CALLISTO

PHONEDIVERSIONS

REST SERVICES MANUAL

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Overview

Architecture

RESTRepresentational State Transfer interfaces provided by PhoneDiversions Group are in general called using HTTP GET requests to retrieve information. Functions that upload or change data are called using HTTP POST requests.

Authorization

Requests from localhost (127.0.0.1) are handled without authentication.

Requests from external sources require HTTP basic authentication. Use the credentials of a Callisto account that has the privilege REST Authentication enabled. For setting user privileges, see the chapter User administration of the Callisto platform administration manual.

Phone diversion 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.

This section describes the Phone Diversion REST functions.

listGroups

HTTP request method: GET

List the diversion groups with their data based on the provided parameters.

Parameters

groupId	Only the data for the group that matches the ID is listed
groupName	Lists the groups (along with data) based on the provided group name.

If parameters are ommited, all groups are listed.

Show the group with ID 27.

Example data

groupId=27:	ID of the group

Request

```
curl --user <user>:<password>
 --data "groupId=27" -H "accept: application/xml" http://callisto_phoneDiversio
n/Rest/listGroups.asp
```

Response (successful)

```
<?xml version="1.0" encoding="iso-8859-1" ?>
<Callisto>
    <Request>listGroups</Request>
    <Response>
        <DiversionGroups>
            <Group>
                <GroupID>27</GroupID>
                <GroupName>Front Desk</GroupName>
                <Destination>1022</Destination>
                <State>ON</State>
                <Description>Diversion to the front desk phone</Description>
            </Group>
```

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

Response (no data)

```
<?xml version="1.0" encoding="iso-8859-1" ?>
<Callisto>
    <Request>listGroups</Request>
    <Response>NOT_FOUND</Response>
</Callisto>
```

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