dae1c0b60" />
            <CONF_ID value="a3c25718-0f7f-4bac-91fe9ef0d57cc453"/>
        </COMMAND>
</DVCRMANAGER>

      CONFIRM

RESULT	0: Command succeeded 1: Command failed
DESCRIPTION	Description message if the command failed
CONF_ID	An unique GUID for this archive
NAME	Name of the archive
DESCRIPTION	Detail description of the archive
REC_TIME	Date and time when the archive recorded
DURATION	Time duration of the archive
SIZE	Size of the archive file, in KB
RATE	Video/Audio rate of the connection bandwidth
H239	H.239 content option 0: The archive has no H.239 content

	1: The archive has H.239 content
URL	For archive, this is the path of the archive, which can be used for HTTP download For live streaming, this is the port number for the broadcasting
VIDEO_FORMAT	Video format of the archive
EMAIL_LINK	Reserved for Web UI

CATALOG	Media type
	  0: Archive
	  1: Live streaming

UPLOAD	For archive , this is the flag indicating whether the archive has been backup or not.
	  0: The archive HAS NOT been automatically backup to FTP server
	  1: The archive HAS been backup

REFERENCEID	Reference ID used by 3rd party software (Media Publisher RSS2000 Manager). This is a string with maximum length 30 characters
Optional Field for specific media information	

ACCESSTYPE	View rights for this archive.
	  0: Deny All
	  1: Allow All
	  2: All specified groups in list

DENY_AUTO_DELETE	Automatic cleanup option
	  0: The archive can be automatically deleted
	  1: Never automatically delete the archive

PIN	PIN code for endpoint(H.323) playback protection
ACCESSID	GUID of groups that have viewing right for the archive if ACCESSTYPE=2
ACCESSIDEXT	GUID and name of groups that have viewing right for the archive if ACCESSTYPE=2. This field is designed for Web UI.
NOTIN	GUID and name of groups that DO NOT have viewing right for the archive. This field is designed for Web UI.
QUICKCODE	Quick access code for H.323 fast playback. It's a 6 digit string.
SERVER	IP address of the server having the archive

Example 1 (General media information. NOTE: There may be multiple confirms)

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="getmediainfo">
            <RESULT value="0" />
            <CONF_ID value="bcc09f0b-a052-4a2a-a3121ac88dfb955c" />
            <NAME value="H239_JUN_15_2006_22:15" />
            <DESCRIPTION value="H239_JUN_15_2006_22:15" />
            <REC_TIME value="Jun 15,2006 22:15:35" />
            <DURATION value="00:07:33" />
            <SIZE value="35005" />
```

```xml
            <RATE value="768" />
            <H239 value="1" />
            <URL value="H239_JUN_15_2006_22_15_bcc09f0b_WMV.asf" />
            <VIDEO_FORMAT value="H.264" />
            <EMAIL_LINK value="H239_JUN_15_2006_22_15_bcc09f0b_WMV.asf" />
            <CATALOG value="0" />
            <UPLOAD value="0" />
            <SERVER value="172.21.99.43" />
            <REFERENCEID value = "123456789abcdefg"/>
        </CONFIRM>
        <CONFIRM xmlid="getmediainfo">
            <RESULT value="0" />
            <CONF_ID value="4e9b070b-60a5-4430-820bab0afe6384d8" />
            <NAME value="DST 6000_JUN_15_2006_22:13" />
            <DESCRIPTION value="DST 6000_JUN_15_2006_22:13" />
            <REC_TIME value="Jun 15,2006 22:13:24" />
            <DURATION value="00:01:54" />
            <SIZE value="11202" />
            <RATE value="768" />
            <H239 value="1" />
            <URL value="DST_6000_JUN_15_2006_22_13_4e9b070b_WMV.asf" />
            <VIDEO_FORMAT value="H.264" />
            <EMAIL_LINK value="DST_6000_JUN_15_2006_22_1_4e9b070b_WMV.asf" />
            <CATALOG value="0" />
            <UPLOAD value="0" />
            <REFERENCEID value = "123456789abcdefg"/>
        </CONFIRM>
    </DVCRMANAGER>

Example 2 (Specific media information)
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="getmediainfo">
            <RESULT value="0" />
            <CONF_ID value="bcc09f0b-a052-4a2a-a3121ac88dfb955c" />
            <NAME value="H239_JUN_15_2006_22:15" />
            <DESCRIPTION value="H239_JUN_15_2006_22:15" />
            <REC_TIME value="Jun 15,2006 22:15:35" />
            <DURATION value="00:07:33" />
            <SIZE value="35005" />
            <RATE value="768" />
            <H239 value="1" />
            <URL value="H239_JUN_15_2006_22_15_bcc09f0b_WMV.asf" />
            <VIDEO_FORMAT value="H.264" />
```

```
<EMAIL_LINK value="H239_JUN_15_2006_22_15_bcc09f0b_WMV.asf" />
<CATALOG value="0" />
<UPLOAD value="0" />
<ACCESSTYPE value="1" />
<DENY_AUTO_DELETE value="1" />
<PIN value="" />
<ACCESSID value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" />
<ACCESSIDEXT                    value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e"
name="Group1" />
<NOTIN value="60e7013e-f48a-4dce-bdc6498f67f57d5b" name="Group 2" />
<REFERENCEID value = "123456789abcdefg"/>
<QUICKCODE value = "000001"/>
    </CONFIRM>
</DVCRMANAGER>
```

DELMEDIAINFO

Description: Delete an archive

COMMAND

Parameters:

SESSIONID	the session ID got from Login command
CONF_ID	GUID of the media to be deleted
TYPE	Media type
	0: Archive
	1: Live streaming

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="delmediainfo">
            <SESSIONID value="9877425c-f0fd-4a7f-87f3294dae1c0b60" />
            <CONF_ID value="bcc09f0b-a052-4a2a-a3121ac88dfb955c"/>
            <TYPE value="0"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed
CONF_ID	GUID of the media being deleted
CATALOG	Media type
	0: Archive
	1: Live streaming

Example:
```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="delmediainfo">
            <RESULT value="0" />
            <CONF_ID value="bcc09f0b-a052-4a2a-a3121ac88dfb955c" />
            <CATALOG value="0" />
        </CONFIRM>
    </DVCRMANAGER>
```

INDICATION

CONF_ID	GUID of the media being deleted
CATALOG	Media type 0: Archive 1: Live streaming

Example:
```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <INDICATION xmlid="delmediainfo">
            <CONF_ID value="bcc09f0b-a052-4a2a-a3121ac88dfb955c" />
            <CATALOG value="0" />
        </INDICATION>
    </DVCRMANAGER>
```

SETMEDIAINFO

Description: Modify an archive information

COMMAND

Parameters:

SESSIONID	the session ID got from Login command
CONF_ID	GUID of the archive to be modified
NAME	New name of the archive
DESCRIPTION	New detail description of the archive
ACCESSTYPE	View rights for this archive. 0: Deny All 1: Allow All 2: All specified groups in list
DENY_AUTO_DELETE	Automatic cleanup option 0: The archive can be automatically deleted 1: Never automatically delete the archive
PIN	PIN code for endpoint(H.323) playback protection
CATALOG	Media type

	0: Archive
	1: Live streaming
ACCESSID	GUID of groups that have viewing right for the archive if ACCESSTYPE=2

Example:

```xml
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="setmediainfo">
            <SESSIONID value="9877425c-f0fd-4a7f-87f3294dae1c0b60" />
            <CONF_ID value="4e9b070b-60a5-4430-820bab0afe6384d8"/>
            <NAME value="DST 6000_JUN_15_2006_22:13"/>
            <DESCRIPTION value="DST 6000_JUN_15_2006_22:13" />
            <ACCESSTYPE value="1" />
            <PIN value="1234" />
            <DENY_AUTO_DELETE value="1"/>
            <CATALOG value="0" />
            <ACCESSID value = "54dc25f9-b6ec-4a5e-abd122fb2ffc421e"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed
CONF_ID	GUID for the archive being modified
DOWNLOAD	Not used currently
ACCESSTYPE	View rights for this archive.
	0: Deny All
	1: Allow All
	2: All specified groups in list
CATALOG	Media type
	0: Archive
	1: Live streaming
NAME	Name of the archive
DESCRIPTION	Detail description of the archive
DENY_AUTO_DELETE	Automatic cleanup option
	0: The archive can be automatically deleted
	1: Never automatically delete the archive
PIN	PIN code for endpoint(H.323) playback protection
ACCESSID	GUID of groups that have viewing right for the archive if ACCESSTYPE=2
ACCESSIDEXT1	GUID and name of groups that have viewing right for the archive if ACCESSTYPE=2. This field is designed for Web UI.

Example:

```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="setmediainfo">
            <RESULT value="0" />
            <CONF_ID value="4e9b070b-60a5-4430-820bab0afe6384d8" />
            <DOWNLOAD value="-858993460" />
            <ACCESSTYPE value="1" />
            <CATALOG value="0" />
            <DESCRIPTION value="DST 6000_JUN_15_2006_22:13" />
            <NAME value="DST 6000_JUN_15_2006_22:13" />
            <PIN value="1234" />
            <DENY_AUTO_DELETE value="1" />
            <ACCESSID value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" />
            <ACCESSIDEXT1                value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e"
name="Group1" />
        </CONFIRM>
    </DVCRMANAGER>
```

INDICATION

CONF_ID	GUID for the archive being modified
DOWNLOAD	Not used currently

ACCESSTYPE	View rights for this archive.
	    0: Deny All
	    1: Allow All
	    2: All specified groups in list

CATALOG	Media type
	    0: Archive
	    1: Live streaming

NAME	Name of the archive
DESCRIPTION	Detail description of the archive

DENY_AUTO_DELETE	Automatic cleanup option
	    0: The archive can be automatically deleted
	    1: Never automatically delete the archive

PIN	PIN code for endpoint(H.323) playback protection
ACCESSID	GUID of groups that have viewing right for the archive if ACCESSTYPE=2
ACCESSIDEXT1	GUID and name of groups that have viewing right for the archive if ACCESSTYPE=2. This field is designed for Web UI.

Example:

```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <INDICATION xmlid="setmediainfo">
            <CONF_ID value="4e9b070b-60a5-4430-820bab0afe6384d8" />
            <DOWNLOAD value="-858993460" />
```

```xml
            <ACCESSTYPE value="1" />
            <CATALOG value="0" />
            <DESCRIPTION value="DST 6000_JUN_15_2006_22:13" />
            <NAME value="DST 6000_JUN_15_2006_22:13" />
            <PIN value="1234" />
            <DENY_AUTO_DELETE value="1" />
            <ACCESSID value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" />
            <ACCESSIDEXT1 value="54dc25f9-b6ec-4a5e-abd122fb2ffc421e" name="G" />
        </INDICATION>
    </DVCRMANAGER>
```

H.323 Connections

GETEPLINK

Description: Get current H.323 connection link information
COMMAND:

Parameters:

LANG	Language option for Web UI.
	en: English
	cn: Chinese
SESSIONID	the session ID got from Login command

Example:

```xml
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="geteplink">
            <LANG value="en" />
            <SESSIONID value="077acb95-400d-4704-adef7adca857e6c7" />
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
INDEX	H.323 connection index, starting from 1024.
STATUS	Text information about the H.323 connection state
	Menu: the H.323 endpoint is in Menu operation mode
	Running: the H.323 endpoint is in recording mode
	Paused: the H.323 endpoint recording is paused
STATUS_INDEX	H.323 connection state, in digit numbers
	0: the H.323 endpoint is in Menu operation mode
	1: the H.323 endpoint is in recording mode

	2: the H.323 endpoint recording is paused
	3: the H.323 endpoint is doing streaming without recording
IP	IP address of the H.323 endpoint
E164	E.164 number of the H.323 endpoint
H323	H.323 alias of the H.323 endpoint
STARTTIME	Connection time
MEETINGROOM	Name of the recording room in which the endpoint has participated.
NETWORK	Network packet lost rate for the last 5 seconds, in percentage
VIDEO	Video protocol used for the connection
AUDIO	Audio protocol used for the connection
H239	Indicate whether the endpoint has H.239 capability
	0: The endpoint has no H.239 capability
	1: The endpoint has H.239 capability

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="geteplink">
            <RESULT value="0" />
            <INDEX value="1024" />
            <STATUS value="Menu" />
            <STATUS_INDEX value="0" />
            <IP value="172.21.120.151" />
            <E164 value="120151" />
            <H323 value="VSX50002" />
            <STARTTIME value="Sep 14,2006 09:37:00" />
            <MEETINGROOM value="N/A" />
            <NETWORK value="0%" />
            <VIDEO value="H.264" />
            <AUDIO value="G.722 " />
            <H239 value="1" />
        </CONFIRM>
    </DVCRMANAGER>
```

STARTROOMRECORD

Description: Start a recording task for a H.323 connection

COMMAND:

Parameters:

LANG	Language option for Web UI.
	en: English
	cn: Chinese
SESSIONID	The session ID got from Login command

INDEX	Index of the H.323 connection

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="startroomrecord">
            <LANG value="en" />
            <SESSIONID value="077acb95-400d-4704-adef7adca857e6c7" />
            <INDEX value="1024"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Descript message for the result of the coommand if failed
INDEX	H.323 connection index, starting from 1024.

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="startroomrecord">
            <RESULT value="0" />
            <DESCRIPTION value="Succeeded" />
            <INDEX value="1024" />
        </CONFIRM>
    </DVCRMANAGER>
```

INDICATION

INDEX	H.323 connection index, starting from 1024.

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <INDICATION xmlid="startroomrecord">
            <INDEX value="1024" />
        </INDICATION>
    </DVCRMANAGER>
```

PAUSEROOMRECORD

Description: Pause a recording task for a H.323 connection
COMMAND:
Parameters:

LANG	Language option for Web UI.
	en: English
	cn: Chinese

SESSIONID	The session ID got from Login command
INDEX	Index of the H.323 connection

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="pauseroomrecord">
            <LANG value="en" />
            <SESSIONID value="077acb95-400d-4704-adef7adca857e6c7" />
            <INDEX value="1024"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Descript message for the result of the coommand if failed
INDEX	H.323 connection index, starting from 1024.

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid=" pauseroomrecord">
            <RESULT value="0" />
            <DESCRIPTION value="Succeeded" />
            <INDEX value="1024" />
        </CONFIRM>
    </DVCRMANAGER>
```

INDICATION

INDEX	H.323 connection index, starting from 1024.

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <INDICATION xmlid=" pauseroomrecord">
            <INDEX value="1024" />
        </INDICATION>
    </DVCRMANAGER>
```

CONTINUEROOMRECORD

Description: Resume a recording task for a H.323 connection
COMMAND:

Parameters:

LANG	Language option for Web UI.
	en: English

	cn: Chinese
SESSIONID	The session ID got from Login command
INDEX	Index of the H.323 connection

Example:

```xml
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid=" continueroomrecord">
            <LANG value="en" />
            <SESSIONID value="077acb95-400d-4704-adef7adca857e6c7" />
            <INDEX value="1024"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Descript message for the result of the coommand if failed
INDEX	H.323 connection index, starting from 1024.

Example:

```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="continueroomrecord">
            <RESULT value="0" />
            <DESCRIPTION value="Succeeded" />
            <INDEX value="1024" />
        </CONFIRM>
    </DVCRMANAGER>
```

INDICATION

INDEX	H.323 connection index, starting from 1024.

```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <INDICATION xmlid="continueroomrecord">
            <INDEX value="1024" />
        </INDICATION>
    </DVCRMANAGER>
```

STOPROOMRECORD

Description: Stop a recording task for a H.323 connection
COMMAND:
      Parameters:

LANG	Language option for Web UI.
	en: English
	cn: Chinese
SESSIONID	The session ID got from Login command
INDEX	Index of the H.323 connection

Example:

```xml
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="stoproomrecord">
            <LANG value="en" />
            <SESSIONID value="077acb95-400d-4704-adef7adca857e6c7" />
            <INDEX value="1024"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Descript message for the result of the coommand if failed
INDEX	H.323 connection index, starting from 1024.

Example:

```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="stoproomrecord">
            <RESULT value="0" />
            <DESCRIPTION value="Succeeded" />
            <INDEX value="1024" />
        </CONFIRM>
    </DVCRMANAGER>
```

INDICATION

| INDEX | H.323 connection index, starting from 1024. |

```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <INDICATION xmlid="stoproomrecord">
            <INDEX value="1024" />
        </INDICATION>
    </DVCRMANAGER>
```

HANGUP

Description: Disconnect a H.323 connection

COMMAND:

Parameters:

LANG	Language option for Web UI.
	en: English
	cn: Chinese
SESSIONID	The session ID got from Login command
INDEX	Index of the H.323 connection

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="hangup">
            <LANG value="en" />
            <SESSIONID value="077acb95-400d-4704-adef7adca857e6c7" />
            <INDEX value="1024"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
INDEX	H.323 connection index, starting from 1024.

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="hangup ">
            <RESULT value="0" />
            <INDEX value="1024" />
        </CONFIRM>
    </DVCRMANAGER>
```

INDICATION

INDEX	H.323 connection index, starting from 1024.

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <INDICATION xmlid="hangup">
            <INDEX value="1024" />
        </INDICATION>
    </DVCRMANAGER>
```

New in version 2.0

GETCFSINFO (GetKey)

Description: Get CFS information.

COMMAND:

Parameters:

LANG	Language option for Web UI.
	en: English
	cn: Chinese
SESSIONID	The session ID got from Login command

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="getcfsinfo">
            <LANG value="en" />
            <SESSIONID value="077acb95-400d-4704-adef7adca857e6c7" />
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
SERIAL	Device serial number
ACTIVE_KEY	Current active key
PENDING_KEY	Current pending key
STATUS	Activation status
	0: Not activated
	1: Activated
VERSION_RUNNING	Version currently running
VERSION_PENDING	Version of package waiting for valid key
VERSION_REQUIRED	System version required for pending version

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="hangup ">
            <RESULT value="0" />
            <SERIAL value="000F1F214C08" />
            <VERSION_RUNNING="2.1.1.001" />
            <ACTIVE_KEY="KFE0-4E53-AB20-0000-07FF" />
            <STATUS="0" />
```

```
            <VERSION_PENDING="2.1.1.002" />
            <VERSION_REQUIRED="2.0.0.001" />
            <PENDING_KEY="KFE0-4E53-AB20-0000-07FF" />
        </CONFIRM>
    </DVCRMANAGER>
```

SETCFSKEY

Description: Set CFS activate/options key.
COMMAND:

    Parameters:

LANG	Language option for Web UI.
	en: English
	cn: Chinese
SESSIONID	The session ID got from Login command
CFSKEY	The CFS activate options key

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="get_cfs">
            <LANG value="en" />
            <SESSIONID value="077acb95-400d-4704-adef7adca857e6c7" />
            <CFS_KEY="KFE0-4E53-AB20-0000-07FF" />
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

| RESULT | 0: Command succeeded |
| | 1: Command failed |

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="hangup ">
            <RESULT value="0" />
        </CONFIRM>
    </DVCRMANAGER>
```

GETLDAP

Description: Get AD/LDAP integration settings
COMMAND:

Parameters:

LANG	Language option for Web UI.
	en: English
	cn: Chinese
SESSIONID	The session ID got from Login command

Example:

```xml
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="get_cfs">
            <LANG value="en" />
            <SESSIONID value="077acb95-400d-4704-adef7adca857e6c7" />
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
USE_LDAP	Indicating AD/LDAP integration is configured.
LDAP_SERVER	Server address (IP or DNS name) of the LDAP Server
LDAP_USER	LDAP administrative account on the LDAP Server
LDAP_PASSWORD	Password for the LDAP account

Example:

```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="GetSysOption">
            <RESULT value="0" />
            <USE_LDAP value="0" />
            <LDAP_SERVER value="" />
            <LDAP_USER value="" />
            <LDAP_PWD value="" />
        </CONFIRM>
    </DVCRMANAGER>
```

SETLDAP

Description: Set AD/LDAP integration settings
COMMAND:

Parameters:

LANG	Language option for Web UI.
	en: English
	cn: Chinese
SESSIONID	The session ID got from Login command

USE_LDAP	Indicating AD/LDAP integration is configured.
LDAP_SERVER	Server address (IP or DNS name) of the LDAP Server
LDAP_USER	LDAP administrative account on the LDAP Server
LDAP_PASSWORD	Password for the LDAP account

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="get_cfs">
            <LANG value="en" />
            <SESSIONID value="077acb95-400d-4704-adef7adca857e6c7" />
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
USE_LDAP	Indicating AD/LDAP integration is configured.
LDAP_SERVER	Server address (IP or DNS name) of the LDAP Server
LDAP_USER	LDAP administrative account on the LDAP Server
LDAP_PASSWORD	Password for the LDAP account

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="GetSysOption">
            <RESULT value="0" />
            <USE_LDAP value="0" />
            <LDAP_SERVER value="" />
            <LDAP_USER value="" />
            <LDAP_PWD value="" />
        </CONFIRM>
    </DVCRMANAGER>
```

GETMULTICAST

Description: Get multicast settings
COMMAND:
Parameters:

LANG	Language option for Web UI.
	en: English
	cn: Chinese

SETMULTICAST

Description: Set multicast settings

COMMAND:

Parameters:

LANG	Language option for Web UI.
	en: English
	cn: Chinese
SESSIONID	The session ID got from Login command
ENABLE_MULTICAST	Indicating whether multicast is turned on
	0: Multicast is off
	1: Multicast is on
SAP_ADDRESS	Multicast address of the Service Advertisement address
SAP_PORT	Port of the SAP
MEDIA_ADDRESS	Multicast address for media distribution
MEDIA_PORT	Base port for the multicast media packets

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="get_cfs">
            <LANG value="en" />
            <SESSIONID value="077acb95-400d-4704-adef7adca857e6c7" />
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
ENABLE_MULTICAST	Indicating whether multicast is turned on
	0: Multicast is off
	1: Multicast is on
SAP_ADDRESS	Multicast address of the Service Advertisement address
SAP_PORT	Port of the SAP
MEDIA_ADDRESS	Multicast address for media distribution
MEDIA_PORT	Base port for the multicast media packets

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="GetSysOption">
            <RESULT value="0" />
            <USE_LDAP value="0" />
            <LDAP_SERVER value="" />
            <LDAP_USER value="" />
```

```
            <LDAP_PWD value="" />
        </CONFIRM>
    </DVCRMANAGER>
```

GETLOGGING

Description: Get logging settings
COMMAND:
    Parameters:

LANG	Language option for Web UI.
	en: English
	cn: Chinese
SESSIONID	The session ID got from Login command

SETLOGGING

Description: Set logging settings
COMMAND:
    Parameters:

LANG	Language option for Web UI.
	en: English
	cn: Chinese
SESSIONID	The session ID got from Login command
SYSTEM_LEVEL	
RAS_LEVEL	
Q931_LEVEL	
H245_LEVEL	
NEWFILE_PERIOD	
MAX_FILESIZE	

Example:
```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="get_cfs">
            <LANG value="en" />
            <SESSIONID value="077acb95-400d-4704-adef7adca857e6c7" />
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed

Example:

```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="GetSysOption">
            <RESULT value="0" />
            <USE_LDAP value="0" />
            <LDAP_SERVER value="" />
            <LDAP_USER value="" />
            <LDAP_PWD value="" />
        </CONFIRM>
    </DVCRMANAGER>
```

GETOS

Description: Get Windows OS settings including Windows Firewall, NTP, Automatic Update.

COMMAND:

Parameters:

LANG	Language option for Web UI.
	en: English
	cn: Chinese
SESSIONID	The session ID got from Login command

SETOS

Description: Set Windows OS settings including Windows Firewall, NTP, Automatic Update.

COMMAND:

Parameters:

LANG	Language option for Web UI.
	en: English
	cn: Chinese
SESSIONID	The session ID got from Login command
FILEWALL	0 1
NTP	0 1
NTP_SERVER	
TIMEZONE	
AUTO_UPDATE	0 1 2 3
UPDATE_PERIOD	
UPDATE_HOUR	0-23

Example:

```xml
<?xml version="1.0" encoding="utf-8" ?>
```

```
<DVCRMANAGER version="1.0.0.0">
    <COMMAND xmlid="get_cfs">
        <LANG value="en" />
        <SESSIONID value="077acb95-400d-4704-adef7adca857e6c7" />
    </COMMAND>
</DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed

Example:
```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="GetSysOption">
            <RESULT value="0" />
            <USE_LDAP value="0" />
            <LDAP_SERVER value="" />
            <LDAP_USER value="" />
            <LDAP_PWD value="" />
        </CONFIRM>
    </DVCRMANAGER>
```

GETSTACKING

Description: Get stacking settings
COMMAND:
Parameters:

LANG	Language option for Web UI.
	en: English
	cn: Chinese
SESSIONID	The session ID got from Login command

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
STACKING	0 1
GROUPNAME	
AUTODISCOVER	0 1
MASTER	IP address

SETSTACKING

Description: Set stacking settings
COMMAND:

Parameters:

LANG	Language option for Web UI. 　　en: English 　　cn: Chinese
SESSIONID	The session ID got from Login command
STACKING	0 1
GROUPNAME	
AUTODISCOVER	0 1
MASTER	IP address

GETBANNER

Description : Get ontent of the welcome banner message in the Web UI login page.
COMMAND

Parameters:

SESSIONID	The session ID got from Login command
LANGUAGE	Language index 　　0: English　(default value) 　　1: Chinese 　　2: Japanese

Example:
```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="getivr">
            <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
            <INDEX value="0"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed
BANNER_MSG	

Example:

```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="getivr">
            <RESULT value="0" />
            <PLAY_URL value="/ivr/welcome.wav" />
        </CONFIRM>
    </DVCRMANAGER>
```

SETBANNER

Description: Set the content of the welcome banner message.

COMMAND

Parameters:

SESSIONID	the session ID got from Login command
LANGUAGE	Language index 0: English (default value) 1: Chinese 2: Japanese
BANNER_MSG	New welcome message in UTF-8

Example:

```xml
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="setivr">
            <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
            <TYPE value="0"/>
            <FILENAME value="\rss7D.tmp"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed

Example:

```xml
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="setivr">
            <RESULT value="0" />
            <DESCRIPTION value="Succeeded" />
        </CONFIRM>
    </DVCRMANAGER>
```

GETUILOGO (No implementation)

Description : Get the Logo image in Web UI

COMMAND

Parameters:

SESSIONID	The session ID got from Login command

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="getivr">
            <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
            <INDEX value="0"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed
IMAGE_URL	The URL location of the IVR message file, which can be used by Web browser for playback

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="getivr">
            <RESULT value="0" />
            <PLAY_URL value="/ivr/welcome.wav" />
        </CONFIRM>
    </DVCRMANAGER>
```

SETUILOGO

Description: Replace the logo image file in Web UI.

COMMAND

Parameters:

SESSIONID	the session ID got from Login command
FILENAME	Filename for the new logo image file, this file is a local file on the RSS Server. For Web UI: The file is downloaded to the RSS server via HTTP and stored on a temporary folder.

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
```

```
<DVCRMANAGER version="1.0.0.0">
    <COMMAND xmlid="setivr">
        <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
        <TYPE value="0"/>
        <FILENAME value="\rss7D.tmp"/>
    </COMMAND>
</DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed

Example:
```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="setivr">
            <RESULT value="0" />
            <DESCRIPTION value="Succeeded" />
        </CONFIRM>
    </DVCRMANAGER>
```

GETVIDEOLOGO (No implementation)

Description : Get the Logo image in H.323 video
COMMAND
Parameters:

| SESSIONID | The session ID got from Login command |

Example:
```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="getivr">
            <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
            <INDEX value="0"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed
IMAGE_URL	The URL location of the IVR message file, which can be used by Web browser for playback

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="getivr">
            <RESULT value="0" />
            <PLAY_URL value="/ivr/welcome.wav" />
        </CONFIRM>
    </DVCRMANAGER>
```

SETVIDEOLOGO

Description: Replace the logo image file in H.323 video

COMMAND

Parameters:

SESSIONID	the session ID got from Login command
FILENAME	Filename for the new logo image file, this file is a local file on the RSS Server. For Web UI: The file is downloaded to the RSS server via HTTP and stored on a temporary folder.

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid="setivr">
            <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
            <TYPE value="0"/>
            <FILENAME value="\rss7D.tmp"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid="setivr">
            <RESULT value="0" />
            <DESCRIPTION value="Succeeded" />
        </CONFIRM>
    </DVCRMANAGER>
```

CALLANDPLAY

Description: Call out an endpoint and then play back an archive.

COMMAND CallAndPlay

Parameters:

SESSIONID	the session ID got from Login command
ADDR	The address of EndPoint.
RATE	Call bit rate.
FILE_ID	Archive ID to play.

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid=" CallAndPlay ">
            <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
            < ADDR value="172.21.1.1"/>
            < ADDR value="768"/>
            < FILE_ID value="33458d22-52c5-1256-7c896cecf7d07ae1"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid=" CallAndPlay ">
            <RESULT value="0" />
            <DESCRIPTION value="Succeeded" />
        </CONFIRM>
    </DVCRMANAGER>
```

STARTFILEMULTICAST

Description: To multicast a file.

COMMAND StartFileMulticast

Parameters:

SESSIONID	the session ID got from Login command

CONF_ID	GUID of a specific media.
TIMES	Repeat count..

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid=" StartFileMulticast ">
            <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
            < TIMES value="1"/>
            < CONF_ID value="33458d22-52c5-1256-7c896cecf7d07ae1"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid=" StartFileMulticast ">
            <RESULT value="0" />
            <DESCRIPTION value="Succeeded" />
        </CONFIRM>
    </DVCRMANAGER>
```

STOPFILEMULTICAST

Description: To stop file multicast..

COMMAND StopFileMulticast

Parameters:

SESSIONID	the session ID got from Login command
CONF_ID	GUID of a specific media.

Example:

```
<?xml version="1.0" encoding="utf-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <COMMAND xmlid=" StopFileMulticast ">
            <SESSIONID value="b09c5d22-52c5-41a9-9b8e6cecf7d07ae4" />
            < CONF_ID value="33458d22-52c5-1256-7c896cecf7d07ae1"/>
        </COMMAND>
    </DVCRMANAGER>
```

CONFIRM

RESULT	0: Command succeeded
	1: Command failed
DESCRIPTION	Description message if the command failed

Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
    <DVCRMANAGER version="1.0.0.0">
        <CONFIRM xmlid=" StopFileMulticast ">
            <RESULT value="0" />
            <DESCRIPTION value="Succeeded" />
        </CONFIRM>
    </DVCRMANAGER>
```