

# Announcement functions

All examples shown here use the following placeholders. Replace these placeholders with the appropriate data:

- *<user>* and *<password>*: Credentials of a Callisto user with REST Authentication privilege.
- *<callisto>*: The base domain name or IP address of the Callisto server.
- *<MAGroup>*: The name of the ManagerAssistant Group application instance to call.

All functions related to announcements are called by URLs containing the following path:

`http://<callisto>/Applications/inbound/<MAGroup>/rest/announcements`

## addAnnouncement

**HTTP request methods:** POST; GET

Add an announcement to a group. Announcements are played to callers while waiting for a group member to answer the call.

### Parameters

gr_id	Mandatory. The ID of the group.
an_wave	Mandatory. The file name of the wave file to use as announcement.
an_priority	The priority index of the announcement. This index determines the order in which the announcements will be played. A lower index means higher priority. If not set, the announcement will have lowest priority.

### Response

The `<Response>` element contains two child elements:

The `<id>` element contains the ID of the group to which the addAnnouncement action was applied.

The `<status>` element contains the status of the executed action. The following four statuses are possible:

OK:	The new announcement was added to the group successfully.
PARAMETER_MISSING:	One or both mandatory parameters are missing.
INVALID_GROUP_ID:	No group with the given ID exists.
ERROR:	Unknown error.

Upload the file `welcome.wav` to the announcements of the group with the ID 2504. Omitting the `an_priority` parameter will append the new announcement to the bottom of the announcements list.

### Example data

`gr_id=2504:` ID of the group

an\_wave=Welcome.wav:

Name of the audio file

### Request

```
curl --user <user>:<password>
  --data "gr_id=2504&an_wave=Welcome.wav" http://<callisto>/Applications/inbound/<MAGroup>
/rest/announcements/addAnnouncement.asp
```

### Response

```
<Callisto>
  <Request>addAnnouncements</Request>
  <Response>
    <id>2504</id>
    <status>OK</status>
  </Response>
</Callisto>
```

## deleteAnnouncement

**HTTP request methods:** POST; GET

Delete an announcement from a group.

### Parameter

an\_id

Mandatory. The ID of the announcement.

### Response

The <Response> element contains the status of the executed action. The following four statuses are possible:

OK:	The announcement was deleted successfully.
PARAMETER_MISSING:	The mandatory parameter is missing.
INVALID_ANNOUNCEMENT_ID:	No announcement with the given ID exists.
ERROR:	Unknown error.

Delete the announcement with the ID 634.

### Example data

- an\_id=634: ID of the announcement

### Request

```
curl --user <user>:<password>
  --data "an_id=634" http://<callisto>
/Applications/inbound/<MAGroup>/rest/announcements/deleteAnnouncement.asp
```

### Response

```
<Callisto>
  <Request>deleteAnnouncements</Request>
  <Response>OK</Response>
</Callisto>
```

## editAnnouncement

**HTTP request methods:** POST; GET

Edit the file name of a present announcement.

### Parameters

an_id	Mandatory. The ID of the announcement.
an_wave	Mandatory. New file name to apply.

### Response

The <Response> element contains the status of the executed action. The following four statuses are possible:

OK:	The announcement was edited successfully.
PARAMETER_MISSING:	One or both mandatory parameters are missing.
INVALID_ANNOUNCEMENT_ID:	No announcement with the given ID exists.
ERROR:	Unknown error.

Rename the announcement with the ID 634 to *welcome.wav*

### Example data

an_id=634:	ID of the announcement
an_wave=welcome.wav:	New file name to use

### Request

```
curl --user <user>:<password>
  --data "an_id=634&an_wave=welco
me.wav" http://<callisto>/Applications/inbound/<MAGroup>
/rest/announcements/editAnnouncement.asp
```

### Response

```
<Callisto>
  <Request>editAnnouncements</Request>
  <Response>OK</Response>
</Callisto>
```

## getAnnouncements

**HTTP request methods:** POST; GET

Retrieve all announcements of a group.

## Parameters

gr\_id Mandatory. The ID of the group.

## Response

The <Response> element contains an <announcement> element for every available announcement. Each <announcement> element contains the following three child elements:

<id>: The ID of the announcement.  
<wave>: The file name of the associated wave file.  
<priority>: The priority assigned to the announcement.

If no data can be retrieved, the <Response> element contains the status of the executed action. The following three statuses are possible:

PARAMETER\_MISSING: The mandatory parameter is missing.  
INVALID\_GROUP\_ID: No group with the given ID exists.  
ERROR: Unknown error.

Retrieve the metadata of all announcements saved in the group with the ID 2504.

## Example data

- gr\_id=2504: ID of the group

## Request

```
curl --user <user>:<password>  
  --data "gr_id=2504" http://<callisto>  
/Applications/inbound/<MAGroup>/rest/announcements/getAnnouncements.asp
```

## Response

```
<Callisto>  
  <Request>getAnnouncements</Request>  
  <Response>  
    <announcement>  
      <id>19</id>  
      <wave>welcome.wav</wave>  
      <priority>1</priority>  
    </announcement>  
    <announcement>  
      <id>22</id>  
      <wave>music_synth.wav</wave>  
      <priority>3</priority>  
    </announcement>  
    <announcement>  
      <id>23</id>  
      <wave>busy.wav</wave>  
      <priority>2</priority>  
    </announcement>  
    <announcement>  
      <id>24</id>  
      <wave>music_folk.wav</wave>  
      <priority>4</priority>  
    </announcement>
```

```
</Response>
</Callisto>
```

## reorderAnnouncements

**HTTP request methods:** POST; GET

Change the order/priority of an announcement.

### Parameters

an_id	Mandatory. The ID of the announcement to reorder.
move	Mandatory. The priority of the announcement is increased or decreased based on this value. Takes the values up or down.

### Response

The <Response> element contains the status of the executed action. The following four statuses are possible:

OK:	The announcement was reordered successfully.
PARAMETER_MISSING:	The mandatory parameter is missing.
INVALID_ANNOUNCEMENT_ID:	No announcement with the given ID exists.
ERROR:	Unknown error.

Move the announcement with the ID 634 up in the announcements list.

### Example data

an_id=634:	ID of the announcement
move=up:	Command to increase the announcement's priority

### Request

```
curl --user <user>:<password>
  --data "an_id=634&move=up" http://<callisto>
/Applications/inbound/<MAGroup>/rest/announcements/reorderAnnouncements.asp
```

### Response

```
<Callisto>
  <Request>reorderAnnouncements</Request>
  <Response>OK</Response>
</Callisto>
```