

# Oddcast Account Management API

v.20h - Jul 23 2013

Yellow highlights indicate latest updates to the spec.

## **INTRODUCTION**

The Management API allows authenticated users to programmatically access their Avatar Studio or SitePal account by using a specified set of secure API calls, implemented as https requests.

The Management API supports two levels of access, Developer and Integrator -

- Developer Level - unrestricted Access to some function calls
- Integrator Level – same as Developer, with additional function calls available for access from authorized IP.

To function correctly the following conditions must be met for each of the specified requests:

1. All requests must be https POST
2. User authentication is achieved via username/pswd, username/PIN, or partnerID/token.
3. Authenticated user must be authorized to carry out the desired function on the designated account.
4. Parameters must be supplied in the message body, and not in the URL.
5. Specify xml=1 to retrieve the result as XML. This implicit parameter applies to all interface requests listed here.
6. Media files to upload (i.e. audios, backgrounds) must conform to format specifications supported by VHSS.
7. An Integrator is issued a unique PartnerID. All Integrator level requests must provide a PartnerID.
8. Integrator level requests are IP filtered for security. Integrator level requests must originate from an IP address authorized for their partner ID.
9. Any function call where token is provided is treated as an Integrator Level call and must originate from an IP address authorized for their partner ID.

### **About Security**

For both Integrator and Developer level requests, 5 consecutive authentication failures (within same session) for any function call will block further requests from the source IP address for the next 60 minutes.

### **About Integrator Level Access**

Integrators have the ability to create new Oddcast product accounts, add streams to accounts, and otherwise perform actions which Oddcast normally bills for. Consequently, Integrators are considered to be business partners, and are individually approved by Oddcast.

Note: All API requests are available to Developer Level unless specifically noted otherwise.

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\* available to Integrators only.

\*\* requires specific account permissions

## AUTHENTICATION

### mngLogin\*

\*Restricted to Integrator Access

Provide username & pswd, and return a secure session token that can be used to authenticate subsequent calls.

- The token can only be used from restricted Integrator IP.
- Token is built with internal checksum for validation.
- Token is automatically invalidated if no activity for 20 min
- Token cannot be created for SuperUser, only for Admin user

Parameters:

<b>PartnerID</b>	ID of partner – required for Integrator level calls.
<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>Edition</b>	(optional) ST - Studio, SP - Sitepal, VK – Voki, VW – Vocalware. Default is ST. Used for selection of email template for activation email if relevant.
<b>TmpPswd</b>	(optional) Temporary pswd, to be used instead of pswd. This field, provided as a return value, may be stored on client side for persistent login use. Tmp passwords are invalidated by Oddcast from time to time. Note: either Pswd or TmpPswd must be provided.

Return values:

<b>PHPSESSID</b>	Secure session token to be used in subsequent calls
<b>Accounts</b>	List of accounts user has access to. Per each account: <ul style="list-style-type: none"><li>• account name</li><li>• account ID</li><li>• Account Edition - code is returned – ST, SP, VK</li></ul>
<b>CurrAccount</b>	ID of currently selected account. When logged in, user is always within context of a specific account. On login, one of the user's accounts is automatically selected. Selected account is first on the list, or most recently logged into. If user has no accounts, 0 is returned.
<b>TmpPswd</b>	May be stored on client side for persistent login use. Not returned when TmpPswd is used for login.
<b>FName</b>	First name of user, if successfully logged in.
<b>LName</b>	Last name of user, if successfully logged in.
<b>FollowupURL</b>	URL for user to proceed with login process. To be sent by email to user. Returned in case of errors 51 or 52
<b>Status</b>	0 – normal completion Possible error codes: 1,2,51,52
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngLogin.php>

## **mngLogout\***

**\*Restricted to Integrator Access**

End session, invalidate token.

Parameters:

<b>PartnerID</b>	ID of partner – required for Integrator level calls.
<b>PHPSESSID</b>	Secure session token.

Return values:

<b>Status</b>	0 – normal completion Possible error codes: 1,2
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngLogout.php>

## **mngForgotPassword\***

**\*Restricted to Integrator Access**

User's password is invalidated, and a temp password generated and sent to user email address.

Parameters:

<b>PartnerID</b>	ID of partner – required for Integrator level calls.
<b>User</b>	Username of authorized user (email address)
<b>Edition</b>	(optional) ST - Studio, SP - Sitepal, VK – Voki, VW – Vocalware. Default is ST. Used for selection of email template.

Return values:

<b>Status</b>	0 – normal completion Possible error codes: 2
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testForgotPassword.php>

## **mngResendActivation\***

**\*Restricted to Integrator Access**

If the user is not yet active, an activation link is sent out to the user. If the user is already active, no action is taken.

Parameters:

<b>PartnerID</b>	ID of partner – required for Integrator level calls
<b>User</b>	Username (email) of user to send activation link to.
<b>Edition</b>	(optional) ST - Studio, SP - Sitepal, VK – Voki, VW – Vocalware. Default is ST. Used for selection of email template.

Return values:

<b>Status</b>	0 – normal completion Possible error codes: 1,2,6,7, 50
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngGetActivationLink.php>

### **mngSetCurrAccount\***

**\*Restricted to Integrator Access**

Set current account to a different account. When logged in, user is always within context of a specific account. Note: This call is only meaningful in the context of an ongoing session.

Parameters:

<b>PartnerID</b>	ID of partner – required for Integrator level calls.
<b>PHPSESSID</b>	Secure session token.
<b>AccountID</b>	ID of account to switch to. Must be one of the accounts user has access to (as returned by mngLogin call).

Return values:

<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testSetAccount.php>

### **mngGetCountryList\***

**\*Restricted to Integrator Access**

List of countries, US states and Canadian provinces, and code for each, is returned; for use in registration process.

Parameters:

<b>PartnerID</b>	ID of partner – required for Integrator level calls.
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Return values:

<b>Status</b>	0 – normal completion Possible error codes: 2
<b>Error</b>	If call failed, a textual description of the error.

For each country, state and province, the following info is returned:

<b>Name</b>	Logical name
<b>ID</b>	Internal ID code; 2 letters for countries, 3 letters for states and provinces
<b>Type</b>	"C" – Country, "S" – US state, "P" – Canadian province

Example:

<https://vhost.oddcast.com/mng/testGetCountries.php>

## ACCOUNT MANAGEMENT

### mngListAccounts

Retrieve a list of accounts available to user.

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
*Restricted to Integrator Access Use of uAdmin parameter is restricted to Integrator level, and requires access privileges to specified user's information.	
<b>PartnerID</b>	(optional) ID of partner – required for Integrator level calls.
<b>uAdmin</b>	(optional) email of admin user to get Account list for. If missing, it is assumed that the logged in user is to be used. To retrieve an account list for an admin user other than the logged in user, user must have appropriate privileges.

Return values:

<b>NumAccounts</b>	Number of accounts
<b>Status</b>	0 – normal completion Possible error codes: 1,2,4
<b>Error</b>	If call failed, a textual description of the error.
For each Account, the following info is returned:	
<b>Id</b>	Unique ID of the account
<b>Name</b>	Account name
<b>Door</b>	Name of door in which account resides
<b>Active</b>	0 – account is inactive 1 – account is active
<b>Creation</b>	Creation Date
<b>Created By</b>	email of account creator
<b>Expiration</b>	Expiration Date
<b>Edition</b>	Two letter edition code is returned – ST, SP, VK, VW
<b>Package</b>	SitePal only: Bronze, Silver, Gold, Pro
<b>Term</b>	SitePal only – no value returned for other Editions 0 – Other/Unknown 1 – Monthly 2 – Yearly
<b>PartnerID</b>	ID of partner for Account
<b>NumSS</b>	For Studio account – number of Shows in the account For SitePal account – number of Scenes in the account For Voki account – total number of Scenes in the account

Example:

<https://vhost.oddcast.com/mng/testMngListAccounts.php>

## mngAccountInfo

Retrieve general account information, and (optionally) verify validity of specific Show/Scene index.

Parameters:

<b>AccountID</b>	Account ID to return info for. User must have authorized access to account.
<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PIN</b>	PIN for authorized access. Either User/Pswd or PIN must be provided. (note: this call used by Telephony interface).
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.

Return values:

<b>Active</b>	1 – account is active 0 - inactive
<b>Creation</b>	Creation Date
<b>Expiration</b>	Expiration Date
<b>Edition</b>	Two letter edition code is returned – ST, SP,VK, VW
<b>Package</b>	SitePal only: Bronze, Silver, Gold, Pro
<b>Term</b>	SitePal only – no value returned for other Editions 0 – Other/Unknown 1 – Monthly 2 – Yearly
<b>PartnerID</b>	ID of partner for Account
<b>LastLogin</b>	Date-Time of most recent login to account
<b>Domains</b>	N – Number of licensed domains
<b>Streams</b>	N - Current stream balance
<b>TelUpdate</b>	This value is deprecated. to be removed. N – remaining telephone updates for account. -1 - if this feature is disabled (or none remaining) -2 – if unlimited
<b>NumSS</b>	For Studio account – number of Shows in the account For SitePal account – number of Scenes in the account For Voki account – total number of Scenes in the account
<b>Audio Limit</b>	Audio limit in seconds.
<b>TTS Character Limit</b>	TTS character limit.
<b>Callback URL</b>	The URL to verify authentication for OTM (Oddcast TTS Module) accounts.
<b>Secret Phrase</b>	Secret phrase used for OTM accounts.
<b>UsageNotification</b>	0 – None, 1 – Monthly, 2 - Daily
<b>Status</b>	0 – normal completion Possible error codes: 1,2,6
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngAccountInfo.php>



## mngSetAccountInfo

**\*Restricted to Integrator Access**

Set / update general account information.

All parameters are optional. If missing, value remains unchanged.

Parameters:

<b>AccountID</b>	Account ID to set info for. User must have authorized access to account.
<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>Active</b>	1 – account is active 0 - inactive
<b>Expiration</b>	Expiration Date
<b>PartnerID</b>	ID of partner for Account
<b>Domains</b>	N – Number of licensed domains
<b>Streams</b>	*N – where * is one of: = Set streams to this value (default) + Add this number of streams - Subtract this number of streams Example: "=100000"
<b>NumSS</b>	For Studio account – number of Shows in the account For SitePal, Voki and Vocalware account – number of Scenes in the account
<b>AudioLimit</b>	Audio limit in seconds.
<b>TTSLimit</b>	TTS character limit.
<b>CallbackURL</b>	The URL to verify authentication for OTM (Oddcast TTS Module) accounts.
<b>Secret Phrase</b>	Secret phrase used for OTM accounts.
<b>StudentLimit</b>	For Voki Classroom: limit on # of students in account.
<b>ClassLimit</b>	For Voki Classroom: limit on # of classes in account.
<b>UsageNotification</b>	0 – None, 1 – Monthly, 2 - Daily

Return values:

<b>Status</b>	0 – normal completion Possible error codes: 1,2,4,6,7
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngSetAccountInfo.php>

## mngCreateAccount\*

**\*Restricted to Integrator Access**

Create a new account.

Parameters:

<b>PartnerID</b>	ID of partner – required for Integrator level calls.
<b>User</b>	Username of authorized user (email address) User must be SuperUser with appropriate permission

<b>Pswd</b>	Password of authorized user
<b>TemplateID</b>	ID of template account (must be a template in same door)
<b>Admin</b>	(optional) Email of administrator for new account. User must exist before this call is made. Use mngCreateUser to create user. If missing, account will be created, and no user assigned to it.
<b>sndWelcome</b>	(optional) Send welcome message to Admin user? (Y/N)

Return values:

<b>AccountID</b>	Unique ID of new account
<b>Status</b>	0 – normal completion Possible error codes: 1,2,3,4,6,7
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngCreateAccount.php>

### **mngCreatePartnerAccount\***

**\*Restricted to Integrator Access**

Create a new account for a specified partner user. A new account is generated if and only if the specified user does not have an account. The ID of the user account is returned.

Parameters:

<b>PartnerID</b>	ID of partner – required for Integrator level calls.
<b>User</b>	Username of authorized user (email address) User must be a Partner with appropriate permissions.
<b>Pswd</b>	Password of authorized user
<b>UID</b>	Unique user identifier within the partner name space. String, limited to 256 characters.

Return values:

<b>AccountID</b>	Unique ID of new account
<b>Status</b>	0 – normal completion Possible error codes: 1,2,3,6,7
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngCreatePartnerAccount.php>

### **mngExtendAccount\***

**\*Restricted to Integrator Access**

Extend an account previously created by Integrator. The account is extended by the specified number of months and days. saa

Parameters:

<b>PartnerID</b>	ID of partner – required for Integrator level calls.
<b>User</b>	Username of authorized user (email address) User must be SuperUser with appropriate permission
<b>Pswd</b>	Password of authorized user

<b>AccountID</b>	ID of account to extend. Must be an account previously created by the caller.
At least one of: <b>extMonths</b> or <b>extDays</b> must be present. If both are present, then the account is extended by the specified number of months and days.	
<b>extMonths</b>	Number, 1 to 12, months to extend
<b>extDays</b>	Number, days to extend

Return values:

<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngExtendAccount.php>

### **mngAddStreams\***

\*Restricted to Integrator Access

Add Streams to an account.

Parameters:

<b>PartnerID</b>	ID of partner – required for Integrator level calls.
<b>User</b>	Username of authorized user (email address) User must be SuperUser with appropriate permission
<b>Pswd</b>	Password of authorized user
<b>AccountID</b>	ID of account to add streams to. Must be an account previously created by the caller.
<b>Streams</b>	Number, in thousands

Return values:

<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngAddStreams.php>

### **mngListCats**

Retrieve a list of asset categories available for specified account.

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHN</b>	to be removed
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>AccountID</b>	Account ID to return categories for.
<b>Type</b>	(optional) Return categories of given type: Audio, BG, Skin, Model. If missing return all.

Return values:

<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6
<b>Error</b>	If call failed, a textual description of the error.
For each category, the following info is returned:	
<b>Name</b>	Logical name of category
<b>ID</b>	Unique ID of the category
<b>Type</b>	Type of the category (Audio, BG, Skin, Model)

Example:

<https://vhost.oddcast.com/mng/testMngListCats.php>



## USER MANAGEMENT

### mngCreateUser\*

\*Restricted to Integrator Access

Create or update a user. User is always created with basic Admin Role.

Parameters:

<b>PartnerID</b>	ID of partner – required for Integrator level calls.
<b>User</b>	Username of authorized user (email address) User must be SuperUser with appropriate permission
<b>Pswd</b>	Password of authorized user
<b>AccountID</b>	(optional) ID of account to assign user to. Must be an account with same PartnerID. If missing, user is created but not assigned to account.
<b>uOldAdmin</b>	(optional) Email of existing user to update. If missing, a new user is created.
<b>uOldPswd</b>	(optional) pswd of existing user to update. Must be provided to update existing user.
<b>uAdmin</b>	Email of new user.
<b>uPswd</b>	Password of new user.
<b>uFName</b>	First name of new user. Optional when updating an existing user.
<b>uLName</b>	Last name of new user. Optional when updating an existing user.
<b>DOB</b>	(optional) Date of birth
<b>BDayVis</b>	(optional) Y/N – Is birthday visible?
<b>Gender</b>	(optional) Male/Female
<b>Street</b>	(optional) Street Address
<b>City</b>	(optional) City
<b>StateID</b>	(optional) 3 letter State or province ID – as specified by <a href="#">getCountryList</a>
<b>Postal</b>	(optional) Zip or postal
<b>CountryID</b>	(optional) 2 letter Country ID – as specified by <a href="#">getCountryList</a>
<b>Phone</b>	(optional) Phone Number
<b>Salutation</b>	(optional) Salutation

Return values:

<b>Status</b>	0 – normal completion Possible error codes: 1,2,4,5,6,7,41,42
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngCreateUser.php>

### mngGetUserInfo

Retrieve user information & preferences.

Parameters:

<b>User</b>	Username of authorized user (email address)
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<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
*Restricted to Integrator Access Use of uAdmin parameter is restricted to Integrator level, and requires access privileges to specified user's information.	
<b>PartnerID</b>	(optional) ID of partner – required for Integrator level calls.
<b>uAdmin</b>	(optional) email of user to get info for. If missing, it is assumed that the logged in user is to be used.

Return values:

<b>User</b>	Username (email address)
<b>PartnerID</b>	ID of Partner
<b>Active</b>	has user been activated? (Y/N)
<b>FName</b>	First name
<b>LName</b>	Last name
<b>DOB</b>	Date of birth
<b>Gender</b>	Male/Female
<b>Street</b>	Street Address
<b>City</b>	City
<b>StateID</b>	3 letter State or province ID – as specified by getCountryList
<b>Postal</b>	Zip or postal
<b>CountryID</b>	2 letter Country ID – as specified by getCountryList
<b>Phone</b>	Phone Number
<b>TandC</b>	Approved Terms and Conditions? (Y/N)
<b>Salutation</b>	Salutation
<b>Status</b>	0 – normal completion Possible error codes: 1,2,4,6,7
<b>Error</b>	If call failed, a textual description of the error.
	----- User Prefs -----
<b>BDayVis</b>	Birthday Visible
<b>SiteType1</b>	
<b>SiteType2</b>	
<b>SiteType3</b>	
<b>SiteVal1</b>	
<b>SiteVal2</b>	
<b>SiteVal3</b>	
<b>IMType1</b>	
<b>IMType2</b>	
<b>IMType3</b>	
<b>IMVal1</b>	
<b>IMVal2</b>	
<b>IMVal3</b>	
<b>NotCmnt</b>	Comment Notification (Y/N)
<b>NotMsg</b>	Message Notification (Y/N)
<b>NotOffer</b>	Offer Notification (Y/N)

Example:

<https://vhost.oddcast.com/mng/testMngGetUserInfo.php>

## mngSetUserInfo

Update user information & preferences. Provided fields are updated. Optional fields which are not provided are ignored and not modified.

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<p><b>*Restricted to Integrator Access</b>          Use of uAdmin parameter is restricted to Integrator level, and requires access privileges to specified user's information.</p>	
<b>PartnerID</b>	(optional) ID of partner – required for Integrator level calls.
<b>uAdmin</b>	(optional) email of user to set info for. If missing, it is assumed that the logged in user is to be used.
-----Attributes to Set -----	
<b>Active</b>	(optional) has user been activated? (Y/N)
<b>FName</b>	(optional) First name
<b>LName</b>	(optional) Last name
<b>DOB</b>	(optional) Date of birth
<b>Gender</b>	(optional) Male/Female
<b>Street</b>	(optional) Street Address
<b>City</b>	(optional) City
<b>StateID</b>	(optional) 3 letter State or province ID – as specified by <a href="#">getCountryList</a>
<b>Postal</b>	(optional) Zip or postal
<b>CountryID</b>	(optional) 2 letter Country ID – as specified by <a href="#">getCountryList</a>
<b>Phone</b>	(optional) Phone Number
<b>TandC</b>	(optional) Approved Terms and Conditions? (Y/N)
<b>Salutation</b>	(optional) Salutation
----- User Prefs -----	
<b>BDayVis</b>	(optional) Birthday Visible
<b>SiteType1</b>	(optional)
<b>SiteType2</b>	(optional)
<b>SiteType3</b>	(optional)
<b>SiteVal1</b>	(optional)
<b>SiteVal2</b>	(optional)
<b>SiteVal3</b>	(optional)
<b>IMType1</b>	(optional)
<b>IMType2</b>	(optional)
<b>IMType3</b>	(optional)
<b>IMVal1</b>	(optional)
<b>IMVal2</b>	(optional)
<b>IMVal3</b>	(optional)
<b>NotCmnt</b>	(optional) Comment Notification (Y/N)
<b>NotMsg</b>	(optional) Message Notification (Y/N)
<b>NotOffer</b>	(optional) Offer Notification (Y/N)

Return values:

<b>Status</b>	0 – normal completion
---------------	-----------------------

	Possible error codes: 1,2,4,6,7
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngSetUserInfo.php>

### **mngListUsers\***

\*Restricted to Integrator Access

Return list of users according to specified criteria. Only activated users are returned.

Parameters:

<b>PartnerID</b>	ID of partner – required for Integrator level calls
<b>User</b>	Username of authorized user (email address) User must be SuperUser with appropriate permission
<b>Pswd</b>	Password of authorized user
<b>DoorID</b>	Only users with accounts in given door are returned. User must have permissions for given door.
<b>PageLen</b>	Number of entries per page
<b>PageNum</b>	1-based index of requested page. If greater than number of pages, last page is returned.
Sort Options – returned users to be sorted by specified criteria:	
<b>SortBy</b>	(optional) 1 – Users (default) 2 – Scenes
<b>SortOption</b>	(optional) Options for Sorting <u>Users</u> 1 – Most Recent (default) – User creation date 2 – Alphabetically – First name 3 – Alphabetically – Last name <u>Scenes</u> (Normal Scenes only) 1 – Most Recently Modified (default) 2 – Most Commented 3 – Most Viewed – Recent 24 hrs 4 – most Viewed – Recent 7 days
<b>SortOrder</b>	(optional) Order items are sorted 1 – Standard order (default) 2 – Reverse order
Selection Filters	
<b>Edition</b>	(optional) ST - Studio, SP - Sitepal, VK – Voki, VW – Vocalware. Return only users with accounts of specified edition. If missing, users of all editions are returned.
<b>Gender</b>	(optional) Male/Female
<b>AgeMin</b>	(optional) Min age of users to be listed
<b>AgeMax</b>	(optional) Max age of users to be listed
<b>Country</b>	(optional) Country code
<b>ZipCode</b>	(optional) Country must be US. If specified, users



	within specified zip code are returned.
<b>ZipRange</b>	(optional) Distance from zip code, in Miles. Users within specified range of Zipcode are returned. Relevant if ZipCode is provided - ignored otherwise.
<b>Featured</b>	(optional) If "1" – only "Featured" users are returned.
<b>SearchStr</b>	(optional) String to match. String is matched to First Name, Last Name, and eMail fields. Partial matches qualify.

Return values:

<b>NumUsers</b>	Total number of users that meet the specified criteria
<b>NumPages</b>	Number of pages
<b>Page</b>	1-based index of returned page
<b>BaseURL</b>	Encoded path to folder of thumbnails
<b>Status</b>	0 – normal completion Possible error codes: 1,2,6,7
<b>Error</b>	If call failed, a textual description of the error.

For each User, the following info is returned:

<b>User</b>	Username (email address)
<b>FName</b>	First name
<b>LName</b>	Last name
<b>DOB</b>	Date of birth
<b>Gender</b>	Male/Female
<b>Street</b>	Street Address
<b>City</b>	City
<b>StateID</b>	3 letter State or province ID – as specified by getCountryList
<b>Postal</b>	Zip or postal
<b>CountryID</b>	2 letter Country ID – as specified by getCountryList
<b>Phone</b>	Phone Number
<b>BDayVis</b>	Birthday Visible
<b>DateFeatured</b>	Date user was featured, returned only for featured user.
<b>SiteType1</b>	
<b>SiteType2</b>	
<b>SiteType3</b>	
<b>SiteVal1</b>	
<b>SiteVal2</b>	
<b>SiteVal3</b>	
<b>AccountID</b>	User's account ID. If user has multiple accounts in specified door, for specified edition, first account of specified edition is returned.
<b>SceneID</b>	If sorting by User - User's profile Scene If sorting by Scene - the scene that user was sorted by
<b>Thumb</b>	file name for thumbnail jpg – 50x50
<b>ThumbS</b>	file name for thumbnail jpg – 25x25

Example:

<https://vhost.oddcast.com/mng/testMngListUsers.php>

## **mngGetActivationLink\***

\*Restricted to Integrator Access

User's password is invalidated, and a temp password generated and sent to user email address.

Parameters:

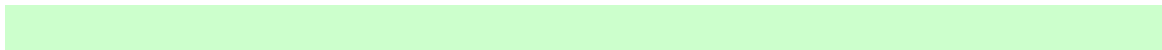
<b>PartnerID</b>	ID of partner – required for Integrator level calls
<b>User</b>	Username of authorized user (email address) User must be SuperUser with appropriate permission
<b>Pswd</b>	Password of authorized user
<b>uAdmin</b>	<a href="#">email of user to get activation link for.</a>
<b>Edition</b>	(optional) ST - Studio, SP - Sitepal, VK – Voki, VW – Vocalware. Default is ST. Used for selection of email template.

Return values:

<b>ALink</b>	Encoded Activation Link is returned – if successful
<b>Status</b>	0 – normal completion Possible error codes: 1,2,6,7, 50
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngGetActivationLink.php>



## SCENE MANAGEMENT

### mngAddScene

Create and add new Scene to account and optionally assign media to it. Scene can be created only if account's limits have not been reached.

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b><del>Pin</del></b>	To be removed
<b>AccountID</b>	Account ID to add new Scene to
<b>ShowID</b>	ID of show to which new Scene will be assigned. Required for Studio account, ignored for SitePal or Voki account.
<b>SceneID</b>	(optional) ID of Scene to duplicate – "source Scene". Must be a Scene in same account. If not provided, empty Scene is created.
<b>Name</b>	(optional) Name for new Scene. If missing, default name is assigned.
Attributes of new Scene. If not provided, attributes of source Scene are used. If no source Scene is provided, defaults are used as indicated.	
<b>Type</b>	(optional) 1-Message 2-Comment 3-Normal (default) 4-Profile
<b>Editable</b>	(optional) 1-Y (default) 2-N Relevant only for Normal Scenes. Ignored otherwise
<b>Status</b>	(optional) 1-Permanent 2-Temp Relevant only for Normal & Message Scenes. Ignored otherwise Default values: Normal – Permanent Message - Temp Comment Scenes are always Temp Profile Scenes are always Permanent
After Scene is created, the following media elements are assigned to the new Scene if provided:	
<b>CharID</b>	(optional) Unique ID of character to assign to Scene
<b>BgID</b>	(optional) Unique ID of background to assign to Scene
<b>AudioID</b>	(optional) Unique ID of audio to assign to Scene
<b>SkinID</b>	(optional) Unique ID of skin to assign to Scene

<b>Text</b>	(optional) Text to be processed into audio. SSML Tags may be used as part of the text - as documented in the VHost API Reference. If this parameter is provided – Voice, Lang & Engine must be provided as well - as documented in the VHost API Reference. AudioID is ignored.
<b>VoiceID</b>	(optional) ID of Voice to be used
<b>LangID</b>	(optional) ID of Language to be used
<b>EngineID</b>	(optional) ID of Engine to be used

Return values:

<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7,8,10,11
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngAddScene.php>

## mngListScenes

Retrieve a list of Scenes from an account.

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>PHN</b>	To be removed
<b>AccountID</b>	Account ID to retrieve Scenes from
<b>N</b>	(optional) is the number of Scenes/shows to return. if N is missing all Scenes are returned. Note: N & Page Parameters are mutually exclusive
<b>PageNum</b>	(optional) 1-based index of requested page. If missing, all Scenes are returned. If greater than number of pages, last page is returned. Note: N & Page Parameters are mutually exclusive
<b>PageLen</b>	(optional) Number of entries per page. Must be provided if PageNum is specified. Note: N & Page Parameters are mutually exclusive
<b>ShowInd</b>	(optional) INDEX of show to retrieve Scenes from. If not specified, then first Scene in each show is returned (for Studio), or each Scene is returned (for SitePal a).
<b>Type</b>	(optional) 0-All 1-Message 2-Comment 3-Normal (default) 4-Profile A comma delimited list may be specified, i.e. "1,2" If missing, Normal Scenes are returned.

<b>Editable</b>	(optional) 0-All, 1-Y, 2-N. If missing, only Editable Scenes are returned.
<b>Status</b>	(optional) 0- All, 1-Permanent, 2-Temp. If missing, only Permanent Scenes are returned.
<b>PartnerID</b>	(optional) String. Return only Scenes per designated partner.
<b>Sort</b>	(optional) 1 – by date (default) 2 – by Views 3 – by Comments
<b>SortDirection</b>	(optional) 1 – Descending (default) 2 – Ascending

Return values:

<b>BaseURL</b>	Encoded path to folder of thumbnails
<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7
<b>Error</b>	If call failed, a textual description of the error.

For each Scene, the following info is returned:

<b>Id</b>	Unique ID of the Scene
<b>Name</b>	Scene Name
<b>ModDTime</b>	Scene modification date-time
<b>Type</b>	1-Message 2-Comment 3-Normal 4-Profile
<b>Ind</b>	Running index of the Scene, from 1 to N where N is the number of Scenes.
<b>Thumb</b>	file name for thumbnail jpg – 50x50
<b>ThumbS</b>	file name for thumbnail jpg – 25x25
<b>AudioID</b>	Id of audio assigned to the Scene, 0 – if not assigned.
<b>BGID</b>	Id of background assigned to the Scene, 0 – if not assigned.
<b>CharID</b>	Id of character assigned to the Scene, 0 – if not assigned.
<b>SkinID</b>	Id of skin assigned to the Scene, 0 – if not assigned.
<b>AudioLen</b>	Length of Scene audio in seconds
<b>NumViews</b>	Number of Views for the Scene
<b>NumCmnts</b>	Number of Comments for the Scene
<b>CurrPage</b>	Index of page that was returned. 1 - If no page was requested.

Example:

<https://vhost.oddcast.com/mng/testMngListScenes.php>

## mngGetSceneAttr

Retrieve Scene attributes.

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>SceneID</b>	ID of Scene to retrieve info for

Return values:

<b>Id</b>	Unique ID of the Scene
<b>Type</b>	1-Message 2-Comment 3-Normal 4-Profile
<b>Editable</b>	1-Y, 2-N
<b>Status</b>	1-Permanent, 2-Temp
<b>APIActive</b>	API calls permitted? 1-Y, 2-N (added for vocalware)
<b>DateTime</b>	Scene modification date-time
<b>Name</b>	Scene Name
<b>Ind</b>	Running index of the Scene, from 1 to N where N is the number of Scenes
<b>BaseURL</b>	Encoded path to thumbnails
<b>Thumb</b>	file name for thumbnail jpg – 50x50
<b>ThumbS</b>	file name for thumbnail jpg – 25x25
<b>AudioID</b>	Id of audio assigned to the Scene, 0 – if not assigned.
<b>BGID</b>	Id of background assigned to the Scene, 0 – if not assigned.
<b>CharID</b>	Id of character assigned to the Scene, 0 – if not assigned.
<b>SkinID</b>	Id of skin assigned to the Scene, 0 – if not assigned.
<b>SkinAspect</b>	Aspect ratio of assigned Skin, 0 – if not assigned.
<b>AudioLen</b>	Length of Scene audio in seconds
<b>NumViews</b>	Number of Views for the Scene
<b>NumCmnts</b>	Number of Comments for the Scene

<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngGetSceneAttr.php>

### mngSetSceneAttr

Update Scene attributes. Note: changes made by 'setSceneAttr' do not affect Scene modification date. Note: changes may be rejected – examine return values.

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>SceneID</b>	ID of Scene to update
<b>AccountID</b>	(optional) Account ID of Scene to be updated – if missing,

	current account is used
<b>Context</b>	Only relevant for message Scene. Ignored otherwise. 1 - "Inbox" 2 - "Outbox"
<b>Name</b>	(optional) New Name for Scene. If missing, no change is made.
<b>Status</b>	(optional) 1-Permanent, 2-Temp Ignored for Profile and Comment Scenes. If missing, no change is made.
<b>Editable</b>	(optional) 1-Y, 2-N Ignored for Profile, Message & Comment Scenes. If missing, no change is made.
<b>APIActive</b>	(optional) API calls permitted? 1-Y, 2-N

Return values:

<b>Id</b>	Unique ID of the Scene which was updated
<b>Editable</b>	1-Y, 2-N
<b>Status</b>	1-Permanent, 2-Temp
<b>APIActive</b>	API calls permitted? 1-Y, 2-N
<b>Name</b>	Scene Name

<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7,8,11
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngSetSceneAttr.php>

## mngGetSceneOptions

Retrieve Scene Options.

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>SceneID</b>	ID of Scene to retrieve Settings for

Return values:

<b>Id</b>	Unique ID of the Scene
<b>----- Playback Settings -----</b>	
<b>PlayOnLoad</b>	0 – No / 1 – Yes
<b>POLLimit</b>	Integer value 1 to 5 specifies PlayOnLoad Limit -1 - Unlimited
<b>POLTerm</b>	1 – per session 2 – per day 3 – per week 4 – per month
<b>PlayOnRollover</b>	0 – No / 1 – Yes

<b>PlayPauseOnClick</b>	0 – No / 1 – Yes
<b>----- Link Settings -----</b>	
<b>LinkURL</b>	Link URL to open
<b>ClickToOpen</b>	0 – No / 1 – Yes
<b>AutoOpen</b>	0 – No / 1 – Yes
<b>AutoSec</b>	Seconds to wait before opening
<b>AutoEvent</b>	Event to trigger auto play 1 – audio starts 2 – audio stops
<b>OpenTarget</b>	Name of target window/frame is returned
<b>----- Follow Cursor Settings -----</b>	
<b>FollowCursor</b>	0 – Do not follow 1 – Follow in scene 2 – Follow in page
<b>----- Voki Options -----</b>	
<b>Comments</b>	0 – No / 1 – Yes
<b>History</b>	0 – No / 1 – Yes
<b>Profile</b>	0 – No / 1 – Yes
<b>Email</b>	0 – No / 1 – Yes
<b>Chat</b>	0 – No / 1 – Yes
<b>SendToMobile</b>	0 – No / 1 – Yes
<b>----- Completion -----</b>	
<b>Status</b>	0 – normal completion Possible error codes: 1,2,6,7,8
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngGetSceneOptions.php>

## mngSetSceneOptions

Update Scene Options. Note: changes may be rejected – examine return values.

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>SceneID</b>	ID of Scene to update
<b>AccountID</b>	(optional) Account ID of Scene to be updated – if missing, current account is used
<b>----- Playback Settings -----</b>	
<b>PlayOnLoad</b>	0 – No / 1 – Yes
<b>POLLimit</b>	Integer value 1 to 5 specifies PlayOnLoad Limit -1 - Unlimited
<b>POLTerm</b>	1 – per session 2 – per day 3 – per week 4 – per month
<b>PlayOnRollover</b>	0 – No / 1 – Yes



<b>PlayPauseOnClick</b>	0 – No / 1 – Yes
<b>----- Link Settings -----</b>	
<b>LinkURL</b>	Link URL to open
<b>ClickToOpen</b>	0 – No / 1 – Yes
<b>AutoOpen</b>	0 – No / 1 – Yes
<b>AutoSec</b>	Seconds to wait before opening
<b>AutoEvent</b>	Event to trigger auto play 1 – audio starts 2 – audio stops
<b>OpenTarget</b>	Name of target window/frame is returned
<b>----- Follow Cursor Settings -----</b>	
<b>FollowCursor</b>	0 – Do not follow 1 – Follow in scene 2 – Follow in page
<b>----- Voki Options -----</b>	
<b>Comments</b>	0 – No / 1 – Yes
<b>History</b>	0 – No / 1 – Yes
<b>Profile</b>	0 – No / 1 – Yes
<b>Email</b>	0 – No / 1 – Yes
<b>Chat</b>	0 – No / 1 – Yes
<b>SendToMobile</b>	0 – No / 1 – Yes

Return values:

<b>Id</b>	Unique ID of the Scene which was updated
<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7,8
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngSetSceneOptions.php>

## mngListSceneComments

Retrieve comment Scenes for specified Scene

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>SceneID</b>	ID of Scene to retrieve comments for
<b>N</b>	(optional) is the number of comment Scenes to return. If N is missing all Scenes are returned.
<b>PageNum</b>	(optional) 1-based index of requested page. If missing, all Scenes are returned. If greater than number of pages, last page is returned.
<b>PageLen</b>	(optional) Number of entries per page. Must be provided if PageNum is specified.

Return values:

<b>BaseURL</b>	Encoded path to folder of thumbnails
<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7
<b>Error</b>	If call failed, a textual description of the error.

For each comment Scene, the following info is returned:

<b>Id</b>	Unique ID of the Scene
<b>DateTime</b>	Scene modification date-time
<b>Name</b>	Comment Scene name
<b>CreatorName</b>	Name of creator
<b>CreatorEmail</b>	eMail of creator
<b>Thumb</b>	file name for thumbnail jpg – 50x50
<b>ThumbS</b>	file name for thumbnail jpg – 25x25
<b>AudioLen</b>	Length of Scene audio in seconds
<b>NumViews</b>	Number of Views for the Scene
<b>CurrPage</b>	Index of page that was returned. 1 - If no page was requested.

Example:

<https://vhost.oddcast.com/mng/testMngListSceneComments.php>

## mngListSceneVersions

Retrieve version Scenes for specified Scene. All version Scenes are returned.

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>SceneID</b>	ID of Scene to retrieve versions for

Return values:

<b>Name</b>	Scene name – note: version Scenes have same name
<b>BaseURL</b>	Encoded path to folder of thumbnails
<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7
<b>Error</b>	If call failed, a textual description of the error.

For each comment Scene, the following info is returned:

<b>Id</b>	Unique ID of the Scene
<b>DateTime</b>	Scene modification date-time
<b>Thumb</b>	file name for thumbnail jpg – 50x50
<b>ThumbS</b>	file name for thumbnail jpg – 25x25
<b>AudioLen</b>	Length of Scene audio in seconds
<b>NumViews</b>	Number of Views for the Scene

Example:

<https://vhost.oddcast.com/mng/testMngListSceneVersions.php>

## mngEditScene

Editor embed code is returned. Scene ID of an editable Scene must be provided.  
Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>SceneID</b>	ID of Scene to open for editing. Scene must be Editable.
<b>PartnerID</b>	(optional) ID of Partner. Editor uses Partner ID to determine Set of models and accessories to be made available. If missing, assumed to be Oddcast.
<b>EditorMode</b>	(optional) Editor Mode. If missing, Demo is used. 1 – Demo (default) 2 – Comment 3 – Edit 4 – Message 5 - Profile
<b>Edition</b>	Required for Demo mode if no session or user, ignored otherwise 1 - Enterprise 2 – Studio 3 – SitePal 4 – Voki
<b>SaveURL</b>	(optional) URL to call when 'Edit' operation is complete, and user presses an 'action button'. URL must end with ? or & The following param is tagged to the URL: op=0 – Cancel op=1 – Save op=2 – Send

Return values:

<b>Embed</b>	Editor Embed code
<b>Status</b>	0 – normal completion Possible error codes: 1,2,6,7,8,9
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngEditScene.php>

## mngEmbedScene

Retrieve embed code for a specific Scene  
Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>PHN</b>	To be removed

<b>AccountID</b>	Account ID to retrieve Scenes from
<b>ShowID</b>	ID of Show to embed. Required for Studio account, ignored for SitePal or Voki account.
<b>SceneID</b>	ID of Scene to embed. Use '0' if embedding a Show.
<b>FirstScene</b>	(optional) Index of first Scene, if embedding a Show. Indexes start at 1. Default is 1. Ignored for SitePal account.
<b>Method</b>	(optional) Type of embed code to retrieve, one of: "HTML" – HTML only embed code "FULL" – (default) Full featured embed code "FLASH" – Flash embed code Other Embed method ID as returned by mngGetEmbedMethods call
<b>Width</b>	Width in pixels of embed rectangle
<b>Height</b>	Height in pixels of embed rectangle
<b>PlayOnLoad</b>	1 – play on load; 0 – don't play on load
<b>Color</b>	(optional) Hex value for background color, or "T" for transparent - default: "FFFFFF"
<b>API</b>	(optional) include API (Y/N) - default: Y
<b>Secure</b>	(optional) use https (Y/N) – default: N
<b>Cursor</b>	To be removed

Return values:

<b>CodeH</b>	Header embed code (if relevant)
<b>Code</b>	Embed code
<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngEmbedScene.php>

## mngGetEmbedMethods

Retrieve a list of embed methods, applicable for given account

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>AccountID</b>	Account ID to retrieve embed methods for

Return values:

<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7
<b>Error</b>	If call failed, a textual description of the error.

For each embed method, the following info is returned:

<b>Id</b>	Unique ID of the embed method, to be used in mngEmbedScene call
<b>Name</b>	Display name of embed method

Example:

<https://vhost.oddcast.com/mng/testMngGetEmbedMethods.php>

## mngDeleteScene

Delete specified Scene.

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>SceneID</b>	ID of Scene to Delete.
<b>Context</b>	Only relevant for message Scene. Ignored otherwise. 1 - "Inbox" 2 - "Outbox"

Return values:

<b>Status</b>	0 – normal completion Possible error codes: 1,2,8
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngDeleteScene.php>

## mngCopyMoveScene\*

\*Restricted to Integrator Access

Copy or Move a Scene from one account to another.

Parameters:

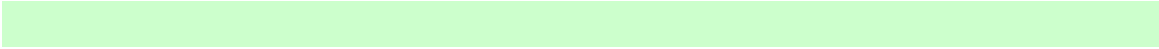
<b>PartnerID</b>	ID of partner – required for Integrator level calls.
<b>User</b>	Username of authorized user (email address) User must be SuperUser with appropriate permissions in the destination account.
<b>Pswd</b>	Password of authorized user
<b>SrcAccount</b>	Source account – must be a 'Visitor' account
<b>DstAccount</b>	Destination account
<b>SceneID</b>	ID of Scene to copy/move; Scene must be within Source account.
<b>Mode</b>	1 – copy 2 - move

Return values:

<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7,8
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMoveScene.php>



## MESSAGING

### mngListMessages

Retrieve message Scenes - sent or received – per specified account

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>AccountID</b>	Account ID to retrieve messages Scenes from
<b>SndRcv</b>	(optional) 1 – retrieve messages received by account (default) 2 – retrieve messages sent by account
<b>Status</b>	(optional) 0- All, 1-Permanent (default), 2-Temp. If missing, only Permanent Scenes are returned.
<b>N</b>	(optional) is the number of message Scenes to return. if N is missing all Scenes are returned. Note: N & Page Parameters are mutually exclusive
<b>PageNum</b>	(optional) 1-based index of requested page. If missing, all Scenes are returned. If greater than number of pages, last page is returned. Note: N & Page Parameters are mutually exclusive
<b>PageLen</b>	(optional) Number of entries per page. Must be provided if PageNum is specified. Note: N & Page Parameters are mutually exclusive

Return values:

<b>BaseURL</b>	Encoded path to folder of thumbnails
<b>CurrPage</b>	Index of page that was returned. 1 - If no page was requested.
<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7
<b>Error</b>	If call failed, a textual description of the error.

For each message Scene, the following info is returned:

<b>Id</b>	Unique ID of the Scene
<b>Status</b>	1-Permanent 2-Temp
<b>Name</b>	Message title
<b>MsgTxt</b>	Message text
<b>ModDTime</b>	Scene modification date-time
<b>SndDTime</b>	Scene sent date-time
<b>SndName</b>	Name of Sender
<b>SndEmail</b>	eMail of Sender
<b>RcpName</b>	Name of Recipient
<b>RcpEmail</b>	eMail of Recipient
<b>Thumb</b>	file name for thumbnail jpg – 50x50
<b>ThumbS</b>	file name for thumbnail jpg – 25x25
<b>AudioLen</b>	Length of Scene audio in seconds

<b>NumViews</b>	Number of Views for the Scene
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Example:

<https://vhost.oddcast.com/mng/testMngListMessages.php>

## mngSendScene

Sends specified Scene as a message or email to list of destination addresses.

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>AccountID</b>	Account ID to of Scene or Show to send
<b>ShowID</b>	ID of Show to send. Required for Studio account, ignored for SitePal or Voki account.
<b>SceneID</b>	ID of Scene to send. Use '0' if sending a Show.
<b>FirstScene</b>	(optional) Index of first Scene, if sending a Show. Indexes start at 1. Default is 1. Ignored for SitePal or Voki account.
<b>Title</b>	(optional) Message Title. If missing, Scene title is used
<b>Sender</b>	(optional) email of sender. If missing, first account admin is used
<b>Recipient</b>	Comma delimited list of recipients
<b>Message</b>	(optional) Text content of message
<b>SndMeCopy</b>	(optional) Y/N - if missing, no copy is sent
<b>Template</b>	(optional) Reserved for internal use
<b>Width</b>	(optional) Width in pixels of embed rectangle
<b>Height</b>	(optional) Height in pixels of embed rectangle
<b>Color</b>	(optional) Hex value for background color, or "T" for transparent - default: "FFFFFF"

Return values:

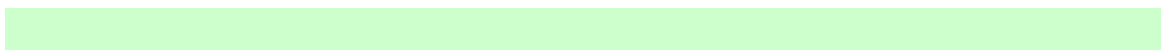
<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testSendScene.php>

## mngSendSceneToMobile

Send the specified scene to a given cell phone number  
TBD





## BACKGROUND MANAGEMENT

### mngUploadBg

Upload a background to an account and (optionally) assign it to a specific Scene. If Scene is not specified, the background is added to the account but not assigned to a Scene.

Supports all formats currently allowed in VHSS (swf and jpeg)

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<del><b>PHN</b></del>	To be removed
<b>AccountID</b>	Account to add background to.
<b>SceneID</b>	(optional) ID of Scene to which bg will be assigned. If not provided, bg will be added to the account but not assigned to a Scene.
<b>Name</b>	(optional) Name for the new background. If name is not provided, an automatic name is assigned.
<b>Resize</b>	(optional) Resize the background 0 – no resize 1 – resize to fit the display area (default value)
<b>File</b>	The background file

Return values:

<b>Name</b>	Name of new background (if upload was successful)
<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7,8,12
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngUploadBg.php>

### mngUploadBgByIndex

Upload a background to an account and (optionally) assign it to a specific Scene. If Scene is not specified, the background is added to the account but not assigned to a Scene.

Supports all formats currently allowed in VHSS (swf and jpeg)

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<del><b>PHN</b></del>	To be removed
<b>AccountID</b>	Account to add background to.
<b>ShowInd</b>	(optional) INDEX of show to which bg will be assigned (first is 1) – if present, account must be Studio. If missing, must be SP.
<b>SceneInd</b>	(optional) INDEX of Scene to which bg will be assigned

	(first is 1) - If not provided, bg will be added to the account but not assigned to a Scene.
<b>Name</b>	(optional) Name for the new background. If name is not provided, an automatic name is assigned.
<b>Resize</b>	(optional) Resize the background 0 – no resize 1 – resize to fit the display area (default value)
<b>File</b>	The background file

Return values:

<b>Name</b>	Name of new background (if upload was successful)
<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7,8,12
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngUploadBgByIndex.php>

### mngDeleteBg

Delete a background from an account. Background can only be deleted if not in use.

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>PHN</b>	To be removed
<b>AccountID</b>	Account to delete background from.
<b>BgName</b>	Name of the background to delete
<b>BgID</b>	ID of the background to delete Note: either name or ID must be provided.

Return values:

<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7,8,14,16
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngDeleteBg.php>

### mngListBg

Retrieve a list of account backgrounds.

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>PHN</b>	To be removed

<b>AccountID</b>	Account to list backgrounds from.
<b>Cat</b>	(optional) – Category name: if not specified, background from private category is returned.

Return values:

<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6
<b>Error</b>	If call failed, a textual description of the error.
<b>BaseURL</b>	URL to location of bg swf files

For each background, the following info is returned:

<b>ID</b>	Unique ID of the background
<b>Name</b>	Logical name of background
<b>FileName</b>	Name of the swf file.
<b>Cat</b>	Category of background

Example:

<https://vhost.oddcast.com/mng/testMngListBg.php>

## mngAssignBg

Assign an existing background to a specific Scene

Parameters:

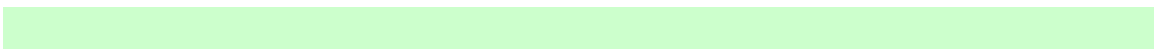
<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>PHN</b>	To be removed
<b>AccountID</b>	Account ID
<b>SceneID</b>	ID of Scene to which background will be assigned.
<b>BgName</b>	(optional) Name of the background to assign. If empty string, then 'none' is assigned.
<b>BgID</b>	(optional) ID of the background to assign. If 0 (zero), then 'none' is assigned Note: either name or ID must be provided.

Return values:

<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7,8,14
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngAssignBg.php>



## SKINS MANAGEMENT

### mngListSkins

Retrieve a list of account skins.

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>AccountID</b>	Account ID
<b>Type</b>	(optional) – one of: 1 BASIC 2 AI 3 FAQ 4 LEAD 5 CALLBACK If not specified, basic backgrounds are returned.
<b>Cat</b>	(optional) – Category name: if not specified, skins from all categories are returned

Return values:

<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7
<b>Error</b>	If call failed, a textual description of the error.
<b>BaseURL</b>	URL to location of skin thumbnail files

For each skin, the following info is returned:

<b>ID</b>	Unique ID of the skin
<b>Cat</b>	Category of skin
<b>Name</b>	Logical name of skin
<b>Thumb</b>	Name of the jpeg thumbnail file

Example:

<https://vhost.oddcast.com/mng/testMngListSkins.php>

### mngAssignSkin

Assign an existing skin to a specific Scene

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>AccountID</b>	Account ID
<b>SceneID</b>	ID of Scene to which background will be assigned.
<b>SkinID</b>	ID of the skin to assign. If 0 (zero), then 'none' is assigned

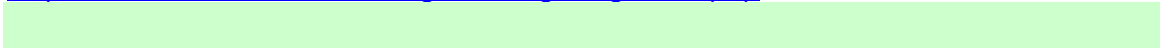
Return values:

<b>Status</b>	0 – normal completion
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	Possible error codes: 1,2,5,6,7,17
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngAssignSkin.php>



## AUDIO MANAGEMENT

### mngUploadAudio

Upload an audio to an account and (optionally) assign it to a specific Scene. If Scene is not specified, the audio is added to the account but not assigned to a Scene.

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>PIN</b>	To be removed
<b>AccountID</b>	Account ID
<b>SceneID</b>	(optional) ID of Scene to which audio will be assigned. If not provided, audio will be added to the account but not assigned to a Scene.
<b>AudioName</b>	(optional) Name for the new audio. If name is not provided, an automatic name is assigned.
<b>Bitrate</b>	One of - 16,32,48,64
<b>Enhancement</b>	A value between 0 and 5 (3 is recommended) 0 – no enhancement 5 – max enhancement
<b>AudioFile</b>	The audio file.

Return values:

<b>Name</b>	Name of new audio (if upload was successful)
<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7,8,13
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngUploadAudio.php>

### mngUploadAudioByIndex

Upload an audio to an account and (optionally) assign it to a specific Scene. Scene is specified by index. If Scene is not specified, the audio is added to the account but not assigned to a Scene.

Support all formats currently allowed in VHSS

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>PIN</b>	PIN for authorized access – either PIN or User/Pswd must be provided ( <a href="#">note: this call used by Telephony interface</a> )
<b>AccountID</b>	Account ID (as noted in Account Info area)
<b>ShowInd</b>	(optional) INDEX of show to which audio will be assigned (first is 1) – if present, account must be Studio. If missing,

	must be SP.
<b>SceneInd</b>	(optional) INDEX of Scene to which audio will be assigned (first is 1) - If not provided, audio will be added to the account but not assigned to a Scene.
<b>AudioName</b>	(optional) Name for the new audio. If name is not provided, an automatic name will be assigned.
<b>Bitrate</b>	One of - 16,32,48,64
<b>Enhancement</b>	A value between 0 and 5 (3 is recommended) 0 – no enhancement 5 – max enhancement
<b>AudioFile</b>	The audio file itself

Return values:

<b>Name</b>	Name of new audio (if upload was successful)
<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7,8,13,18,19
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngUploadAudioByIndex.php>

## mngRenameAudio

Rename an audio.

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>AccountID</b>	Account ID
<b>AudioName</b>	Name of the audio to rename
<b>AudioID</b>	ID of the audio to delete Note: either name or ID must be provided
<b>AudioNewName</b>	New name for audio; Max length 50 characters

Return values:

<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7,15
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngRenameAudio.php>

## mngDeleteAudio

Delete an audio from an account. Audio can only be deleted if not in use.

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be

	provided. If provided, Integrator IP restrictions apply.
<b>AccountID</b>	Account ID
<b>AudioName</b>	Name of the audio to delete
<b>AudioID</b>	ID of the audio to delete Note: either name or ID must be provided.

Return values:

<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7,15,16
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngDeleteAudio.php>

## mngListAudio

Retrieve a list of account audios.

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>PHN</b>	To be removed
<b>AccountID</b>	Account ID
<b>Cat</b>	(optional) – Category name: if not specified, audio from private category is returned.

Return values:

<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7,15
<b>Error</b>	If call failed, a textual description of the error.

For each Audio, the following info is returned:

<b>ID</b>	Unique ID of the Audio
<b>Name</b>	Logical name of audio
<b>Length</b>	Length of audio in seconds
<b>Creation</b>	One of: Uploaded, Recorded, Phone, TTS
<b>Bitrate</b>	Audio bitrate in Kbps
<b>Cat</b>	Category of audio

Example:

<https://vhost.oddcast.com/mng/testMngListAudio.php>

## mngAssignAudio

Assign an existing audio to a specific Scene

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.



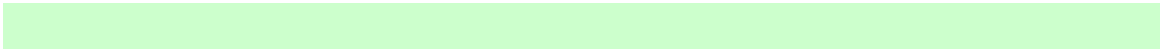
<b>PIN</b>	To be removed
<b>AccountID</b>	Account ID
<b>SceneID</b>	ID of Scene to which audio will be assigned.
<b>AudioName</b>	(optional) Name of the audio to assign. If empty string, then 'none' is assigned.
<b>AudioID</b>	(optional) ID of the audio to assign. If 0 (zero), then 'none' is assigned Note: either name or ID must be provided.

Return values:

<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7,8,15
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngAssignAudio.php>



## TTS AUDIO MANAGEMENT

### mngCreateTTSAudio

Create TTS audio and assign it to a Scene. A single stream is consumed. Account must support TTS.

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>PHN</b>	To be removed
<b>AccountID</b>	Account ID
<b>SceneID</b>	(optional) ID of Scene to which audio will be assigned. If not provided, audio will be added to the account but not assigned to a Scene.
<b>AudioName</b>	(optional) Name for the new audio. If name is not provided, an automatic name is assigned.
<b>Text</b>	Text to be processed into audio. SSML Tags may be used as part of the text - as documented in the VHost API Reference.
<b>VoiceID</b>	ID of Voice to be used - as documented in the VHost API Reference.
<b>LangID</b>	ID of Language to be used - as documented in the VHost API Reference.
<b>EngineID</b>	ID of Engine to be used - as documented in the VHost API Reference.
<b>FX</b>	(optional) ID of Audio effect to be applied, as specified in the <a href="#">Audio Effects Table</a>
<b>FXLevel</b>	(optional) Effect level to be applied. Required for some effects, ignored for others, as specified in the <a href="#">Audio Effects Table</a> .

Return values:

<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7,8,21,22,23
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngCreateTTSAudio.php>

### mngListTTSVoices

Retrieve a list of Text-To-Speech voices, available to account.

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>AccountID</b>	Account ID

Return values:

<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7
<b>Error</b>	If call failed, a textual description of the error.
<b>NumVoices</b>	Number of voices

For each Voice, the following info is returned:

<b>Name</b>	Voice Name
<b>Id</b>	Voice Index
<b>Lang</b>	Language Index
<b>Engine</b>	Engine Index

Example:

<https://vhost.oddcast.com/mng/testMngListVoices.php>

### mngListTTSLanguages

Retrieve a list of Text-To-Speech languages, available to account.

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>AccountID</b>	Account ID

Return values:

<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7
<b>Error</b>	If call failed, a textual description of the error.
<b>NumLang</b>	Number of languages

For each language, the following info is returned:

<b>Name</b>	Language Name
<b>Id</b>	Language Index

Example:

<https://vhost.oddcast.com/mng/testMngListLanguages.php>

### mngListTTSEngines

Retrieve a list of Text-To-Speech engines, available to account.

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>AccountID</b>	Account ID

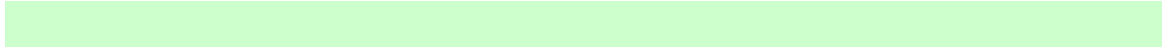
Return values:

<b>Status</b>	0 – normal completion
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	Possible error codes: 1,2,5,6,7
<b>Error</b>	If call failed, a textual description of the error.
<b>NumEng</b>	Number of engines
For each engine, the following info is returned:	
<b>Name</b>	Engine Name
<b>Id</b>	Engine Index

Example:

<https://vhost.oddcast.com/mng/testMngListEngines.php>



## TTS Domain MANAGEMENT

### mngAddTTSDomain \*

\* Restricted to Integrator Access

Add TTS domain for designated account. This adds a new (additional) licensed domain to the account, and optionally initializes it.

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>AccountID</b>	Account ID
<b>DomainName</b>	(optional) The new domain name to be added. Domain must be of the format – aaa.bbb.ccc.ddd or bbb.ccc.ddd. No path specification is allowed. If missing, a new empty domain is added.

Return values:

<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngCreateTTSDomain.php>

### mngEditTTSDomain

Edit TTS domain for designated account. The domain ID must match an existing domain in the account.

Parameters:

<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>AccountID</b>	Account ID
<b>DomainID</b>	ID of domain to edit.
<b>DomainName</b>	(optional) The new domain name. If missing, domain is cleared.

Return values:

<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngCreateTTSDomain.php>

## mngListTTSDomains

Retrieve a list of Text-To-Speech domains, defined for the account.

Parameters:

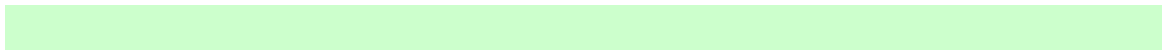
<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>AccountID</b>	Account ID

Return values:

<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7
<b>Error</b>	If call failed, a textual description of the error.
<b>NumDomains</b>	Number of Domains
For each domain, the following info is returned:	
<b>DomainName</b>	Domain Name
<b>Id</b>	Domain Index

Example:

<https://vhost.oddcast.com/mng/testMngListTTSDomains.php>



## Event Notification

### Event Notification Callback

Using Event Notification the Oddcast Management API initiates a call to your server, when a specified event takes place.

Event notifications can be turned ON from within your account, by specifying a URL on your servers for us to call.

Example of a URL you might enter:

<http://www.mycompany.com/oddcast/notifyme.php>

The Oddcast Management API will make an HTTP GET request to the URL with the following parameters:

<b>AID</b>	Account ID
<b>SID</b>	Scene ID - Scene to which event pertains
<b>EVT</b>	Event – one of: 'modified' – Scene has been modified. A Scene in your account has been modified. 'vidcreated' – video generation of the Scene (for viewing on non-flash devices) is complete.

Return value: function must return 1.

## Specialty

### mngExportTTSAudio \*,\*\*

\* Restricted to Integrator Access

\*\* Requires appropriate account permissions

Retrieve TTS audio from an account. Audio is retrieved as SWF or MP3. TTS export abilities must be assigned to the account. A single stream is consumed. Returned audio will be deleted within 30 min. of this function call – the assumption being that it is retrieved immediately.

Parameters:

<b>PartnerID</b>	ID of partner – required for Integrator level calls.
<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token must be provided. If provided, Integrator IP restrictions apply.
<b>PIN</b>	To be removed
<b>AccountID</b>	Account ID
<b>Format</b>	"MP3" or "SWF" – encoding is performed according to Oddcast standards and cannot be controlled.
<b>Bitrate</b>	(optional) Bitrate of the generated audio, in kbits/sec – one of: 16, 32, 48, 64, 80, 96. Default: 16. Note: the requested bitrate affects the sampling rate as follows: 16 & 32 --> 11 khz 48 & 64 --> 22 khz 80 & 96 --> 44 khz As the audio is originally generated with a sampling frequency of 22 khz, no quality can be gained by using 80 or 96.
<b>LipSync</b>	(optional & only relevant for Format=SWF option) "1" – Normal LipSync Data included (default) "2" – Volume LipSync Data included
<b>Text</b>	Text to be processed into audio. SSML Tags may be used as part of the text - as documented in the VHost API Reference.
<b>VoiceID</b>	ID of Voice to be used - as documented in the VHost API Reference.
<b>LangID</b>	ID of Language to be used - as documented in the VHost API Reference.
<b>EngineID</b>	ID of Engine to be used - as documented in the VHost API Reference.
<b>FX</b>	(optional) ID of Audio effect to be applied, as specified in the <a href="#">Audio Effects Table</a>
<b>FXLevel</b>	(optional) Effect level to be applied. Required for some effects, ignored for others, as specified in the <a href="#">Audio Effects Table</a> .

Return values:

<b>Path</b>	Full path to retrieve new audio (if successful)
<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7,21,22,23
<b>Error</b>	If call failed, a textual description of the error.

Example:



<https://vhost.oddcast.com/mng/testMngExportTTSAudio.php>

### **mngExportAudio \*,\*\***

\* Restricted to Integrator Access

\*\* Requires appropriate account permissions

Retrieve one or more audios from an account. Audios are retrieved as a link to a zip package. Export abilities must be assigned to the account. A single stream is consumed per each audio exported. Generated zip package will be deleted within 30 min.

Parameters:

<b>PartnerID</b>	ID of partner – required for Integrator level calls.
<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>AccountID</b>	Account ID
<b>Format</b>	“MP3” or “SWF” – encoding is performed according to Oddcast standards and cannot be controlled.
<b>Audio</b>	(optional) Effect level to be applied. Required for some effects, ignored for others, as specified in the <a href="#">Audio Effects Table</a> .
Following parameters should be repeated for all audios to be exported, with values of “n” starting at 1.	
<b>AudName[n]</b>	(optional) String. Unique logical name of audio.

Return values:

<b>Path</b>	Full path to zip package containing exported audio (if successful)
<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7,15,23
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngExportAudio.php>

### **mngExportVideo \*,\*\***

\* Restricted to Integrator Access

\*\* Requires appropriate account permissions

Generate a Video from specified Scene. Video may be generated in any of the indicated formats. Video export abilities must be assigned to the account. Video Export time is taken off per each call made, and a single stream is consumed. Returned video will be deleted within 20 min. of this function call – the assumption being that it is retrieved immediately.

**Note: if TTS audio assigned to Scene, then TTS export abilities must be assigned to the account.**

Parameters:

<b>PartnerID</b>	ID of partner – required for Integrator level calls.
<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>PHPSESSID</b>	Secure session token. Either User/Pswd or Token

	<del>must be provided. If provided, Integrator IP restrictions apply.</del>
<b>PHN</b>	To be removed
<b>AccountID</b>	Account ID
<b>ShowID</b>	ID of Show to Export. Required for Studio account, ignored for SitePal account.
<b>SceneID</b>	(optional) ID of Scene to Export. If missing, entire show is exported.
<b>Format</b>	"MP4"   "AVI"   "3GP"   "WMV"
<b>Quality</b>	"Low"   "Med" – high quality setting is not supported by the API
<b>Width</b>	Width in pixels of file to be produced (max dim. 320x240)
<b>Height</b>	Height in pixels of file to be produced (max dim. 320x240)
	Note: for 3gp format, possible dimensions are only – 128x96 or 176x144
<b>Frame</b>	0 = Fit to frame, 1= cover frame
<b>Archive</b>	Package video file into archive? 0 – no archive 1 – zip archive 2 – tar archive
In some case audio is to be assigned dynamically to the Scene for video generation. The assignment is temporary and the audio discarded after this operation. Any of the following paramters may be used to specify the audio: File, ID, Name, TTS Specification (test, voice, lang, engine)	
<b>AudioFile</b>	(optional) Binary of temporary audio file – file may be base64 encoded
<b>AudioID</b>	(optional) Audio ID to be used as audio of the scene
<b>AudioName</b>	(optional) Audio Name to be used as audio of the scene
<b>Text</b>	(optional) Text to be used to create audio for the scene
<b>VoiceID</b>	(optional) Voice to be used
<b>LangID</b>	(optional) Language to be used
<b>EngineID</b>	(optional) Engine to be used

Return values:

<b>Path</b>	Full path to retrieve new video (if successful)
<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7,8,18,31,32,33
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngExportVideo.php>

**mngExportScene \*\***

**\*\* Requires appropriate account permissions**

Export a specified Scene. Export abilities must be assigned to the account. Export time is deducted per each call made. Scene is provided as a .zip or .tar archive, containing several files required for playback. Returned Scene will be deleted within 20 min. of this function call – the assumption being that it is retrieved immediately.

**Note: if TTS audio is assigned to Scene, then TTS export abilities must be assigned to the account.**

Parameters:

<b>PartnerID</b>	ID of partner – required for Integrator level calls.
<b>User</b>	Username of authorized user (email address)
<b>Pswd</b>	Password of authorized user
<b>AccountID</b>	Account ID
<b>ShowID</b>	ID of Show to Export. Required for Studio account, ignored for SitePal account.
<b>SceneID</b>	(optional) ID of Scene to Export. If missing, entire show is exported.
<b>Archive</b>	Package as: 1 – zip archive 2 – tar archive

Return values:

<b>Path</b>	Full path to retrieve Scene (if successful)
<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7,8,18
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngExportScene.php>

### **mngMixAudios \*, \*\***

\* Restricted to Integrator Access

Mix the specified audios into a single audio track. Numerous audios may be provided along with a start time (offset) for each. The number of audios is limited to a maximum of 30. Audios to be mixed should be uploaded to the account in advance for best performance, or they can be provided as URLs to mp3 files, which can reside anywhere on the web. Account audios are specified by their unique logical name. A minimum of 2 audios must be provided. A maximum length of 60 seconds applies. Audios longer than 60 seconds may be truncated or generate an error.

Note:

- An audio effect whose offset is greater than the Length will be omitted from the mix.
- An audio effect where the loop exceeds the Length will be cut.

Parameters:

<b>PartnerID</b>	ID of partner – required for Integrator level calls.
<b>User</b>	Username of authorized user (email address).
<b>Pswd</b>	Password of authorized user
<b>AccountID</b>	ID of account. User must have access permissions to account.
<b>Length</b>	Length of mixed audio to generate, in milliseconds. Max value: 60,000 (1 min.)

<b>Bitrate</b>	(optional) Desired bitrate for output. Default: 32000. Value must be in the range [16000,192000]
<b>SampleRate</b>	(optional) Desired sample rate of output. One of: 22050 or 44100. Default: 22050. Value must be in the range [16000,128000]
<b>Mono</b>	(optional) Boolean. Force output to be Mono. Default value: 0. If any of the input audios are stereo, the output will be stereo, unless this flag is set to 1.
Following parameters should be repeated for all audios, with values of "n" starting at 1. Must provide either Name or URL for each audio, but not both.	
<b>AudName[n]</b>	(optional) String. Unique logical name of audio from account.
<b>AudURL[n]</b>	(optional) String. URL to MP3 Audio. URL must be encoded.
<b>AudLoop[n]</b>	(optional) Integer. Number of consecutive playbacks. Default=1
<b>AudOff[n]</b>	(optional) Integer. Time in ms – offset from start. Default=0
<b>AudVol[n]</b>	(optional) Integer. Volume. 0 to 100. Default=100.

Return values:

<b>MixURL</b>	URL to the mixed MP3 audio. Audio must be picked up within 30 minutes.
<b>Status</b>	0 – normal completion Possible error codes: 1,2,5,6,7,15,63,999
<b>Error</b>	If call failed, a textual description of the error.

Example:

<https://vhost.oddcast.com/mng/testMngMixAudios.php>

## APPENDIX 1 – ERROR CODES

Code	Description
0	normal completion
1	authentication failed, or user has no permissions for specified operation.
2	unauthorized IP
3	no such template account
4	no such user
5	no such account
6	invalid parameter
7	required parameter is missing
8	no such Scene
9	non editable Scene cannot be changed
10	invalid media ID
11	invalid Scene name
12	invalid image format or type
13	invalid audio format or type
14	no such background
15	no such audio / no audios available
16	asset could not be deleted – is in use
17	no such skin
18	no such Show
19	inappropriate account edition
20	user already exists
21	TTS processing overloaded
22	TTS processing timeout
23	export unavailable or limit exceeded
31	video processing overloaded (try again later)
32	video processing timeout
33	video export unavailable or limit exceeded
34	character is not assigned to the scene
41	new user: invalid email format
42	new user: invalid pswd format
50	User already active
51	<a href="#">cannot login - user not yet activated</a>
52	<a href="#">cannot login - user must reset pswd</a>
53	<a href="#">cannot login - user must approve T&amp;C</a>
61	audio duration exceeds limit
62	invalid audio duration
63	audio Processing (APS) Error
64	audio file is corrupted
999	other error

## **APPENDIX 2 – Audio Effects Table**

<b>FX ID</b>	<b>Name</b>	<b>Levels</b>
1	Pitch	-3, -2, -1, 1, 2, 3
2	Speed	-3, -2, -1, 1, 2, 3
3	Duration	-3, -2, -1, 1, 2, 3
4	Robotic1	
5	Robotic2	
6	Echo	
7	Reverb	
8	Flanger	
9	Phase	
10	Bullhorn	
11	Chorus	
12	Whisper	1,2,3