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Genesys Rules System REST API Reference Guide

Authentication

Authentication

API	METHOD	Syntax	Request Body	Response Body	HTTP Status Codes	Notes
Login	GET	[+]Show /grs/v1/login	N/A	[+]Show <pre>{ "apiToken": "749cf21d112cc88cdeb72c441724ecb71e53a6a7666e847200ca9593f96f5e", "lastLogin": 1000, }</pre>	200 OK—Response Body Provided 401 Unauthorized—Userid/Password not valid 422 Unprocessable Entry 503—Service Unavailable 1001—No User Connection 1002—Client port bind failed Additional Errors:	- Userid and Password are provided in the basic authorization header. - apiToken—A unique session "apiToken" is returned on a successful login. "Userid" and "apiToken" must be included on subsequent requests via the basic authorization header. - lastLogin—(if available from config server) is returned as a long representing time in ms since epoch.

API	METHOD	Syntax	Request Body	Response Body	HTTP Status Codes	Notes
					1003—Max Connections Exceeded	
Change Password and Login	PUT	[+]Show /grs/v1/changepassword	[+]Show <pre>{ "newPassword": "AnotherPw" }</pre>	[+]Show <pre>{ "apiToken": "749cf21d112cc88cde72c441724ec0b71e53a6a7666e847209cae9593f96f5e", "lastLogin": 0 }</pre>	200 OK—Response Body Provided 401 Unauthorized—If Original Password not valid 503—Service Unavailable	A user cannot simply change their password at any time. The password must expire or the flag to "reset" password must be enabled in Configuration Server. When a user attempts to log in and gets the "Password Change Required" error, they can then use this API to change their password and log in. UserID and Original Password are provided in the basic authorization header. The new password is passed in the request body. If the password change is successful, the API token and last login time (if available) will be returned (just like normal login).

API	METHOD	Syntax	Request Body	Response Body	HTTP Status Codes	Notes
Logout	GET	[+]Show /grs/v1/logout Optional Parameters: • &force=true—logout even if there are locked resources. Any locked resources will automatically be unlocked.	N/A	N/A	• 204 No Content—Logout successful • 401 Unauthorized—User not logged in or API Token not otherwise recognized • 422 Unprocessable Entry—User has locked resources: [+]Show <pre>{ "message": "User has locked resources", "resource": ["dmd:Rule-100", "package3:DT-163", "Calendar-200"] }</pre> • 503—Service Unavailable	
Query Locks	GET	[+]Show /grs/v1/querylocks	N/A	[+]Show <pre>{ "message": "User has locked resources", "resource": ["dmd:Rule-100", "package1:DT-163", "Calendar-200"] }</pre>	• 200 OK—Response body provided • 204 No Content—User has no locked resources • 401	

API	METHOD	Syntax	Request Body	Response Body	HTTP Status Codes	Notes
				}	Unauthorized—APIToken not valid • 503—Service Unavailable	
Permissions	GET	[+] Show /grs/v1/permissions/{tenantId}	N/A	[+] Show { "canCreatePackage":true, "canModifyPackage":true, "canDeletePackage":true, "canDeployPackage":true, "canViewRule":true, "canCreateRule":true, "canModifyRule":true, "canEditRuleOnly":false, "canDeleteRule":true, "canViewCalendar":true, "canCreateCalendar":true, "canModifyCalendar":true, "canDeleteCalendar":true, "canViewPackageSnapshot":true, "canCreatePackageSnapshot":true, "canDeletePackageSnapshot":true, "canViewTestScenario":true, "canCreateTestScenario":true, "canModifyTestScenario":true, "canDeleteTestScenario":true, "canExecuteTestScenario":true, "canCreateTemplate":true, "canModifyTemplate":true,	200 OK—Response body provided • 401 Unauthorized—APIToken not valid • 403 Forbidden—User does not have permission for the specified tenant • 503—Service Unavailable	User must have permission to the specified tenant ID. Use Query Tenants to get a list of valid tenant IDs for this logged in user.

API	METHOD	Syntax	Request Body	Response Body	HTTP Status Codes	Notes
				<pre>"canDeleteTemplate":true }</pre>		