

Asterisk Core Server Configuration

This page is currently being written. Although the information below is probably accurate, it may not be complete or may have errors.

The information on this page applies to **iSymphony 3.1+**.

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Description

The Asterisk core server configuration REST resource allows access to the top level Asterisk specific configuration for a core server. This resource allows modification of the top level Asterisk configuration for a core server.

Root Resource Path

```
communication_manager/rest/config/asterisk
```

JSON Representation

```
{
  "id": "ff2e69f0-01eb-43b0-a8cd-de47e0674229",
  "serverId": "fe205631-d5f8-4e88-9698-0e5a645e6bca",
  "tenantId": "",
  "ringStatusEnabled": true,
  "pageStatusEnabled": true,
  "confBridge": true,
  "originatingContext": "from-internal",
  "redirectingContext": "from-internal",
  "musicOnHoldClass": "default",
  "originateTimeout": 30000
}
```

Property	Type	Description
id	String	Configuration id of the top level Asterisk configuration object.
serverId	String	The core server id the Asterisk configuration is for.
tenantId	String	The tenant id of the core server.
ringStatusEnabled	Boolean	Flag specifying if ringing status should be shown or not. Not currently used.
pageStatusEnabled	Boolean	Flag specifying if page status should be shown or not. Not currently used.
confBridge	Boolean	Flag specifying if app_confbridge is used for dynamic conferences or not.

originatingContext	String	Entry point dialplan context for all call originations made in the panel.
redirectingContext	String	Entry point dialplan context for all call transfers made in the panel.
musicOnHoldClass	String	Music on hold class used when placing calls on hold in the panel.
originateTimeout	String	Number of milliseconds to ring the origination extension when making a new call in the panel, before timing out.

Resource Paths

<code>communication_manager/rest/config/asterisk</code>	
Description	Accesses the top level Asterisk configuration for all core servers.
GET	Gets the top level Asterisk configuration for all core servers.
<code>communication_manager/rest/config/asterisk/{coreServerId}</code>	
Description	Accesses the top level Asterisk configuration for a specific core server. Parameters: <ul style="list-style-type: none"> • <code>coreServerId</code>: The core server id.
GET	Gets the top level Asterisk configuration for a specific core server. Errors: <ul style="list-style-type: none"> • 404 'Failed to locate the core server with the given id': Returned if no core server exists with the given id.
PUT	Updates the top level Asterisk configuration. Errors: <ul style="list-style-type: none"> • 404 'Failed to locate the core server with the given id': Returned if no core server exists with the given id. • 412 'No originatingContext provided.': Returned if no originating context was provided. • 412 'No redirectingContext provided.': Returned if no redirecting context was provided. • 412 'No musicOnHoldClass provided.': Returned if not music on hold class was provided.

Sub/Child Resource Paths

<code>communication_manager/rest/config/asterisk/{coreServerId}/pbxServers</code>	
Description	Access the sub/child resource for the PBX server connections. Parameters: <ul style="list-style-type: none"> • <code>coreServerId</code>: The id of the core server. Errors: <ul style="list-style-type: none"> • 404 'Failed to locate the core server with the given id': Returned if no core server exists with the given id. See Asterisk PBX Server Configuration for more information.

communication_manager/rest/config/asterisk/{coreServerId}/extensions

Description	Access the sub/child resource for extensions. Parameters: <ul style="list-style-type: none">coreServerId: The id of the core server. Errors: <ul style="list-style-type: none">404 'Failed to locate the core server with the given id': Returned if no core server exists with the given id. See Asterisk Extension Configuration for more information.
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communication_manager/rest/config/asterisk/{coreServerId}/queues

Description	Access the sub/child resource for queues. Parameters: <ul style="list-style-type: none">coreServerId: The id of the core server. Errors: <ul style="list-style-type: none">404 'Failed to locate the core server with the given id': Returned if no core server exists with the given id. See Asterisk Queue Configuration for more information.
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communication_manager/rest/config/asterisk/{coreServerId}/parkingLots

Description	Access the sub/child resource for parking lots. Parameters: <ul style="list-style-type: none">coreServerId: The id of the core server. Errors: <ul style="list-style-type: none">404 'Failed to locate the core server with the given id': Returned if no core server exists with the given id. See Asterisk Parking Lot Configuration for more information.
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communication_manager/rest/config/asterisk/{coreServerId}/conferenceRooms

Description	Access the sub/child resource for conference rooms. Parameters: <ul style="list-style-type: none">coreServerId: The id of the core server. Errors: <ul style="list-style-type: none">404 'Failed to locate the core server with the given id': Returned if no core server exists with the given id. See Asterisk Conference Room Configuration for more information.
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communication_manager/rest/config/asterisk/{coreServerId}/extensionGroups

Description	Access the sub/child resource for extension groups. Parameters: <ul style="list-style-type: none">• <code>coreServerId</code>: The id of the core server. Errors: <ul style="list-style-type: none">• 404 'Failed to locate the core server with the given id': Returned if no core server exists with the given id. See Asterisk Extension Group Configuration for more information.
<code>communication_manager/rest/config/asterisk/{coreServerId}/voicemailAgentIdentifiers</code>	
Description	Access the sub/child resource for extension groups. Parameters: <ul style="list-style-type: none">• <code>coreServerId</code>: The id of the core server. Errors: <ul style="list-style-type: none">• 404 'Failed to locate the core server with the given id': Returned if no core server exists with the given id. See Asterisk Core Server Voicemail Agent Configuration for more information.
<code>communication_manager/rest/config/asterisk/voicemailAgents</code>	
Description	Access the sub/child resource for the voicemail agents connected to the system. See Asterisk Voicemail Agent Configuration for more information.
<code>communication_manager/rest/config/asterisk/recordingAgents</code>	
Description	Access the sub/child resource for the recording agents connected to the system. See Asterisk Recording Agent Configuration for more information.

Curl Examples

Get the top level Asterisk configuration for all core servers

```
curl --user manager:manag3rpa55word -k -i -H "Accept: application/json" http://localhost:58080/communication_manager/rest/config/asterisk
```

Get the top level Asterisk configuration for a specific core server

```
curl --user manager:manag3rpa55word -k -i -H "Accept: application/json" http://localhost:58080/communication_manager/rest/config/asterisk/56cf70a3-1ee0-4b09-8f40-297430eeddf
```

Update the top level Asterisk configuration

```
curl --user manager:manag3rpa55word -k -i -H "Content-Type: application/json" -H "Accept: application/json" -X PUT -d '{"id":"ff2e69f0-01eb-43b0-a8cd-de47e0674229","serverId":"56cf70a3-1ee0-4b09-8f40-297430eeeddf","tenantId":"","ringStatusEnabled":true,"pageStatusEnabled":true,"confBridge":true,"originatingContext":"from-internal","redirectingContext":"from-internal","musicOnHoldClass":"default","originateTimeout":30000}' http://localhost:58080/communication_manager/rest/config/asterisk/56cf70a3-1ee0-4b09-8f40-297430eeeddf
```