JD Edwards EnterpriseOne Tools

REST API for Server Manager Guide

9.2

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Part Number: E80710-30

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Preface

Welcome to the JD Edwards EnterpriseOne documentation.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at *http:// www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc* .

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit *http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info* or visit *http://www.oracle.com/pls/topic/ lookup?ctx=acc&id=trs* if you are hearing impaired.

Related Information

For additional information about JD Edwards EnterpriseOne applications, features, content, and training, visit the JD Edwards EnterpriseOne pages on the JD Edwards Resource Library located at:

http://learnjde.com

Conventions

The following text conventions are used in this document:

Convention	Meaning
Bold	Boldface type indicates graphical user interface elements associated with an action or terms defined in text or the glossary.
Italics	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`Monospace`	Monospace type indicates commands within a paragraph, URLs, code examples, text that appears on a screen, or text that you enter.
> Oracle by Example	Indicates a link to an Oracle by Example (OBE). OBEs provide hands-on, step- by-step instructions, including screen captures that guide you through a process using your own environment. Access to OBEs requires a valid Oracle account.

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1 REST API for Server Manager

REST API for Server Manager

Server Manager REST Enablement: Technical Details

You can use the Server Manager REST APIs from any REST client such as cURL, Ruby, Postman, and ARC.

This enables exposing the Server Manager Console and Agents functionality without the need to use the Server Manager UI.

The Server Manager REST APIs are certified with the latest versions of WebLogic Application Servers, starting with the 9.2.1 Tools release.

SMC REST Endpoint - `https://<hostname>:<port>/manage/mgmtrestservice`

For example, `https://jdeRest.example.com:8999/manage/mgmtrestservice`

The Server Manager REST APIs are invoked by the JD Edwards One Click Provisioning process internals to automate the provisioning of EnterpriseOne in Oracle Cloud.

The HTTP and HTTPS methods supported are:

- POST (for all Create / Update/ Manage Operations)
- GET (for all Read Operations)
- PUT (for Upload Operation)
- DELETE (for all Delete Operations)

Server Manager REST API Security

The following authentication schemes are supported:

- Username and Password (for first request only)
- Basic AUTHORIZATION Header (for first request and subsequent requests)
- TOKEN Header (for subsequent requests)
- TOKEN Cookie (for subsequent requests)

The existing Server Manager Console Authorization is applicable.

The following is a sample cURL Authenticate request using username and password:

```
curl -X POST -H "Content-Type: application/json" -H "Cache-Control: no-cache" -d '{"username":"jde_admin",
"password":"password"}' https://denRest.example.com:8999/manage/mgmtrestservice/authenticate
```

Server Manager REST APIs

If you are using a Microsoft Windows based Server Manager Agent, use this input format for the jdeHome parameter:
`jdeHome=C:\jde_home_2\SCFHA`

For example, `https://jdesmc.example.com:8998/manage/mgmtrestservice/instancestate?`
`instanceName=tqa_923_lnx_jas_jdesmc_21500&agentHostName=jdeSMAserver.example.com&jdeHome=C:\jde_home_2\SCFHA`

Example Request URL: `https://jdesmc.example.com:8998/manage/mgmtrestservice/updateloglevel`

Example Request:
`{"instanceName":"tqa_923_lnx_jas_jdesmc_21500","agentHostName":"jdesma.example.com","jdeHome" : "C:\\jde_home_2\`
`\SCFHA","loggingLevel":"APP","logName":"E1LOG"}`

These tables describe the list of Server Manager REST APIs and their descriptions:

- *REST APIs for Authentication*

REST API Name	REST API Description
authenticate	Authenticates the user. Returns a TOKEN value in the Response Header which is used to perform subsequent different operations.
refresh	Extends the lifetime of the above created TOKEN by 30 minutes. You must pass a valid TOKEN for the same.
changewlsinstancepwd	Changes the password on the Server Manager Agent side as well as the WebLogic side for all the domains within a WebLogic Server instance for the WebLogic administrator account.
changedbschemapwd	Changes the password of the individual schemas or the database user.
changeadminpwd	Changes password of the Server Manager Console.
changecomponent	Updates the managed instance component to a new version.
changecomponent64 (Release 9.2.3)	Updates the managed instance component to a new version for 64-bit. (Release 9.2.3)
changecomponent64 (Release 9.2.4)	Updates the managed instance component to a new version for 64-bit. (Release 9.2.4)
changecomponent64 (Release 9.2.6)	Updates the managed instance component to a new version for 64-bit. (Release 9.2.6)
changecomponent64 (Release 9.2.7.0)	Updates the managed instance component to a new version for 64-bit. (Release 9.2.7.0)

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REST API Name	REST API Description
dbschemacomponent	Retrieves the deployed or the current deploying DB schema component name.
changedbsyspwd	Changes the locally stored password of the database instance to a new password.
dbschemacomponent	Retrieves the deployed or the current deploying DB schema component name.

- *REST APIs for Provisioning*

REST API Name	REST API Description
createinstance	Creates the EnterpriseOne instance. For example, HTML, RTE, AIS, ENTERPRISE, and BSSV Servers.
registerdepserver	Registers an existing Deployment Server instance.
registerentserver	Registers an existing Enterprise Server instance.
deleteinstance	Deletes any managed instance.
registerwls	Registers a WebLogic Server instance.
uploadcomponent	Uploads software components to the Server Manager Console.
distributecomponent	Distributes the managed component from the Server Manager Console to any of the Server Manager Agent.
createwlsserver	Creates a J2EE container within a WebLogic Server instance.
deletewlsserver	Deletes a J2EE container within a WebLogic Server instance.
deploypathcode	Deploys the path code.
iniconfig	Gets INI config in JSON format for any of the EnterpriseOne instances such as HTML, RTE, AIS, ENTERPRISE, BSSV servers, and so on.

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REST API Name	REST API Description
gensmcsitekey	Generates and gets the sitekey used by the security server and the port used by the Server Manager Console.
encr	Encrypts any textual data passed to this API.
decr	Decrypts any textual data passed to this API.
createoradbinstance (Release 9.2.1.2)	Creates JDE schema on DBCS or Compute DB.
createweblogicdomain (Release 9.2.1.2)	Creates a WebLogic domain, starts the node manager, and creates a machine that is in a reachable state.
dbdeleteschema (Release 9.2.1.2)	Deletes the deployed schemas from an ORADB instance.
dbdeleteschemastatus (Release 9.2.1.2)	Retrieves current status for a previous call to dbdeleteschema.
createadfinstance (Release 9.2.1.2)	Creates an ADF Server instance.
createorchinstance (Release 9.2.1.2)	Creates an Orchestrator Studio Server instance.
createmssqldbinstance (Release 9.2.2)	Creates an MS SQL DB instance.
createdb2dbinstance (Release 9.2.2.4)	Creates an IBM i DB instance.
wlsinstanceserversinfo	Returns information about the server for the WebLogic managed instance within the Server Manager Console.
instanceexist	Checks if the managed instance with the passed 'Instance Name' exists within the Server Manager Console.
createautonomousdb (Release 9.2.5.3)	Creates JDE schema on an Autonomous DB instance in Oracle Cloud Infrastructure.
entserverenvvariables (Release 9.2.26.0)	API to get the environment values of an enterprise server.
deleteagentcomponents (Release 9.2.26.0)	API to delete the specified list of components from the passed agent components list.

REST API Name	REST API Description
deleteconsolecomponents (Release 9.2.26.0)	API to delete the specified list of components from the consolecomponents list.

- *REST APIs for Monitoring*

REST API Name	REST API Description
homesupdatestatus	Gets the status of the Managed Homes on the Server Manager Console. Response includes information about Managed Home that requires an update or if it is already updated.
servergroupinfo	Provides information about server group including server group names, members, and description.
homesinfo	Retrieves information for all the Managed Homes.
agentinfo	Returns information about a particular agent.
instancesinfo	Gets information about each managed instance created in the Server Manager Console. Returns unknown state for the instances that are under the offline agent.
wlsdomaininfo	Lists the domains in a particular WebLogic Server instance.
wlsserverinfo	Gets information about the WebLogic Server.
wlsclustersinfo	Gets information about the clusters in the WebLogic server.
applicationversion	Retrieves the app version of the deployed path code.
dbschemastatus	Retrieves the deployment status of the DB schema.
pathcodes	Retrieves all the path codes deployed for the respective Enterprise Server instance.
targettype	Gets the target type of a managed instance.

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REST API Name	REST API Description
instancestate	Gets the state of the managed instance.
consolecomponents	Gets the managed components on the Server Manager Console.
agentcomponents	Gets the managed components on a particular Server Manager Agent.
smcsecurityserverconf	Gets the security server and the port used by Server Manager Console.
dbschemaflags	Retrieves all of the DB schema flags.
deploydbschema	Deploys additional schemas.
getinstanceaccessinfo (Release 9.2.2.2)	Gets the access configuration information of the managed instance.
agentinfo (Release 9.2.8.2)	Returns information about a particular agent.
weblogicinfo (Release 9.2.8.2)	Returns information about a particular weblogic server.
weblogicdomaininfo (Release 9.2.8.2)	Returns information about a weblogic domains which are configured in the middleware.

- *REST APIs for Manage and Update Operations*

REST API Name	REST API Description
startinstance	Starts all the managed instances within a Server Manager Console.
stopinstance	Stops any managed instance.
startallinstances	Starts all the managed instances within a Server Manager Console.
stopallinstances	Stops all the managed instances within a Server Manager Console.
stopwlsserver	Stops the J2ee container within a WebLogic Server instance.
startwlsserver	Starts the J2ee container within a WebLogic Server instance.

REST API Name	REST API Description
updateagent	Updates the selected Managed Home component to the new version.
updateallagents	Updates all the required Managed Homes to new version.
updateIniconfig	Updates INI config through JSON for any EnterpriseOne instances such as HTML, RTE, AIS, ENTERPRISE, BSSV servers, and so on.
updatejdesystem	Runs the final wiring script to update the hostname/ip/port for different servers such as SMC, ENT, DEP, JAS, BSSV, AIS, and BIP.
updatesmcsecurityserver	Updates security server and port used by the Server Manager Console.
updatemultijdesystem (Release 9.2.1.2)	Updates the EnterpriseOne tables such as OCM, DSM, and so on to work with multiple ENT and JAS servers.
updateinstanceaccessinfo (Update 9.2.2.2)	Updates the access configuration information of the managed instance.

- *REST APIs for Runtime Metrics (Tools Update Release 9.2.2)*

REST API Name	REST API Description
instanceinfometric	Displays the instance uptime and online users' information of the HTML, AIS, and RTE servers. Additionally, it will also display the user login status for the HTML server.
javamemoryusage	Displays the Java memory usage data of the HTML, AIS, and RTE servers.
callobjectstats	Displays the call object statistics of the HTML server.
jdbjpooledconnections	Displays the details of the JDBj Pooled Database connections of the HTML server.
rungc	Executes the garbage collection, and clears up the HEAP memory used for the given instance.
updateloglevel	Enables the user to change the log level of the logs present in the given instance. It will also execute the synchronizing task for the JAS, AIS, Orchestrator, and ADF instances.
jdbjdatabasecaches	Displays the JDBj Database caches for the given HTML instance.

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REST API Name	REST API Description
clearjdbjdatabasecaches	Clears the JDBj Database caches for the given HTML instance.
cleardatacaches (Release 9.2.3.4)	Provides the functionality to clear Form Extension, Personalized Form, and Search Group caches for the HTML server. In case of an AIS server, it clears orchestration and notification, form service and data service, and read data caches.
entserverinstanceinfo	Provides instance information of the Enterprise Server.
entserverprocessmetric	Provides detailed information of all the processes of the Enterprise Server. Connected users who are tagged in the response will be shown only for Call Object and Security Kernel processes because other process types do not have this information.
entserverprocessmetric (Release 9.2.26.0)	This API performs the specified action(ex. clearZombies) on all processes of an Enterprise Server.
entserverprocessmetric/{processId} (Release 9.2.26.0)	This API performs the specified action (ex. clearZombie or recycleKernel) on the specified process of Enterprise Server.
cleartablecache	Provides feature to clear table cache for the Enterprise Server. The user can choose to clear single cache, multiple table cache, or even caches for all the tables.
configsummary	Provides detailed information about the configuration INIs for a given instance.
useractivity	Provides detailed information about the logged-in users of the HTML, AIS, and the Enterprise servers.

- *REST APIs for Health Check (Tools Update Release 9.2.2)*

API Name	Description
health	Provides a health check summary of the instances.

- *REST APIs for Centralized Configuration (Tools Update Release 9.2.7)*

API Name	Description
saveCentraizedConfiguration	Saves the configuration for e1central.properties file.

API Name	Description

- *REST APIs for TLS Automation (Tools Update Release 9.2.8)*

API Name	Description
uploaddistributecert	Uploads the certificate and keyStore files to Server Manager Console and its running Agents.
validatetlsconfig	Validates the trustStore and keyStore files with the provided passwords.
applytlsconfigandrestart	Applies the TLS configuration to Server Manager Console and its running Agents. Also, restarts the Server Manager Console and Agents.
gettlsconfiginfo	Gets the TLS configuration information.

- *REST APIs for Server Manager Server Group (Tools Update Release 9.2.8)*

API Name	Description
servergroupinfo	Retrieves the server group information (Name and Description).
servergroupinfo	Creates new Server group. Returns Error if invalid group name is passed or group already exists.
servergroupinfo/{serverGroupName}	Provides the list of target types and their configuration for passed server group.
servergroupinfo/{serverGroupName}/ {targetType}	Provides configuration for passed target Type and passed server group. This will return the metric type equivalent to UI.
servergroupinfo/{serverGroupName}/ {targetType}/metricType	Provide the configuration and respective value for all metric type.
servergroupinfo/{serverGroupName}/ {targetType}	Updates the passed configuration to respective group, target type, and metric type if it is valid.
servergroupinfo/{serverGroupName}	Deletes the server group if no instance is associated with that group.
servergroupinfo/{serverGroupName}	Changes the server group for an instance.

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API Name	Description
copySMCSecurityServerSitekey	Copies Sitekey from the Server Manager Console's Security Server to the target Instance.

- *REST APIs for Server Manager Save and Restore Configuration (Tools Update Release 9.2.8.2)*

API Name	Description
saveInstanceConfiguration	Saves configuration of a particular instance.
listinstanceconfiguration	Retrieves list of saved configuration for an instance in the Server Manager Console.
downloadinstanceconfiguration	Downloads the saved configuration of an instance in the Server Manager Console.
restoreinstanceconfiguration	Restores configuration of a particular instance for a given configuration file name.
deleteinstanceconfiguration	Deletes the configuration of a particular instance for the provided configuration file name.
uploadconfiguration	Uploads or imports configuration to an existing instance.

- *REST APIs for Server Manager Console Driver Update (Tools Update Release 9.2.8.2)*

API Name	Description
databasedrivers	Provides the database drivers information for Server Manager Console.
databasedrivers	Uploads a database driver for Server Manager Console.
databasedrivers/{databaseDriver Type}	Provides the instance information for passed database driver Type for Server Manager Console.
databasedrivers/{databaseDriver Type}	Provides the instance information for passed database driver Type for Server Manager Console.
databasedrivers/{databaseDriver Type}	Performs passed action on passed instance information for passed database drivers.
usersession/sendMessage	Performs passed action on passed instance information for passed database drivers.
getComponentHistory	Gets the Change Component history for passed instance.
usersession/sessiondetails	Gets the session details for passed instance.

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API Name	Description
usersession/terminatehtmlsession	Terminates passed session from passed server instance.

- *REST APIs for Server Manager User Log Configuration (Tools Update Release 9.2.9)*

API Name	Description
logs/userlogconfiguration	Gets all log configuration for logged in user.
logs/userlogconfiguration	Deletes log configuration for logged in user.
logs/userlogconfiguration	Creates a new log configuration for logged in user.
logs/userlogconfiguration	Updates user specific log for passed user.
logs/logFiles	Gets the log file details for logged in user.
logs/logFiles/deletelogFiles	Deletes the passed log file if logged in user has permission to delete that file.
logs/logFiles/download	Downloads the passed log file if logged in user has right access.
usergroups	Creates passed User Group.
usergroups	Gets the list of User Groups available in the system.
usergroups/{userGroup}	Deletes the specified User Group.
usergroups/{userGroup}	Gets the permission of passed Group.
users	Gets the list of EnterpriseOne users.
users/{user}	Deletes the passed user.
users/{user}	Adds a new user in Server Manager Console.
usergroups/{userGroup}/permission/{action}	Updates the passed permission in for that group.

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API Name	Description
usergroups/{userGroup}/users/ grantPermission/	Assigns userGroup to the user.
usergroups/{userGroup}/permission/ revokePermission	Removes the user group assigned to a user.
importUsers	Imports the new changes in Server Manager Console.

REST APIs for Authentication

This section contains the details of the REST APIs used for authentication.

authenticate

API Name	authenticate
Description	Authenticates the user. Returns a TOKEN value in the Response header which is used to perform subsequent different operations.
REST Methods	**POST**
Precondition	Agent must be running.
Input Params	Enter base64 Encoded username:password in the Authorization header.
Sample Request	Basic amRlX2FkbWluOmpkZV9hZG1pbg==(above for jde_admin:jde_admin)or { "username":"jde_admin", "password":"password"}https://jdesmc.example.com:8998/manage/mgmtrestservice/authenticate
Return	Returns a TOKEN and it's Value in the HTTP Response header.
Sample Response	
Exception	Throws an exception if there is a problem while distributing the software component.

refresh

API Name	refresh
Description	Extends the lifetime of the above created TOKEN by 30 minutes. You must pass a valid TOKEN for the same.
REST Methods	**POST**
Precondition	
Input Params	TOKEN header with a valid token value.
Sample Request	**TOKEN 0445ftpTuLjKSZrs6vo1u9o +Wp01Bn67acPfejjTA02e1I=MDA5MDIyMDEyamRlX2FkbWluZGVuMDB4bGsudXNub3JhY2xlLmNv jdesmc.example.com :8998/manage/mgmtrestservice/refresh**
Return	HTTP ACCEPTED STATUS returned.
Sample Response	
Exception	

changewlsinstancepwd

API Name	changewlsinstancepwd
Description	Changes the password on the Server Manager Agent side as well as the WebLogic side for all the domains within a WebLogic Server instance for the WegLogic administrator account.
REST Methods	**POST**
Precondition	Admin servers of all the domains on this WebLogic instance must be running, and the administrator password for all the domains must be same.
Input Params	wlsInstanceName, username, password, newPassword **Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.
Sample Request	**{"wlsInstanceName":"WLS12.2.1","username":"weblogic", "password":"password","newPassword":"password"}** This is the sample request if you have duplicate instance names: **{"wlsInstanceName":"WLS12.2.1", "username":"weblogic","password":"password",**

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	`"newPassword":"password", "agentHostName":"jdesmc.example.com",` ` "jdeHome":"/slot/ems12400/oracle/jde_agent_jas/SCFHA"}`
Return	HTTPS status accepted is returned if successful.
Sample Response	`{ "instanceName":"PS_JAS_7114", "targetType":"webserver"}`
Exception	Response.Status.INTERNAL_SERVER_ERROR

changedbschemapwd

API Name	changedbschemapwd
Description	Changes the password of the individual schemas or the database user.
REST Methods	`POST`
Precondition	instanceName, agentHostName,targetType,jdeHome,oraDbSchema,oraDbNewPwd
Input Params	oracleDBInstanceName, username, password, newPassword

Sample Request	`{"instanceName":"ordb_path_1","agentHostName":"jdesma",`
	` "targetType":"oradb","jdeHome":"/u01/jde_agent_1/SCFHA",`
	` "oraDbSchema":"PS920DTA","oraDbNewPwd":"ovsadmin#E1"}`

Return	HTTPS status 200 is returned.
Sample Response	
Exception	Response.Status.INTERNAL_SERVER_ERROR

changeadminpwd

API Name	changeadminpwd
Description	Changes password of the Server Manager Console.
REST Methods	`POST`
Precondition	

Input Params	username, password, newPassword

Sample Request	{
	
	"username" : "jde_admin",
	
	"password" : "jde_admin",
	
	"newPassword" : "jde_admin1"
	
	}
	
	https://jdesmc.example.com:8998/manage/mgmtrestservice/changeadminpwd

Return	HTTP status 200 is returned.
Sample Response	
Exception	Throws an exception if the operation fails for any reason.

changecomponent

API Name	changecomponent
Description	Updates the managed instance component to a new version.
REST Methods	**POST**
Precondition	Agent must be running.
Input Params	instanceName, componentName, pathCode(this is an optional input which is applicable only for bssv). **Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.

Sample Request	`{ "componentName":"E1_HTMLServer_9.2.0.2_01-06-2016_10_36.jar", "instanceName":"SM_testServer_7011"}https:// jdesmc.example.com :8998/manage/mgmtrestservice/changecomponent`
	
	This is the sample request if you have duplicate instance names:
	`{ "componentName":"E1_HTMLServer_9.2.0.2_01-06-2016_10_36.jar", "instanceName":"SM_testServer_7011", "agentHostName":"jdesma.example.com", "jdeHome":"/slot/oracle/`

```
jde_agent_jas/SCFHA"}https://jdesmc.example.com :8998/manage/
mgmtrestservice/changecomponent
```

Return	HTTP status 200 is returned.
Sample Response	
Exception	Throws an exception if the change component operation fails for any reason.

changecomponent64 (Release 9.2.3)

API Name	changecomponent64
Description	Updates the managed instance component to a new version for 64-bit. Used for all types of component change with additional parameters for the Deployment Server and the Enterprise Server.
REST Methods	**POST**
Precondition	Agent must be running.
Input Params	instanceName, componentName, foundationOption, jrePath, sysDBUsername, sysDBPassword. **Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.
Parameters	**instanceName**: Name of the instance such as <machine name>_DEP or <machine name>_ENT.
	componentName: Name of the .jar file used to change the component.
	foundationOption: Required for the Deployment Server component change only.
	Value: 0 - No MultiFoundation, component change only.
	Update the system and OneWorld Client install with the contents in the .jar file.
	1 - Component change and back up current system for MultiFoundation
	Back up the current system and OneWorld client install in a version directory and update the system and OneWorld client install from the contents in the .jar file. Update the package build tables.
	2 - Component download for MultiFoundation only
	Create a version directory and copy the contents of the .jar file to the version directory to create the multi-foundation directory. Update the package build tables.

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	jrePath: Path to the jre location; leave blank if bitness is the same. Use only with the Deployment Server or Enterprise Server when changing the component to a different bitness such as changing from a 32-bit system to a 64-bit system. Also, use with the Deployment Server if foundationOption is set to '2' and system is 64-bit. **sysDBUsername**: User name to the SYSTEM Datasource database. Required for the Deployment Server component change only and when foundationOption is set to 1' or '2'. **sysDBPassword**: User password to the SYSTEM Datasourse database. Required for the Deployment Server component change only and when foundationOption is set to 1' or '2'.
Sample Request	`{ "componentName":"9.2.3.0.Release64.DS.Win64_09-13-2018_07_48.jar", "instanceName":"jdedeploy", "foundationOption":"1", "jrePath":"C:\\Program Files\\Java\\jre1.8.0_181", "sysDBUsername":"SY920", "sysDBPassword":"password"} https://jdesmc.example.com:8998/manage/mgmtrestservice/ changecomponent64` This is the sample request if you have duplicate instance names: `{ "componentName":"9.2.3.0.Release64.DS.Win64_09-13-2018_07_48.jar", "instanceName":"jdedeploy", "foundationOption":"1", "jrePath":"C: \\Program Files\\Java\\jre1.8.0_181", "sysDBUsername":"SY920", "sysDBPassword":"password", "agentHostName":"jdesma.example.com", "jdeHome":"slot/ /oracle/jde_agent_jas/SCFHA"}https:// jdesmc.example.com:8998/manage/mgmtrestservice/changecomponent64`
Return	HTTP status 200 is returned.
Sample Response	
Exception	Throws an exception if the change component operation fails for any reason.

changecomponent64 (Release 9.2.4)

API Name	changecomponent64
Description	Updates the managed instance component to a new version for 64-bit. Used for all types of component change with additional parameters for the Deployment Server and the Enterprise Server.
REST Methods	`POST`
Precondition	Agent must be running.
Input Params	`instanceName, componentName, foundationOption, jrePath, sysDBUsername, sysDBPassword, release.` **Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: `agentHostName, jdeHome.`

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Parameters	**instanceName**: Name of the instance such as <machine name>_DEP or <machine name>_ENT.
	componentName: Name of the .jar file used to change the component.
	foundationOption: Required for the Deployment Server component change only.
	Value: 0 - No MultiFoundation, component change only.
	Update the system and OneWorld Client install with the contents in the .jar file.
	1 - Component change and back up current system for MultiFoundation
	Back up the current system and OneWorld client install in a version directory and update the system and OneWorld client install from the contents in the .jar file. Update the package build tables.
	2 - Component download for MultiFoundation only
	Create a version directory and copy the contents of the .jar file to the version directory to create the multi-foundation directory. Update the package build tables.
	jrePath: Path to the jre location; leave blank if bitness is the same. Use only with the Deployment Server or Enterprise Server when changing the component to a different bitness such as changing from a 32-bit system to a 64-bit system. Also, use with the Deployment Server if foundationOption is set to '2' and system is 64-bit.
	sysDBUsername: User name to the SYSTEM Datasource database. Required for the Deployment Server component change only and when foundationOption is set to 1' or '2'.
	sysDBPassword: User password to the SYSTEM Datasourse database. Required for the Deployment Server component change only and when foundationOption is set to 1' or '2'. **release:** Release of the deployment server environment such as E920 or E910.
Sample Request	`{ "componentName":"9.2.3.0.Release64.DS.Win64_09-13-2018_07_48.jar", "instanceName":"jdedeploy", "foundationOption":"1", "jrePath":"C:\\Program Files\\Java\\jre1.8.0_181", "sysDBUsername":"SY920", "sysDBPassword":"password", "release":"E920"} https:// jdesmc.example.com:8998/manage/mgmtrestservice/changecomponent64`
	This is the sample request if you have multiple instance names: `{ "componentName":"9.2.3.0.Release64.DS.Win64_09-13-2018_07_48.jar", "instanceName":"jdedeploy", "foundationOption":"1", "jrePath":"C:\\Program Files\\Java\\jre1.8.0_181", "sysDBUsername":"SY920", "sysDBPassword":"password", "release":"E920", "agentHostName":"jdesma.example.com", "jdeHome":"/ slot/oracle/jde_agent_jas/SCFHA"}https:// jdesmc.example.com:8998/ manage/mgmtrestservice/changecomponent64`
Return	HTTP status 200 is returned.
Sample Response	

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Exception	Throws an exception if the change component operation fails for any reason.

changecomponent64 (Release 9.2.6)

API Name	changecomponent64
Description	Updates the managed instance component to a new version for 64-bit. Used for changing all types of components with additional parameters for the Deployment Server and the Enterprise Server.
REST Methods	`POST`
Precondition	Agent must be running.
Input Params	instanceName, componentName, foundationOption, jrePath, sysDBUsername, sysDBPassword, release, linkBSFNFlag
Parameters	**instanceName**: Name of the instance such as <machine name>_DEP or <machine name>_ENT. **componentName**: Name of the .jar file used to change the component. **foundationOption**: Required for the Deployment Server component change only. Value: 0 - No MultiFoundation, component change only. Update the system and OneWorld Client install with the contents in the .jar file. 1 - Component change and back up current system for MultiFoundation Back up the current system and the OneWorld Client installation in a version directory and update the system and OneWorld client install from the contents in the .jar file. Update the package build tables. 2 - Component download for multi-foundation only Create a version directory and copy the contents of the .jar file to the version directory to create the multi-foundation directory. Update the package build tables. **jrePath**: Path to the jre location; leave this field blank if bitness is the same. Use this path only with the Deployment Server or the Enterprise Server when changing the component to a different bitness, such as changing from a 32-bit system to a 64-bit system. Also, use this path with the Deployment Server if foundationOption is set to "2" and the system is 64-bit. **sysDBUsername**: User name to the SYSTEM Datasource database. This path is required to change the Deployment Server component when foundationOption is set to 1 or 2. **sysDBPassword**: User password for logging on to the SYSTEM Datasourse database. This path is required to change the Deployment Server component when foundationOption is set to 1 or 2.

	release: Release of the deployment server environment such as E920 or E910. **linkBSFNFlag**: (Enterprise Server Only) AS400 Flag to link the business function; 0-Enterprise Server is not AS400 0 – AS400 does not link the business function 1- AS400 links the business functions

Sample Request	`{ "componentName":"9.2.3.0.Release64.DS.Win64_09-13-2018_07_`
	`48.jar", "instanceName":"den00los_DEP", "foundationOption":"1",`
	`"jrePath":"C:\\Program Files\\Java\\jre1.8.0_181",`
	`"sysDBUsername": "SY920", "sysDBPassword":"SY920" "release":"E920"`
	`"linkBSFNFlag":"0" }`

Return	HTTP status 200 is returned.

changecomponent64 (Release 9.2.7.0)

API Name	changecomponent64
Description	Updates the managed instance component to a new version for 64-bit. Used for changing all types of components with additional parameters for the Deployment Server and the Enterprise Server.
REST Methods	`POST`
Precondition	Agent must be running.
Input Params	instanceName, componentName, foundationOption, jrePath, sysDBUsername, sysDBPassword, release, linkBSFNFlag
Parameters	**instanceName**: Name of the instance such as <machine name>_DEP or <machine name>_ENT. **componentName**: Name of the .jar file used to change the component. **foundationOption**: Required for the Deployment Server component change only. Value: 0 - No MultiFoundation, component change only. Update the system and OneWorld Client install with the contents in the .jar file. 1 - Component change and back up current system for MultiFoundation Back up the current system and the OneWorld Client installation in a version directory and update the system and OneWorld client install from the contents in the .jar file. Update the package build tables.

2 - Component download for multi-foundation only

Create a version directory and copy the contents of the .jar file to the version directory to create the multi-foundation directory. Update the package build tables.

jrePath: Path to the jre location; leave this field blank if bitness is the same. Use this path only with the Deployment Server or the Enterprise Server when changing the component to a different bitness, such as changing from a 32-bit system to a 64-bit system. Also, use this path with the Deployment Server if foundationOption is set to "2" and the system is 64-bit.

sysDBUsername: User name to the SYSTEM Datasource database. This path is required to change the Deployment Server component when foundationOption is set to 1 or 2.

sysDBPassword: User password for logging on to the SYSTEM Datasourse database. This path is required to change the Deployment Server component when foundationOption is set to 1 or 2.

release: Release of the deployment server environment such as E920 or E910.

linkBSFNFlag: (Enterprise Server Only) AS400 Flag to link the business function;

0-Enterprise Server is not AS400

0 – AS400 does not link the business function

1- AS400 links the business functions

dbOraclePath: (Windows Enterprise Server) Used only for Windows Enterprise server using an Oracle Database. This is the path to the Oracle client location.

Sample Request	```{ "componentName":"9.2.3.0.Release64.DS.Win64_09-13-2018_07_48.jar", "instanceName":"jdedeploy", "foundationOption":"1", "jrePath":"C:\\Program Files\\Java\\jre1.8.0_181", "sysDBUsername":"SY920", "sysDBPassword":"SY920" "release":"E920" "linkBSFNFlag":"0" "dbOraclePath":"C:\app\client\product \19.0.0\client_1\network\admin"}```
Return	HTTP status 200 is returned.

changedbsyspwd

API Name	changedbsyspwd
Description	Changes the locally stored password of the database instance to a new password. Note that this will not change the actual password of the database, but changes the locally stored password that was used during create/register instance to a new password.
REST Methods	`POST`
Precondition	oradb instance must be available.
Input Params	

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Sample Request	`{"instanceName":"ora101","agentHostName":"jdesma.example.com",` `"targetType":"oradb","jdeHome":"/u01/jde_agent_1/SCFHA",` `"oraDbNewPwd" :"ovsadmin#E1"}`
Return	HTTP status 200 is returned.
Sample Response	
Exception	Response.Status.INTERNAL_SERVER_ERROR.

dbschemacomponent

API Name	dbschemacomponent
Description	Retrieves the component name of the deployed or the current deploying DB schema.
REST Methods	`GET`
Precondition	oradb instance must be available.
Input Params	agentHostName,jdeHome,instanceName
Sample Request	`https://host:port/manage/mgmtrestservice/dbschemacomponent?` `agentHostName=jdesma.example.com&jdeHome=D:` `\jdeagent1\SCFHA&instanceName=ora109`
Return	HTTP status 200 is returned.
Sample Response	
Exception	None.

REST APIs for Provisioning

This section contains the details of the REST APIs used for provisioning.

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createinstance

API Name	createinstance
Description	Creates the EnterpriseOne instances. For example, HTML, RTE, AIS, ENTERPRISE, and BSSV Servers.
REST Methods	**POST**
Precondition	Agent must be running. For Oradb, Oracle Database should be up and running.
Input Params	instanceName, targetType, agentHostName, jdeHome, wlsServerName, httpPort, componentName, InstallPath, and pathCode.

Sample Request	Create Enterprise Server JSON Request
	
	`{"instanceName":"ent778","installPath":"/home/ ent778","agentHostName":"jdesma.example.com","targetType":"entserver","jdeHo home/skaja/jde_Agent/SCFHA, "componentName":"9.2.1.0.Release.ES.Linux_06-22-2016_10_21.jar","appComponer`
	
	Create HTML Instance
	
	`{"instanceName":"HTML_8890","agentHostName":"jdesmc.example.com","targetType slot/oracle/jde_agent/ SCFHA","componentName":"E1_HTMLServer_9.2.1.0_06-22-2016_01_10.jar","wlsServ`

Sample Request	Create OradbComponent JSON Request **Note:** This example is supported only for Oracle DB on Linux platform. `{"instanceName":"ora01","agentHostName":"jdedb.example.com","targetType": "oradb","jdeHome":"/u01/jde_home_1/ SCFHA"componentName":"E1_ORACLEDB_9.2.0.5_05-20-2016_01_07.jar", "oradbInstance": { "oraDBHost":"localhost","oraDBPort":"1521","oraDBSid":"ORCL","oraDBPass":" "oraDBInstallDir": "/u01/test_v3","oraDBTableDir":"/ u01/ data/table","oraDBIndexDir": "/u01/data/ index","oraSHARED":true,"oraADF":true,"oraOVR":true, "oradbSchema": {"oraPROD":false, "oraPRIST":rue, "oraCRP":false, "oraDEV":false }, "oradbDemoSchema":{"oraPRODDEMO":false, "oraPRISTDEMO":true, "oraCRPDEMO":false, "oraDEVDEMO":false } } }`
Sample Request	Create Web Component JSON Request `{"instanceName":"EA_JS_8080","agentHostName": "jdesma.example.com","targetType":"webserver","jdeHome": "/slot/`

	`oracle/jde_agent/SCFHA","componentName":"E1_HTML Server 9.2.0.0`
	`08-10-015_07_22.jar","wlsServerName":"AS_JS_8080","httpPort":"8080"}`
	`https://jdesmc.example.com:8998/manage/mgmtrestservice/`
	`createinstance`

Return	HTTP status CREATED code is returned.
Sample Response	
Exception	Throws an exception if anything prevents the instance from being created successfully.

registerdepserver

API Name	registerdepserver
Description	Registers an existing Deployment Server instance.
REST Methods	`POST`
Precondition	Agent must be running.
Input Params	targetType, agentHostname, jdeHome, depInstallPath, instanceName

Sample Request	`{"instanceName":"DepServer92","agentHostName":"jdesmc.example.com",`
	`"depInstallPath":"D:\\JDEdwards\\E920","jdeHome":"D:\\jde_agent_`
	`1\\SCFHA",}https://jdesmc.example.com:8998/manage/mgmtrestservice/`
	`registerdepserver`

Return	HTTP status 200 is returned.
Sample Response	
Exception	Throws an exception if there is any problem in the input or from the registration of Deployment Server instance.

registerentserver

API Name	registerentserver
Description	Registers an existing Enterprise Server instance.

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REST Methods	**POST**
Precondition	Agent must be running.
Input Params	targetType, agentHostname, jdeHome, depInstallPath, instanceName
Sample Request	`{"instanceName":"MyEntSvr","agentHostName": "jdeEntServer.example.com","depInstallPath": "/u01/jde920/ e920","jdeHome": "/u01/jde920/jde_home_1/SCFHA",}https:// jdesmc.example.com:8998/manage/mgmtrestservice/registerentserver`
Return	HTTP status 200 returned.
Sample Response	
Exception	Throws an exception if there is any problem in input or any problems from the registration of Deployment Server instance.

deleteinstance

API Name	deleteinstance
Description	Deletes any managed instance.
REST Methods	**DELETE**
Precondition	Agent must be running.
Input Params	instanceName **Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.

Sample Request	`https://jdesmc.example.com:8998/manage/mgmtrestservice/ deleteinstance{"instanceName":"HTML_8890"}}`
	
	This is the sample request if you have duplicate instance names:
	`https://jdesmc.example.com:8998/manage/ mgmtrestservice/ deleteinstance{"instanceName":"HTML_8890",`
	`  "agentHostName":"jdesma.example.com", "jdeHome":"/slot/ oracle/jde_ agent_jas/SCFHA"}`

Return	HTTP status 204 returned.
Sample Response	

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Exception	Throws an exception if anything prevents the instance from being deleted successfully.

registerwls

API Name	registerwls
Description	Registers a WebLogic Server instance.
REST Methods	`POST`
Precondition	Agent must be running.
Input Params	targetType, instanceName, wlsInstallPath, wlsUsername, wlsPassword, agentHostName, jdeHome

Sample Request	`{"targetType":"owl_1212","instanceName":"Weblogic12c_1212",`
	`"installPath":"/slot/oracle/Middleware","wlsUserName" :`
	`"weblogic","wlsPassword":"password","agentHostName":`
	`"jdesma.example.com","jdeHome":"/slot/oracle/ jde_agent/`
	`SCFHA"}https://jdesmc.example.com:8998/manage/ mgmtrestservice/`
	`registerwls`

Return	HTTP status CREATED code is returned.
Sample Response	
Exception	Throws an exception if anything prevents the instance from being created successfully.

uploadcomponent

API Name	uploadcomponent
Description	Uploads software components to the Server Manager Console.
REST Methods	`PUT`
Precondition	
Input Params	file (file to be uploaded to the Server Manager Console.)

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| Sample Request | ```
curl -X PUT -H "TOKEN:
044FLzIuXTUDhoZt9qoxx2YKAh0jzBvyCPLTfMWCWm9xaA=MDA5MDM4MDEzamRlX2FkbWluZGhj
-H "Cache-Control: no-cache" -H "Content-Type: multipart/form-
data " -F "file=@" "https://jdesmc.example.com :8999/manage/
mgmtrestservice/uploadcomponent"
``` |
|---|---|
Return	HTTP status 201 is returned.
Sample Response	
Exception	Throws an exception if there is a problem while uploading the software component.

distributecomponent

API Name	distributecomponent
Description	Distributes the managed component from the Server Manager Console to any Server Manager Agent.
REST Methods	POST
Precondition	Agent must be running.
Input Params	agentHostName, jdeHome, componentName
| Sample Request | ```
{"agentHostName":"jdesmc.example.com","jdeHome":"/slot/oracle/
jde_agent/
SCFHA","componentName":E1_HTMLServer_9.2.0.0_08-10_015_07_22.jar"}https://
jdesmc.example.com:8998/manage/mgmtrestservice/distributecomponent
``` |
Return	true/false
Sample Response	
Exception	Throws an exception if there is a problem while distributing the software component.

createwlsserver

API Name	createwlsserver

Description	Creates a J2EE container within a WebLogic Server instance.
REST Methods	`POST`
Precondition	Agent must be running.
Input Params	wlsInstanceName, wlsDomainName, wlsServerName, httpPort, wlsNmMachineName **Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.
Sample Request	`{ "wlsInstanceName":"wls12c3_emsWLS", "wlsDomainName": "E1_ domain", "wlsServerName":"Testapi", "httpPort":"5438", "wlsNmMachineName":"jdewlsmachine", }https:// jdesmc.example.com:8998/manage/mgmtrestservice/createwlsserver` This is the sample request if you have duplicate instance names: `{ "wlsInstanceName": "wls12c3_ems17481", "wlsDomainName":"E1_domain", "wlsServerName": "Testapi", "httpPort":"5438", "wlsNmMachineName": "jdewlsmachine", "agentHostName":"jdesma.example.com", "jdeHome":"/slot/oracle/ jde_agent_jas/SCFHA"}https://jdesmc.example.com:8998/manage/ mgmtrestservice/createwlsserver`
Return	HTTP status 201 is returned.
Sample Response	
Exception	Throws an exception if there is any problem in the input or any problems during the creation of the J2ee container within the WebLogic Server instance.

deletewlsserver

API Name	deletewlsserver
Description	Deletes a J2EE container within a WebLogic Server instance.
REST Methods	`DELETE`
Precondition	Agent must be running.
Input Params	wlsInstanceName, wlsDomainName, wlsServerName **Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.

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Sample Request	`{"wlsInstanceName":"wls12c3_emsJDE","wlsDomainName":"E1_domain", "wlsServerName": "Testapi"}https://jdesmc.example.com:8998 /manage/ mgmtrestservice/deletewlsserver`
	This is the sample request if you have duplicate instance names: `{"wlsInstanceName":"wls12c3_ emsJDE", "wlsDomainName":"E1_domain", "wlsServerName":"Testapi", "agentHostName":"jdesmc.example.com", "jdeHome":"/ slot/oracle/jde_agent_jas/SCFHA"}https:// jdesmc.example.com:8998/manage/mgmtrestservice/deletewlsserver`
Return	HTTP status 204 is returned.
Sample Response	
Exception	Throws an exception if there is a problem while deleting the container.

deploypathcode

API Name	deploypathcode
Description	Deploys the path code.
REST Methods	`POST`
Precondition	Agent must be running.
Input Params	agentHostName, jdeHome,instanceName,pathCode
Sample Request	`{"instanceName":"ent790","agentHostName":"jdesma.example.com", "jdeHome":"/u01/jde_agent_ent/SCFHA", "pathCode": "PY"}https:// jdesmc.example.com:8999/manage/ mgmtrestservice/deploypathcode`
Return	HTTP status 201 is returned.
Sample Response	
Exception	Throws an exception if the operation fails for any reason..

iniconfig

API Name	iniconfig

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Description	Gets INI config in JSON format for any E1 instances such as HTML, RTE, AIS, ENTERPRISE, BSSV servers, and so on.
REST Methods	`GET`
Precondition	Agent must be running.
Input Params	instanceName, sectionName **Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.
Sample Request	`https://jdesmc.example.com:8998/manage/ mgmtrestservice/iniconfig? instanceName=HTML_8890https://jdesmc.example.com:8998/manage/ mgmtrestservice/iniconfig? instanceName=HTML_8890&sectionName=CACHE` This is the sample request if you have duplicate instance names: `https://jdesmc.example.com:8998` /manage/ mgmtrestservice/iniconfig?instanceName=HTML_ 8890&sectionName=CACHE&agentHostName=sma.jdwedards.com&jdeHome=/ slot/ / oracle/jde_agent_jas/SCFHA
Return	Returns the requested INI configuration in JSON format.
Sample Response	
Exception	None.

gensmcsitekey

API Name	gensmcsitekey
Description	Generates and gets the sitekey used by the security server and the port used by the Server Manager Console.
REST Methods	`POST`
Precondition	Security Server must be configured in Server Manager.
Input Params	passPhrase
Sample Request	`{ "passPhrase":"Welcome 12" }https://host:port/manage/ mgmtrestservice/gensmcsitekey`

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Return	HTTP status 200 is returned.
Sample Response	`{ "result": { "CurrentKey":"ADWdBNmEmUD46O/IoOKxbb9rgJUvfo4UMk2rbRI +OQxiQX4RqnVRmHlINxSO9pukRGozvqGrlZ3XcQX34Nf8k=","PreviousKey":"(not found in JDE.INI)" }}`
Exception	Throws an exception if the operation fails for any reason.

encr

API Name	encr
Description	Encrypts the textual data passed to this API.
REST Methods	`POST`
Precondition	Request body text will be encrypted and hence it is not required to pass the parameters or attributes. The input for this API must be in a plain text.
Input Params	
Sample Request	`MIME type is text/plain and the entire Request Body will be encrypted and returned.`
Return	HTTP 200 status code is returned and the response contains the encrypted representation of the input text.
Sample Response	
Exception	Response.Status.INTERNAL_SERVER_ERROR.

decr

API Name	decr
Description	Decrypts the textual data passed to this API.
REST Methods	`POST`

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Precondition	The Request body text will be decrypted and hence it is not required to pass the parameters or attributes. The input for this API must be in a plain text.
Input Params	
Sample Request	**MIME type is text/plain and entire Request Body will be decrypted and returned. The data passed in must be previously encrypted by calling encr, only then can it be successfully decrypted by this API.**
Return	HTTP 200 status code is returned and the Response contains the decrypted representation of the input text.
Sample Response	
Exception	Response.Status.INTERNAL_SERVER_ERROR.

createoradbinstance (Release 9.2.1.2)

API Name	createoradbinstance
Description	Creates the JDE schema on a DBCS or a Compute DB.
REST Methods	**POST**
Precondition	Agent must be running.
Input Params	instanceName agentHostName targetType jdeHome componentName oraDBHost oraDBPort oraDBSid oraDBPdbName oraDBPass

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	oraDBJdePass
	oraSHARED
	oraADF
	oraOVR
	oraASM
	oraRTE
	oraPROD
	oraPRIST
	oraCRP
	oraDEV
	oraPRODDEMO
	oraPRISTDEMO
	oraCRPDEMO
	oraDEVDEMO
	oraDBJdbcUrl
	oraDBInstallDir
	oraDBIndexDir
	oraDBTableDir
Sample Request	`{"instanceName":"compute_v2","agentHostName":"jdesma","targetType":"oradb","` `u01/jde_agent_1/` `SCFHA","componentName":"E1_ORACLEDB_9.2.1.1_11-29-2016_18_39.jar","oradbInst` `{"oraDBHost":"localhost","oraDBPort":"1521","oraDBSid":"jdeorcl","oraDBPdbNa` `"test123","oraDBInstallDir":"/u01/compute_v2","oraDBTableDir":` `"/u01/data/table","oraDBIndexDir":"/u01/data/` `index","oraDBJdbcUrl":"jdbc:oracle:thin:@(DESCRIPTION` `=(ADDRESS = (PROTOCOL = TCP)(HOST = den00ugh)(PORT =` `1521))(CONNECT_DATA = (SERVER = DEDICATED)(SERVICE_NAME` `= jdeorcl)))","oraSHARED":true,"oraADF":true,"oraOVR":` `true,"oraASM":false,"oraRTE":true,"oradbSchema":` `{"oraPROD":false,"oraPRIST":false,"oraCRP":false,"oraDEV":true},"oradbDemoSc` `{"oraPRODDEMO":false,"oraPRISTDEMO":false,"oraCRPDEMO":false,"oraDEVDEMO":tr`
Return	HTTP status 201 is returned.
Sample Response	
Exception	400 or 409 for error.

createweblogicdomain (Release 9.2.1.2)

API Name	createweblogicdomain
Description	Creates a WebLogic domain, starts the node manager, and creates a machine that is in a reachable state.
REST Methods	`POST`
Precondition	Agent must be running.
Input Params	wlsInstanceNamewlsDomainNamewlsDomainListenPortwlsNmListenPort(optinal) by default 5556)wlsDomainMode(optional) **Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.

Sample Request	`{ "wlsInstanceName":"WLS_1213", "wlsDomainName":"tdomain1", "wlsDomainListenPort":"7012", "wlsNmListenPort":"5563"}`
	
	This is the sample request if you have duplicate instance names:
	`{ "wlsInstanceName":"WLS_1213", "wlsDomainName":"tdomain1", "wlsDomainListenPort":"7012", "wlsNmListenPort":"5563" "agentHostName":"jdesmc.example.com", "jdeHome":"/slot/oracle/jde_agent_jas/SCFHA"}`

Return	HTTP status 201 is returned.
Sample Response	
Exception	Throws an exception if anything prevents the creation of the weblogic domain.

dbdeleteschema (Release 9.2.1.2)

API Name	dbdeleteschema
Description	Deletes the deployed schemas from an ORADB instance.
REST Methods	`DELETE`
Precondition	Agent must be running.

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Input Params	instanceNameagentHostNametargetTypejdeHome
Sample Request	`{"instanceName":"ora100","agentHostName": "jdeSMA.example.com", "targetType":"oradb","jdeHome": "/u01/jde_home/SCFHA"}`
Return	HTTP status 202 is returned.
Sample Response	
Exception	304 or 400 for error.

dbdeleteschemastatus (Release 9.2.1.2)

API Name	dbdeleteschemastatus
Description	Retrieves the current status of the previous call to dbdeleteschema.
REST Methods	`GET`
Precondition	Agent must be running.
Input Params	agentHostName,jdeHome,instanceName.
Sample Request	`{agentHostName":"jdeSMA.example.com",jdeHome": "/u01/jde_home/ SCFHA","instanceName":" jdeSMA_dbserver"}`
Return	HTTP status 202 returned.
Sample Response	
Exception	400 for error.

createadfinstance (Release 9.2.1.2)

API Name	createadfinstance
Description	Creates an ADF Server instance.

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REST Methods	**POST**
Precondition	Agent must be running.The Oracle Database should be up and running for Oradb.
Input Params	instanceName, componentName, agentHostName, jdeHome, wlsServerName, httpPort.

Sample Request	`{"instanceName":"SM_adfserver_9005","componentName":"E1_ADF_`
	`Foundation_1.4.0_23_99.par","agentHostName":"jdesma.example.com",`
	`"jdeHome" "/scratch/sm_agent/SCFHA", "wlsServerName":"adfserver_`
	`9005","httpPort":"9005"}`

Return	HTTP status CREATED code is returned.
Sample Response	
Exception	HTTP conflict if an instance with the same name exists.

createorchinstance (Release 9.2.1.2)

API Name	createorchinstance
Description	Creates an Orchestrator Studio Server instance.
REST Methods	**POST**
Precondition	Agent must be running.
Input Params	instanceName, componentName, agentHostName, jdeHome, wlsServerName, httpPort.

Sample Request	`{"instanceName":"SM_iotserver_9055","componentName":`
	`"E1_IoT_Foundation_1.4.0_23_99.par","agentHostName":`
	`"jdesma.us.example.com","jdeHome":"/scratch/sm_agent/SCFHA",`
	`"wlsServerName":"iotserver_9055","httpPort":"9055"}`

Return	HTTP status CREATED code is returned.
Sample Response	
Exception	HTTP conflict if an instance with the same name exists.

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createmssqldbinstance (Release 9.2.2)

API Name	createmssqldbinstance
Description	Creates an MS SQL DB instance.
REST Methods	`POST`
Precondition	Agent must be running.
Input Params	instanceName, componentName, agentHostName.
Sample Request	`{"instanceName":"mssql_win1", "agentHostName": "jdesma.example.com", "targetType": "mssqldb", "jdeHome":"C:\\jde_sqldb_agent\\SCFHA", "componentName": "E1_SQLDB_9.2.1.4_2017-07-28_17-22.jar", "mssqldbInstance": { "mssqlDBHost":"jderest\\jderest", "mssqlDBInstallDir":"C:\ \jde921", "mssqlDBDataDir":"C:\\jde921\ \Data", "mssqlDBLogDir": "C:\\jde921\\Log", "mssqlDBPort":"", "mssqlDBPass":"Tools123", "mssqlDBJdePass":"", "mssqlSHARED": true, "mssqlRTE":false, "mssqldbSchema":{ "mssqlPROD":false, "mssqlPRIST":false, "mssqlCRP": false, "mssqlDEV":false }, "mssqldbDemoSchema":{ "mssqlPRODDEMO":false, "mssqlPRISTDEMO":false, "mssqlCRPDEMO": false, "mssqlDEVDEMO":false } }}`
Return	HTTP status CREATED code is returned.
Sample Response	
Exception	HTTP conflict if an instance with the same name exists.

createdb2dbinstance (Release 9.2.2.4)

API Name	createdb2dbinstance
Description	Creates an IBM i DB instance.
REST Methods	`POST`
Precondition	Agent must be running.
Input Params	instanceName, componentName, agentHostName.

Sample Request	`{ "instanceName":"4dbins", "agentHostName":"jdesma.example.com", "targetType":"db2db", "jdeHome":"/jdehome/jde_home_jdeqas1_Agent/ SCFHA", "componentName":"E1_AS400DB_9.2.2.4_2018-03-21_16-38.jar", "db2dbInstance": { "db2DBHost":" jdeqas1", "db2DBOWPass":"test", "db2SHARED":true, "db2RTE":false, "db2dbSchema":{ "db2PROD":false, "db2PRIST":true, "db2CRP":false, "db2DEV":true }, "db2dbDemoSchema": { "db2PRODDEMO": false, "db2PRISTDEMO":true, "db2CRPDEMO": false, "db2DEVDEMO":false } } }}`
Return	HTTP status 201 Created code is returned.
Sample Response	
Exception	HTTP CONFLICT if an instance with the same name exists.

createautonomousdb (Release 9.2.5.3)

API Name	createautonomousdb
Description	Creates the JDE schema on an autonomous database instance on Oracle Cloud Infrastructure. **Note:** This API can be used for cloud provisioning only.
REST Methods	POST
Precondition	The autonomous database instance must be up and running on Oracle Cloud Infrastructure and a bucket must be created in the Oracle Cloud Infrastructure Object storage. **Note:** It is recommended to create a private bucket.
Input Params	oraPRIST, oraCRP, oraDEV, oraPRODDEMO, oraPRISTDEMO, oraCRPDEMO, oraDEVDEMO, oraDBJdbcUrl, oraDBInstallDir, oraDBIndexDir,

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	oraDBTableDir,
	ociUserName,
	ociAuthToken,
	ociRegion,
	ociTenancy,
	and ociBucket.

Sample Request	`{"instanceName": "atp_1",`
	`"agentHostName":"jdesma.example.com","targetType":"oradb",`
	`"jdeHome":"/u01/jde_agent/SCFHA","componentName":`
	`"E1_ORACLEDB_9.2.5.0_06-29-2020_18_39.jar","oradbInstance":`
	`{"oraDBHost":"localhost","oraDBPort":"1521","oraDBSid":`
	`"jdeorcl","oraDBPdbName": "PDB1","oraDBPass":"ovsadminE1","oraD`
	`+E9BJdePass":"test123","oraDBInstallDir":"/u01/compute_v2","oraDBJdbcUrl":`
	`"jdbc:oracle:thin:@(DESCRIPTION =(ADDRESS = (PROTOCOL = TCP)(HOST =`
	`denhost)(PORT = 1521))(CONNECT_DATA = (SERVER = DEDICATED)(SERVICE_NAME`
	`= jdeorcl)))","oraSHARED":true,"oraADF":true,"oraOVR":true,"oraASM":`
	`false,"oraRTE":true,"oradbSchema":{"oraPROD":false,"oraPRIST":`
	`false,"oraCRP":false,"oraDEV":true},"oradbDemoSchema":{"oraPRODDEMO":`
	`false,"oraPRISTDEMO":false,"oraCRPDEMO":false,"oraDEVDEMO":true},`
	`"ociDetails":{"ociUserName": "test@example.com","ociAuthToken":`
	`".JD].uEWGw:hjsu89","ociRegion":"us-`
	`ashburn-1","ociTenancy":"jde","ociBucket":"myBucket"}}}`

Return	HTTP status 201 is returned.
Sample Response	
Exception	400 or 409 for error.

entserverenvvariables (Release 9.2.26.0)

API Name	entserverenvvariables
Description	API to get the environment values of an enterprise server.
REST Methods	GET
Precondition	entserver must be running.
Input Params	instanceName agentHostName jdeHome
Sample Request	`curl --location 'http://jdesmc.example.com.0.0.1:7101/` `manage/mgmtrestservice/entserverenvvariables?`

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	`instanceName=EnterpriseServer&agentHostName=jdesmc.example.com&jdeHome=C`
	`%3A%5Cjde_home_2%5CSCFHA' \ --header 'Authorization:`
	`Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \ --header 'Cookie:`
	`SMCONSOLE_SSID=zYEr7eNKxb0waosVSNohC7OdurhouaUTpfLgtnq-qIQJlRmGRHEz!`
	`2131912258'`

Return	HTTP status 200 is returned.

Sample Response	`200 OK { "instanceName": "EnterpriseServer", "agentHostName":`
	`"jdesmc.example.com", "jdeHome": "C:\\jde_home_2\\SCFHA",`
	`"entServerEnvVariablesInfo": { "ALLUSERSPROFILE": "C:\\ProgramData",`
	`"ANT_HOME": "C:\\ant\\jdeant", "APPDATA": "C:\\Users\\userid\\AppData\`
	`\Roaming", "CCASE_ISO_DATE_FMT": "0", "CLEARCASE_PRIMARY_GROUP": "cce1tool",`
	`"COMPUTERNAME": "PHOENIX595591", "ComSpec": "C:\\WINDOWS\\system32\`
	`\cmd.exe", "CommonProgramFiles": "C:\\Program Files\\Common Files",`
	`"CommonProgramFiles(x86)": "C:\\Program Files (x86)\\Common Files",`
	`"CommonProgramW6432": "C:\\Program Files\\Common Files", "DriverData": "C:`
	`\\Windows\\System32\\Drivers\\DriverData", "HOMEDRIVE": "C:", "HOMEPATH":`
	`"\\Users\\userid", "JAVA16_HOME": "C:\\Program Files\\Java\\jdk1.6.0_45",`
	`"JAVA17_HOME": "C:\\Program Files\\Java\\jdk-17", "JAVA18_HOME": "C:`
	`\\Program Files\\Java\\jdk1.8.0_341", "JAVAC_SRC_VERSION": "1.8",`
	`"JAVAC_TAR_VERSION": "1.8", "JAVA_HOME": "C:\\Apps\\Dvlp\\jdk1.8.0_64",`
	`"JAVA_OPTS": "-Dcom.sun.xml.namespace.QName.useCompatibleSerialVersionUID=1.0`
	`-Xms32m -Xmx64m", "JDE_B9_ICU_DATA": "C:\\E920_1\\system\\locale\\xml",`
	`"LOCALAPPDATA": "C:\\Users\\userid\\AppData\\Local", "LOGONSERVER": "\`
	`\\\ENG-P-DC-PHX-02", "NUMBER_OF_PROCESSORS": "2", "OS": "Windows_NT",`
	`"OneDrive": "C:\\Users\\userid\\OneDrive - Oracle Corporation",`
	`"OneDriveCommercial": "C:\\Users\\userid\\OneDrive - Oracle Corporation",`
	`"PARFAIT_WRAPPERJAVAC": "C:\\Apps\\Dvlp\\jdk1.8.0_64\\bin\\javac.exe",`
	`"PATHEXT": ".COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC",`
	`"PROCESSOR_ARCHITECTURE": "AMD64", "PROCESSOR_IDENTIFIER": "AMD64`
	`Family 25 Model 17 Stepping 1, AuthenticAMD", "PROCESSOR_LEVEL":`
	`"25", "PROCESSOR_REVISION": "1101", "PSModulePath": "%ProgramFiles%\`
	`\WindowsPowerShell\\Modules;C:\\WINDOWS\\system32\\WindowsPowerShell\\v1.0\`
	`\Modules;C:\\opscode\\chef\\modules\\", "PUBLIC": "C:\\Users\\Public",`
	`"Path": "C:\\IBM\\RationalSDLC\\common;C:\\Program Files\\Common Files`
	`\\Oracle\\Java\\javapath;C:\\Program Files (x86)\\Common Files\\Oracle`
	`\\Java\\javapath;C:\\E920_1\\DV920\\bin64;C:\\E920_1\\system\\bin64;C:`
	`\\app19C\\product\\19.0.0\\client_1\\bin;C:\\Oracle19c32Base\\product`
	`\\19.0.0\\client_1\\bin;C:\\WINDOWS\\system32;C:\\WINDOWS;C:\\WINDOWS\`
	`\System32\\Wbem;C:\\WINDOWS\\System32\\WindowsPowerShell\\v1.0\\;C:\\WINDOWS`
	`\\System32\\OpenSSH\\;C:\\opscode\\chef\\bin\\;C:\\Program Files\\PuTTY\`
	`\;C:\\OraHome_1\\tuxedo12.2.2.0.0_VS2017\\bin;C:\\Apps\\Dvlp\\jdk11_64\\bin`
	`\\server", "ProgramData": "C:\\ProgramData", "ProgramFiles": "C:\\Program`
	`Files", "ProgramFiles(x86)": "C:\\Program Files (x86)", "ProgramW6432": "C:`
	`\\Program Files", "RATIONAL_ICU4J_DIR": "C:\\IBM\\RationalSDLC\\common\\java`
	`\\icu", "RATIONAL_ICU4J_VERSION": "4_8", "SystemDrive": "C:", "SystemRoot":`
	`"C:\\WINDOWS", "TEMP": "C:\\Users\\userid\\AppData\\Local\\Temp", "TMP":`
	`"C:\\Users\\userid\\AppData\\Local\\Temp", "TUXDIR": "C:\\Tuxedo\\22c\`
	`\tuxedo22.1.0.0.0", "USERDNSDOMAIN": "ORADEV.EXAMPLE.COM", "USERDOMAIN":`
	`"ORADEV", "USERDOMAIN_ROAMINGPROFILE": "ORADEV", "USERNAME": "userid",`
	`"USERPROFILE": "C:\\Users\\userid", "windir": "C:\\WINDOWS" } }`

Exception	400, 403 or 500 for error.

deleteagentcomponents (Release 9.2.26.0)

API Name	deleteagentcomponents

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Description	API to delete the specified list of components from the passed agent components list.
REST Methods	DELETE
Permission	managedComponents
Precondition	Server Manager and Agent must be running.
Input Params	agentHostName jdeHome ComponentNames
Sample Request	```Deletes the specified componentNames or list of componentNames curl --location --request DELETE 'http://jdesmc.example.com.0.0.1:7101/ manage/mgmtrestservice/deleteagentcomponents' \ --header 'Content-Type: application/json' \ --header 'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \ --header 'Cookie: SMCONSOLE_SSID=C1UfH4WkdQ2Jmfd-h-NYPd8hbLej9UoWOne48mH8TfvXUM0mYwx3! 1498188726' \ --data '{ "agentHostName":"jdesmc.example.com", "jdeHome" : "C:\\jde_home_4\\SCFHA", "componentNames" : ["agentPackage7.jar", "E1_HTMLServer_9.2.8.5_02-21-2025_02_50.jar"] }' Deletes all components if componentNames is "ALL" curl --location --request DELETE 'http://jdesmc.example.com.0.0.1:7101/manage/mgmtrestservice/ deleteagentcomponents' \ --header 'Content-Type: application/json' \ --header 'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \ --header 'Cookie: SMCONSOLE_SSID=C1UfH4WkdQ2Jmfd-h-NYPd8hbLej9UoWOne48mH8TfvXUM0mYwx3! 1498188726' \ --data '{ "agentHostName":"jdesmc.example.com", "jdeHome" : "C: \\jde_home_4\\SCFHA", "componentNames" : ["ALL"] }'```
Return	HTTP status 200 is returned.
Sample Response	`200 OK`
Exception	400, 403 or 500 for error.

deleteconsolecomponents (Release 9.2.26.0)

API Name	deleteconsolecomponents
Description	API to delete the specified list of components from the consolecomponents list. **Note:** This API will not delete component from any agent.
REST Methods	DELETE
Permission	managedComponents

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Precondition	Server Manager and Agent must be running.
Input Params	ComponentNames
Sample Request	`Deleting the specified componentNames or list of componentNames - curl --location --request DELETE 'http://jdesmc.example.com.0.0.1:7101/manage/mgmtrestservice/deleteconsolecomponents' \ --header 'Content-Type: application/json' \ --header 'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \ --header 'Cookie: SMCONSOLE_SSID=C1UfH4WkdQ2Jmfd-h-NYPd8hbLej9UoWOne48mH8TfvXUM0mYwx3!1498188726' \ --data '{ "componentNames" : ["agentPackage7.jar", "E1_HTMLServer_9.2.8.5_02-21-2025_02_50.jar"] }' Deleting all components if the componentNames is "ALL" - curl --location --request DELETE 'http://jdesmc.example.com.0.0.1:7101/manage/mgmtrestservice/deleteconsolecomponents' \ --header 'Content-Type: application/json' \ --header 'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \ --header 'Cookie: SMCONSOLE_SSID=C1UfH4WkdQ2Jmfd-h-NYPd8hbLej9UoWOne48mH8TfvXUM0mYwx3!1498188726' \ --data '{ "componentNames" : ["ALL"] }'`
Return	HTTP status 200 is returned.
Sample Response	`200 OK`
Exception	400, 403 or 500 for error.

REST APIs for Monitoring

This section contains the details of the REST APIs used for monitoring.

homesupdatestatus

API Name	homesupdatestatus
Description	Gets the status of the Managed Homes on the Server Manager Console. Response includes information about Managed Home that requires an update or if it is already updated.
REST Methods	`GET`
Precondition	Agent must be up and running.
Input Params	
Sample Request	`https://jdesmc.example.com:8998/manage/mgmtrestservice/homesupdatestatus`

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Return	HTTP Status 200 and returns the list of Managed Homes that requires an update (agentHostName,jdeHome)
Sample Response	`{ "managedHomesSet": [ "jdesmc.example.com,C:\\jde_Agent_ SM9205_xif \\SCFHA" ]}`
Exception	Throws an exception if the operation fails for any reason.

servergroupinfo

API Name	servergroupinfo
Description	Provides information about the server group including the server group names, members and the description.
REST Methods	`GET`
Precondition	None
Input Params	TOKEN header with a valid token value.
Sample Request	`https://jdesmc.example.com:8998/manage/mgmtrestservice/` `servergroupinfo`
Return	HTTP 200 status code and the response containing the server group information is returned. See the sample response in this table for more information.
Sample Response	`[ { "serverGroupName":"default", "serverGroupInstances":` `[ "E900EntSvr", "E910EntServer","EA_AIS_9090", "EA_JS_5050",` `"EA_JS_7070", "EA_JS_8080" ], "serverGroupDescription":"The` `default server group." }, { "serverGroupName":"negative_group",` `"serverGroupInstances":[], "serverGroupDescription":"Negative Server` `Group" }]`
Exception	None.

homesinfo

API Name	homesinfo
Description	Retrieves information of all Managed Homes.

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REST Methods	**GET**
Precondition	
Input Params	None
Sample Request	**https://host:port/manage/mgmtrestservice/homesinfo**
Return	HTTP status 200 is returned.
Sample Response	**{ "result": [{ "jdeHome":"C:\\jde_home_agent_SM9205\ \SCFHA", "agentHostName":"jdesma.example.com" }, { "jdeHome":"C: \\jde_Agent_SM9205_xif\\SCFHA", "agentHostName": "jdesma2.example.com " }, { "jdeHome":"C:\\jde_home_SM9205\ \SCFMC", "agentHostName":"jdesma3.example.com "}]}**
Exception	None.

agentinfo

API Name	agentinfo
Description	Returns information about a particular agent.
REST Methods	**GET**
Precondition	Agent must be running.
Input Params	agentHostName, jdeHome
Sample Request	**https://host:port/manage/mgmtrestservice/agentinfo? agentHostName=sma.oracle.com&jdeHome=C:\jde_home_agent_ SM9205\SCFHA**
Return	HTTP status 200 is returned.
Sample Response	**{"agentHostName":"jdesma.example.com", "jdeHome":"C:\\jde_ home_agent_SM9205\\SCFHA","result": { "agentJavaVersion":"1.8", "agentType":"STANDALONE_AGENT", "agentHostPort":"14503", "state": "RUNNING", "platform":"windows", "agentBuildNumber":"1" }}**
Exception	None.

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instancesinfo

API Name	instancesinfo
Description	Gets information about each of the managed instances created in the Server Manager Console. Returns an unknown state for the instances that are under an offline agent.
REST Methods	`GET`
Precondition	Agent must be running.
Input Params	
Sample Request	`https://jdesmc.example.com:8998/manage/mgmtrestservice/instancesinfo`
Return	Returns the details of an instance with information such as instanceName, targetType, and status.
Sample Response	`{ "result":true, "instancesInfo": [{ "instanceName":"DS_REST_PS1", "targetType":"depserver", "status":"RUNNING" }, { "instanceName":"home", "targetType":"mgmtconsole", "status":"RUNNING" }, { "instanceName":"WLS_12_RoM", "targetType":"owl_1212", "status":"STOPPED" }, { "instanceName":"DS_dnsvrt", "targetType":"depserver", "status":"RUNNING" }, { "instanceName":"RTE_TEST_J2EE_P", "targetType":"rteserver", "status":"UNKNOWN" }, { "instanceName":"WLS1221_P", "targetType":"owl_1212", "status":"RUNNING" }]}`
Exception	Throws an exception if the operation fails for any reason.

wlsinstanceserversinfo

API Name	wlsinstanceserversinfo
Description	Returns information about the server for the WebLogic managed instance within the Server Manager Console.
REST Methods	`GET`
Precondition	Agent must be running.

Input Params	wlsInstanceName **Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.

Sample Request	This is the sample request if you have duplicate instance names: :
	`https:// jdesmc_example.com:8998/manage/mgmtrestservice/`
	`wlsinstanceserversinfo?wlsInstanceName=tqa_923_lnx_jas_jdesmc_`
	` 21500&agentHostName=jdeHost.example.com&jdeHome=C:\jde_home_2\SCFHA`

Return	HTTP status 200 and returns the list of WebLogic Server domains in the WebLogic Server instance.
Sample Response	
Exception	Throws an exception incase of a problem.

instanceexist

API Name	instanceexist
Description	Checks if the managed instance with the passed 'Instance Name' exists within the Server Manager Console.
REST Methods	`GET`
Precondition	Agent must be running.
Input Params	wlsInstanceName **Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.

Sample Request	This is the sample request if you have duplicate instance names:
	`https:// jdesmc.example.com:8998/manage/mgmtrestservice/`
	`instanceexist?instanceName=tqa_923_lnx_jas_jdesmc_`
	` 21502&agentHostName=jdesmc.example.com&jdeHome=/slot/ /oracle/jde_`
	`agent_jas/SCFHA`

Return	HTTP status 200 is returned.
Sample Response	
Exception	Throws an exception incase of a problem.

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wlsdomaininfo

API Name	wlsdomaininfo
Description	Lists the domains in a WebLogic Server instance.
REST Methods	`GET`
Precondition	Agent must be running.
Input Params	wlsInstanceName **Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.
Sample Request	`https://jdesmc.example.com:8998/manage/mgmtrestservice/` `wlsdomaininfo?wlsInstanceName=weblogic1213` This is the sample request if you have duplicate instance names: `https://` `jdesmc.example.com:8998/manage/mgmtrestservice/wlsdomaininfo?` `wlsInstanceName=weblogic1213&agentHostName=jdesmc.example.com&jde` `slot/ems12400/oracle/jde_agent_jas/SCFHA`
Return	HTTP status 200 and returns the list of WebLogic Server domains in the WebLogic Server instance.
Sample Response	`{ "wlsInstanceName":"tqa_923_lnx_wls_jdesmc_23600",` `"result": { "E1domain":["jdesmc.example.com" ], "SMCdomain":` `[ "jdesmc.example.com" ] }}`
Exception	Throws an exception in case of a problem.

wlsserverinfo

API Name	wlsserverinfo
Description	Gets information about the WebLogic Server.
REST Methods	`GET`
Precondition	Agent must be running.
Input Params	wlsInstanceName **Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.

Sample Request	`https://jdesmc.example.com:8998/manage/mgmtrestservice/` `wlsserverinfo?wlsInstanceName=WLS1221_xif` This is the sample request if you have duplicate instance names: `https://jdesmc.example.com:8998/ manage/ mgmtrestservice/wlsserverinfo?wlsInstanceName=WLS1221_` `xif&agentHostName=jdesmc.example.com&jdeHome=/slot/ oracle/ jde_ agent_jas/SCFHA`
Return	HTTP status 200 is returned.
Sample Response	`{ "wlsInstanceName":"WLS1221_xif", "wlsInstancesInfo":` `[ { "AdminServer": { "canonicalName":"jde:domainName=base_domain,` `instanceName=WLS1221_xif,j2eeType=J2EEServer,metricName=owl_` `J2EEServer,name=AdminServer,targetType=owl_1212", "pattern":` `false, "domainPattern":false, "propertyPattern":false,` `"propertyListPattern":false, "propertyValuePattern":false,` `"keyPropertyListString":"instanceName=WLS1221_xif,name=AdminServer,` `domainName=base_domain,j2eeType=J2EEServer,targetType=owl_1212,` `metricName=owl_J2EEServer", "canonicalKeyPropertyListString":` `"domainName=base_domain,instanceName=WLS1221_xif,` `j2eeType=J2EEServer,metricName=owl_J2EEServer,name=AdminServer,` `targetType=owl_1212", "keyPropertyList":{ "instanceName":` `"WLS1221_xif", "targetType":"owl_1212", "name":"AdminServer",` `"domainName": "base_domain", "metricName":"owl_J2EEServer",` `"j2eeType": "J2EEServer" }, "domain":"jde" },`
Sample Response (continued)	`"SMC_Server_EOne_MC_SM9205_Console": { "canonicalName":` `"jde:domainName=base_domain,instanceName=WLS1221_xif,` `j2eeType=J2EEServer,metricName=owl_J2EEServer,name=SMC_` `Server_EOne_MC_SM9205_Console,targetType=owl_1212", "pattern":` `false, "domainPattern":false, "propertyPattern":false,` `"propertyListPattern":false, "propertyValuePattern": false,` `"keyPropertyListString":"instanceName=WLS1221_xif, name=SMC_` `Server_EOne_MC_SM9205_Console,domainName=base_domain,` `j2eeType=J2EEServer,targetType=owl_1212,metricName=owl_J2EEServer",` `"canonicalKeyPropertyListString":"domainName=base_domain,` `instanceName=WLS1221_xif,j2eeType=J2EEServer,metricName=owl_` `J2EEServer,name=SMC_Server_EOne_MC_SM9205_Console,targetType=owl_` `1212", "keyPropertyList":{ "instanceName":"WLS1221_xif",` `"targetType":"owl_1212", "name":"SMC_Server_EOne_MC_SM9205_` `Console", "domainName":"base_domain", "metricName":"owl_` `J2EEServer", "j2eeType":"J2EEServer" }, "domain":"jde" } },`
Sample Response (continued)	`{ "J2EE_BSSV_37200": { "canonicalName":"jde:domainName=bssv_ domain,` `instanceName=WLS1221_xif,j2eeType=J2EEServer,metricName=owl_` `J2EEServer,name=J2EE_BSSV_37200,targetType=owl_1212",` `"pattern":alse, "domainPattern":false, "propertyPattern":false,` `"propertyListPattern":false, "propertyValuePattern":false,` `"keyPropertyListString" "instanceName=WLS1221_xif,name=J2EE_BSSV_` `37200,domainName=bssv_domain,j2eeType=J2EEServer,targetType=owl_` `1212,metricName=owl_J2EEServer", "canonicalKeyPropertyListString":` `"domainName=bssv_domain,instanceName=WLS1221_xif,` `j2eeType=J2EEServer,metricName=owl_J2EEServer,name=J2EE_BSSV_`

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```
                                37200,targetType=owl_1212", "keyPropertyList":{ "instanceName":
                                "WLS1221_xif","targetType":"owl_1212", "name":"J2EE_BSSV_37200",
                                "domainName":"bssv_domain", "metricName":"owl_J2EEServer",
                                "j2eeType":"J2EEServer" }, "domain":"jde" },
```

Sample Response (continued)	`"J2EE_BSSV_37100":{ "canonicalName": "jde:domainName=bssv_domain,`
	`instanceName=WLS1221_xif,j2eeType=J2EEServer,metricName=owl_`
	`J2EEServer,name=J2EE_BSSV_37100,targetType=owl_1212",`
	`"pattern": false, "domainPattern":false, "propertyPattern":false,`
	`"propertyListPattern":false, "propertyValuePattern":false,`
	`"keyPropertyListString": "instanceName=WLS1221_xif,name=J2EE_BSSV_`
	`37100,domainName=bssv_domain,j2eeType=J2EEServer,targetType=owl_`
	`1212,metricName=owl_J2EEServer", "canonicalKeyPropertyListString":`
	`"domainName=bssv_domain,instanceName=WLS1221_xif,`
	`j2eeType=J2EEServer,metricName=owl_J2EEServer,name=J2EE_BSSV_`
	`37100,targetType=owl_1212", "keyPropertyList":"instanceName":`
	`"WLS1221_xif", "targetType":"owl_1212", "name":"J2EE_BSSV_37100",`
	`"domainName":"bssv_domain", "metricName":"owl_J2EEServer",`
	`"j2eeType":"J2EEServer" }, "domain":"jde" },`

Sample Response (continued)	`"AdminServer": { "canonicalName":"jde:domainName=bssv_`
	`domain, instanceName=WLS1221_xif,j2eeType=J2EEServer,`
	`metricName=owl_ J2EEServer,name=AdminServer,targetType=owl_1212",`
	`"pattern":false, "domainPattern":false, "propertyPattern":false,`
	`"propertyListPattern":false, "propertyValuePattern":false,`
	`"keyPropertyListString":"instanceName=WLS1221_xif,name=AdminServer,`
	`domainName=bssv_domain,j2eeType=J2EEServer,targetType=owl_1212,`
	`metricName=owl_J2EEServer", "canonicalKeyPropertyListString":`
	`"domainName=bssv_domain,instanceName=WLS1221_xif,`
	`j2eeType=J2EEServer,metricName=owl_J2EEServer,name=AdminServer,`
	`targetType=owl_1212", "keyPropertyList":{ "instanceName":`
	`"WLS1221_ xif", "targetType":"owl_1212", "name":"AdminServer",`
	`"domainName":"bssv_domain", "metricName":"owl_J2EEServer",`
	`"j2eeType":"J2EEServer" }, "domain":"jde" } } ]}`

Exception	Throws an exception if the operation fails for any reason.

wlsclustersinfo

API Name	wlsclustersinfo
Description	Gets information about the clusters in the WebLogic server.
REST Methods	`GET`
Precondition	Agent must be running.
Input Params	wlsInstanceName **Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.

Sample Request	`https://host:port/manage/mgmtrestservice/wlsclustersinfo?wlsInstanceName=WLS1221_xif` This is the sample request if you have duplicate instance names: `https://host:port/manage/mgmtrestservice/wlsclustersinfo?wlsInstanceName=WLS1221_xif`&agentHostName=jdesmc.example.com&jdeHome=/slot/oracle/jde_agent_jas/SCFHA
Return	HTTP status 200 is returned.
Sample Response	`{ "wlsInstanceName":"WLS1221_xif", "wlsInstancesInfo": [{ "NONE": { "canonicalName":"jde:domainName=base_domain,instanceName=WLS1221_xif,metricName=owl_cluster,name=NONE,targetType=owl_1212", "pattern":false, "domainPattern":false, "propertyPattern":false, "propertyListPattern":false, "propertyValuePattern":false, "keyPropertyListString": "instanceName=WLS1221_xif,name=NONE,domainName=base_domain,targetType=owl_1212,metricName=owl_cluster", "canonicalKeyPropertyListString":"domainName=base_domain,instanceName=WLS1221_xif,metricName=owl_cluster,name=NONE,targetType=owl_1212", "keyPropertyList":{ "instanceName": "WLS1221_xif", "name":"NONE", "domainName":"base_domain", "targetType":"owl_1212", "metricName":"owl_cluster" }, "domain":"jde" }`
Sample Response (continued)	`}, { "NONE": { "canonicalName":"jde:domainName=bssv_domain,instanceName=WLS1221_xif,metricName=owl_cluster,name=NONE,targetType=owl_1212", "pattern": false, "domainPattern":false, "propertyPattern":false, "propertyListPattern":false, "propertyValuePattern":false, "keyPropertyListString": "instanceName=WLS1221_xif,name=NONE,domainName=bssv_domain,targetType=owl_1212,metricName=owl_cluster", "canonicalKeyPropertyListString":"domainName=bssv_domain,instanceName=WLS1221_xif,metricName=owl_cluster,name=NONE,targetType=owl_1212", "keyPropertyList":{ "instanceName": "WLS1221_xif", "name":"NONE", "domainName":"bssv_domain", "targetType": "owl_1212", "metricName":"owl_cluster" }, "domain":"jde" } }]}`
Exception	Throws an exception if the operation fails for any reason.

applicationversion

API Name	applicationversion
Description	Retrieves the app version of the deployed path code.
REST Methods	`GET`
Precondition	Agent must be running

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Input Params	agentHostName, jdeHome,instanceName

Sample Request	`https://jdesmc.example.com:8999/manage/mgmtrestservice/`
	`applicationversion?agentHostName=jdesma.example.com&jdeHome=/ u01/`
	`jde_agent_ent/SCFHA&instanceName=ent790`

Return	
Sample Response	
Exception	Throws an exception if the operation fails for any reason.

dbschemastatus

API Name	dbschemastatus
Description	Retrieves the deployment status of the DB schema.
REST Methods	`GET`
Precondition	oradb instance must be available.
Input Params	agentHostName,jdeHome,instanceName

Sample Request	`https://host:port/manage/mgmtrestservice/dbschemastatus?`
	`agentHostName=jdesma.example.com&jdeHome=D:`
	`\jdeagent1\SCFHA&instanceName=ora109`

Return	HTTP status 201 is returned.
Sample Response	
Exception	None..

pathcodes

API Name	pathcodes
Description	Retrieves all the deployed pathcodes for the respective

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	Enterprise Server instance.
REST Methods	`GET`
Precondition	Agent must be running.
Input Params	agentHostName, jdeHome,instanceName

Sample Request	`https://jdesmc.example.com:8999/manage/mgmtrestservice/pathcodes?`
	`agentHostName=jdesma. example.com&jdeHome=/u01/jde_agent_ent/`
	`SCFHA&instanceName=ent790`

Return	["DV","PY"]
Sample Response	
Exception	Throws an exception if the operation fails for any reason.

targettype

API Name	targettype
Description	Gets the target type of a managed instance.
REST Methods	`GET`
Precondition	Agent must be running.
Input Params	instanceName **Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.

Sample Request	`https://jdesmc.example.com:8998/manage/mgmtrestservice/ targettype?`
	`instanceName=HTML_8890`
	
	This is the sample request if you have duplicate instance names:
	
	`https://jdesmc.example.com:8998/manage/mgmtrestservice/`
	`targettype?instanceName=tqa_923_lnx_jas_smc_`
	`  21502&agentHostName=jdesma.example.com&jdeHome=/slot/ oracle/jde_`
	`agent_jas/SCFHA`

Return	String - targetType

Sample Response	`{ "instanceName": "PS_JAS_7114", "targetType": "webserver"}`
	
	This is the sample response if you have duplicate instances:
	
	`{ "instanceName": "PS_JAS_7114", "targetType": "webserver", "agentHostName":"" , "jdeHome":""}`

Exception	Throws an exception if the change component operation fails for any reason.

instancestate

API Name	instancestate
Description	Gets the state of the managed instance.
REST Methods	`GET`
Precondition	Agent must be running.
Input Params	instanceName **Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.
Sample Request	`https://jdesmc.example.com:8998/manage/mgmtrestservice/ instancestate?instanceName=HTML_8890` This is the sample request if you have duplicate instance names: `https:// jdesmc.example.com:8998/manage/ mgmtrestservice/instancestate? instanceName=HTML_8890`&agentHostName=jdesma.example.com&jdeHome=/slot/ ems12400/ oracle/jde_agent_jas/SCFHA
Return	String - instanceState
Sample Response	`{ "instanceName": "PS_JAS_7114", "instanceState": "STOPPED", "agentHostName":"jdesma.example.com", "jdeHome":"/slot/ /oracle/jde_ agent_jas/SCFHA"}`
Exception	Throws an exception if the change component operation fails for any reason.

consolecomponents

API Name	consolecomponents

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Description	Gets the Managed Components on the Server Manager Console.
REST Methods	`GET`
Precondition	
Input Params	
Sample Request	`https://jdesmc.example.com:8998/manage/mgmtrestservice/` `consolecomponents`
Return	Set of managedComponents with information about each component such as targetType, componentName, version, and platform.
Sample Response	`{ "managedComponentsSet": [ { "targetType":"agentInstallers",` `"componentName":"agentPackage7.jar", "version": "7",` `"platform": "windows,os400,aix,hpux,hpia64,solaris,linux" },` `{ "targetType":"rteserver", "componentName":` `"E1_TransactionServer_9.2.0.5_05-13-2016_01_19.jar",` `"version":"9.2.0.5", "platform":` `"windows,os400,aix,hpux,hpia64,solaris,linux" },` `{ "targetType":"rteserver", "componentName":` `"E1_TransactionServer_9.2.0.4_05-18-2016_06_04.jar",` `"version": "9.2.0.4", "platform":` `"windows,os400,aix,hpux,hpia64,solaris,linux" },` `{ "targetType": "depserver", "componentName":` `"9.2.0.5.Release.DS.Win32_06-08-2016_09_23.jar", "version":` `"9.2.0.5", "platform": "windows" }, { "targetType":"depserver",` `"componentName":"9.2.0.4.Debug.DS.Win32_05-18-2016_07_26.jar",` `"version":"9.2.0.4", "platform":"windows" } ]}`
Exception	Throws an exception if the operation fails.

agentcomponents

API Name	agentcomponents
Description	Gets the Managed Components on the particular Server Manager Agent.
REST Methods	`GET`
Precondition	Agent must be running.
Input Params	agentHostName, jdeHome

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Sample Request	`https://jdesmc.example.com:8998/manage/mgmtrestservice/`
	`agentcomponents?agentHostName=jdesma.example.com&jdeHome=/slot/ /`
	`oracle/jde_agent/SCFHA`

Return	Set of managedComponents with information about each component such as targetType, componentName, version, and platform.

Sample Response	`{ "agentHostName":"jdesma.example.com", "jdeHome":"C:`
	`\\jde_home_kni_1\\SCFHA", "managedComponentsSet":`
	`[ { "targetType":"rteserver", "componentName":`
	`"E1_TransactionServer_9.2.0.5_05-13-2016_01_19.jar",`
	`"version":"9.2.0.5" }, { "targetType":"depserver",`
	`"componentName": "9.2.0.5.Release.DS.Win32_06-08-2016_09_23.jar",`
	`"version":"9.2.0.5" }, { "targetType":"rteserver",`
	`"componentName":"E1_TransactionServer_9.2.0.4_05-18-2016_06_04.jar",`
	`"version":"9.2.0.4" } ]}`

Exception	Throws an exception if the operation fails for any reason.

smcsecurityserverconf

API Name	smcsecurityserverconf
Description	Gets the security server and port used by Server Manager Console.
REST Methods	`GET`
Precondition	None
Input Params	None
Sample Request	https://host:port/manage/mgmtrestservice/smcsecurityserverconf
Return	HTTP status 200 is returned.
Sample Response	`{ "result": [ "jdeSMC.example.com", "6010" ]}`
Exception	Throws an exception if the operation fails for any reason.

dbschemaflags

API Name	dbschemaflags

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Description	Retrieves all the DB Schema flags.
REST Methods	`GET`
Precondition	oradb instance must be available.
Input Params	agentHostName,jdeHome,instanceName

Sample Request	`https://host:port/manage/mgmtrestservice/dbschemaflags?`
	`agentHostName=jdesmc.example.com &jdeHome=D: \jde_agent_`
	`1\SCFHA&instanceName=ora109`

Return	HTTP status 200 is returned.
Sample Response	
Exception	None.

deploydbschema

API Name	deploydbschema
Description	Deploys additional schemas.
REST Methods	`POST`
Precondition	oradb instance must be available
Input Params	

Sample Request	`{"instanceName":"ora100","agentHostName":"jdesma.example.com",`
	`"targetType":"oradb","jdeHome":"/u01/jde_agent_1/SCFHA",`
	`"oradbInstance": {"oradbSchema":{ "oraPRIST":true },`
	`"oradbDemoSchema":{ "oraPRISTDEMO":rue } } }`

Return	HTTP status 201 is returned.
Sample Response	
Exception	None.

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getinstanceaccessinfo (Release 9.2.2.2)

API Name	getinstanceaccessinfo
Description	Gets the access configuration information of the managed instance.
REST Methods	`GET`
Precondition	Agent must be running
Input Params	instanceName **Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.

Sample Request	`https://jdesmc.example.com:8998/manage/ mgmtrestservice/ getinstanceaccessinfo?instanceName=HTML_8890`
	
	This is the sample request if you have duplicate instance names:
	
	`https://jdesmc.example.com:8998/manage/ mgmtrestservice/ getinstanceaccessinfo?instanceName=HTML_ 8890&agentHostName=jdesmc.example.com&jdeHome=/slot/ems12400/ oracle/jde_agent_jas/SCFHA`

Return	HTTP status 200 is returned.
Sample Response	`{ "instanceName": " HTML_8890", "result": { "port": "8890", "sslEnabled": "false", "hostNameOrIP": "jdesmc.example.com ", "fullyQualifiedDomainName": "jdesmc.example.com" }}`
Exception	None

agentinfo (Release 9.2.8.2)

API Name	agentinfo
Description	Returns information about a particular agent.
REST Methods	`GET`
Precondition	Agent must be up and running.

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Input Params	`agentHostName ,jdeHome`
Sample Request	`https://host:port/manage/mgmtrestservice/agentinfo?` `agentHostName=sma.oracle.com&jdeHome=C:\jde_home_agent_ SM9205\SCFHA`
Return	HTTP status 200 is returned.

Sample Response	`{"agentHostName": "localhost",`
	
	`"jdeHome": "C:\\SMC\\smc_agent_test\\SCFHA",`
	
	`"result": {`
	
	`"agentJavaVersion": "1.8",`
	
	`"userHome": "C:\\Users\\TEST",`
	
	`"agentType": "MANAGEMENT_SERVER",`
	
	`"agentHostPort": "14501",`
	
	`"javaVersion": "1.8.0_131",`
	
	`"javaVmName": "Java HotSpot(TM) 64-Bit Server VM",`
	
	`"state": "RUNNING",`
	
	`"userName": "TEST",`
	
	`"platform": "windows",`
	
	`"agentBuildNumber": "1",`
	
	`"javaHome": "C:\\Oracle\\MIDDLE~1\\ORACLE~2\\ORACLE~1\\jdk\\jre",`
	
	`"javaRuntimeVersion": "1.8.0_131-b11"`
	
	`}`
	
	`}`

Exception	None

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weblogicinfo (Release 9.2.8.2)

API Name	weblogicinfo
Description	Returns information about a particular weblogic server.
REST Methods	`GET`
Precondition	Agent must be up and running.
Input Params	`agentHostName, jdeHome`
Sample Request	https://host:port/manage/mgmtrestservice/weblogicinfo? agentHostName=sma.oracle.com&jdeHome=C:\jde_home_ SM9205\SCFMC
Return	HTTP status 201 Created is returned.
Sample Response	```{

"agentHostName": "localhost",

"jdeHome": "C:\\SMC\\SMC_9270\\SCFMC",

"result": {

"userHome": "C:\\Users\\TEST",

"javaVersion": "1.8.0_131",

"javaVmName": "Java HotSpot(TM) 64-Bit Server VM",

"weblogicHome": "C:\\Oracle\\MIDDLE~1\\ORACLE~2\\wlserver\\server",

"nmListernPort": "5556",

"adminPort": "8101",

"userName": "TEST",

"javaHome": "C:\\Oracle\\MIDDLE~1\\ORACLE~2\\ORACLE~1\\jdk\\jre",

"javaRuntimeVersion": "1.8.0_131-b11"

}

}``` |

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Exception	Throws an exception if the operation fails for any reason.

weblogicdomaininfo (Release 9.2.8.2)

API Name	weblogicdomaininfo
Description	Returns information about a weblogic domains which are configured in the middleware.
REST Methods	`GET`
Precondition	Agent must be up and running.
Input Params	`agentHostName, jdeHome, wlsInstanceName`

Sample Request	`https://host:port/manage/mgmtrestservice/weblogicdomaininfo?`
	`agentHostName=sma.oracle.com&jdeHome=C:\SMC\smc_agent_test`
	`\SCFHA&wlsInstanceName=wls`

Return	HTTP status 201 Created is returned.

Sample Response	`{`
	
	`"agentHostName": "localhost",`
	
	`"jdeHome": "C:\\SMC\\smc_agent_test\\SCFHA",`
	
	`"result": {`
	
	`{`
	
	`"domainName": "base_domain",`
	
	`"javaVersion": "1.8.0_131",`
	
	`"AdminPort": "7001",`
	
	`"nmListernPort": "5556"`
	
	`}`
	
	`{`
	
	`"domainName": "E1_domain",`

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```
"javaVersion": "1.8.0_131",

"AdminPort": "7003",

"nmListernPort": "5556"

}

}
```

Exception	Throws an exception if the operation fails for any reason.

REST APIs for Manage and Update Operations

This section contains the details of the REST APIs used for management and update operations.

startinstance

API Name	startinstance
Description	Starts all the managed instances within a Server Manager Console.
REST Methods	`POST`
Precondition	Agent must be running.
Input Params	instanceName **Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.

Sample Request	`https://jdesmc.example.com:8998/manage/mgmtrestservice/`
	`startinstance{"instanceName":"HTML_8890"}`
	
	This is the sample request if you have duplicate instance names:
	
	`https://jdesmc.example.com:8998/manage/mgmtrestservice/`
	`startinstance{"instanceName":"HTML_8890",`
	`"agentHostName":"jdesmc.example.com","jdeHome":"/slot/oracle/jde_`
	`agent_jas/SCFHA"}`

Return	HTTP status 200 is returned.
Sample Response	

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Exception	Throws an exception in case of problems.

stopinstance

API Name	stopinstance
Description	Stops any managed instance.
REST Methods	`POST`
Precondition	Agent must be running.
Input Params	instanceName **Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.
Sample Request	`https://jdesmc.example.com:8998/manage/mgmtrestservice/` `stopinstance{"instanceName" : "HTML_8890"}` This is the sample request if you have duplicate instance names: `https://jdesmc.example.com:8998/` `manage/mgmtrestservice/stopinstance{"instanceName":"HTML_8890",` ` "agentHostName":"jdesmc.example.com", "jdeHome":"/slot/oracle/jde_` `agent_jas/SCFHA"}`
Return	HTTP status 200 is returned.
Sample Response	
Exception	Throws an exception in case of problems.

startallinstances

API Name	startallinstances
Description	Starts all the managed instances within a Server Manager Console.
REST Methods	`POST`
Precondition	targetType can be set to allwebserver to start only the Web Targets. Otherwise, all of the managed targets will be started.
Input Params	

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Sample Request	`{"targetType":"allwebserver",}` **This input is optional and it is required to start only the web instances. Otherwise, all of the managed targets will be started.**
Return	HTTP status 200 is returned.
Sample Response	
Exception	Response.Status.INTERNAL_SERVER_ERROR

stopallinstances

API Name	stopallinstances
Description	Stops all the managed instances within a Server Manager Console.
REST Methods	**POST**
Precondition	targetType can be set to allwebserver to stop only the web targets. Otherwise, all of the managed targets will be stopped.
Input Params	
Sample Request	`{"targetType":"allwebserver",}` **This input is optional and it is required to stop only the web instances. Otherwise, all of the managed targets will be stopped.**
Return	HTTP status 200 is returned.
Sample Response	
Exception	Response.Status.INTERNAL_SERVER_ERROR

stopwlsserver

API Name	stopwlsserver
Description	Stops the J2ee container within a WebLogic Server instance.

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REST Methods	`POST`
Precondition	Agent must be running.
Input Params	wlsInstanceName, wlsDomainName, wlsServerName **Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.
Sample Request	`{"wlsInstanceName":"JAS_9001","wlsDomainName":"E1_ domain", "wlsServerName": "J2EE_JAS_9001"}https://jdesmc.example.com:8998/ manage/mgmtrestservice/stopwlsserver` This is the sample request if you have duplicate instance names: `{"wlsInstanceName":"JAS_9001","wlsDomainName": "E1_domain","wlsServerName":"J2EE_JAS_9001", "agentHostName":"jdesmc.example.com", "jdeHome":"/slot/ oracle/ jde_agent_jas/SCFHA"}https://jdesmc.example.com:8998/manage/ mgmtrestservice/stopwlsserver`
Return	HTTP status 200 is returned.
Sample Response	
Exception	Throws an exception if it is not possible to stop the J2ee container for any reason.

startwlsserver

API Name	startwlsserver
Description	Starts the J2ee container within a WebLogic Server instance.
REST Methods	`POST`
Precondition	Agent must be running.
Input Params	wlsInstanceName, wlsDomainName, wlsServerName **Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.
Sample Request	`{"wlsInstanceName": "wls12c3_ems17481","wlsDomainName":E1_domain", "wlsServerName": "Testapi"}https://jdesmc.example.com:8998/ manage/mgmtrestservicestartwlsserver` This is the sample request if there are duplicate instance names: `{"wlsInstanceName":"wls12c3_ ems17481","wlsDomainName":"E1_domain","wlsServerName": "Testapi" "agentHostName":"jdesmc.example.com", "jdeHome":"/slot/oracle/ jde_agent_jas/ SCFHA"}https://jdesmc.example.com:8998/manage/ mgmtresservicestartwlsserver`

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Return	HTTP status 200 is returned.
Sample Response	
Exception	Throws an exception if it is not possible to stop the J2ee container for any reason.

updateagent

API Name	updateagent
Description	Updates the selected Managed Home component to a new version.
REST Methods	`POST`
Precondition	Agent must be running.
Input Params	agentHostName, jdeHome
Sample Request	`{"agentHostName" : "https://jdesmc.example.com:8998", "jdeHome": "/slot/ oracle/jde_agent/SCFHA"}https://jdesmc.example.com:8998/ manage/mgmtrestservice/updateagent`
Return	HTTP status 200 is returned.
Sample Response	
Exception	Throws an exception if the operation fails for any reason.

updateallagents

API Name	updateallagents
Description	Updates all the required Managed Homes to a new version.
REST Methods	`POST`
Precondition	Agent must be running.

Input Params	
Sample Request	**`https://jdesmc.example.com:8998/manage/mgmtrestservice/`** **`updateallagents`**
Return	HTTP status 200 is returned.
Sample Response	
Exception	Throws an exception if the operation fails for any reason.

updateIniconfig

API Name	updateIniconfig
Description	Updates INI config through JSON for any EnterpriseOne instances such as the HTML, RTE, AIS, ENTERPRISE, BSSV Servers, and so on.
REST Methods	**`POST`**
Precondition	Agent must be running.
Input Params	instanceName , sectionName, iniConfig **Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.
Sample Request	**`This is the sample request if you have duplicate instance`** **`names: https://jdesmc.example.com:8998/manage/mgmtrestservice/`** **`updateiniconfig {"instanceName":"tqa_923_lnx_jas_den60206jems_`** **`21500", "agentHostName":"jdesmc.example.com", "jdeHome":"/slot/`** **`oracle/jde_agent_jas/SCFHA", "sectionName":"EVENTS", "iniConfig":`** **`{ "EVENTS":{ "initialContextFactory":"none", "jndiProviderURL":"",`** **`"Testentry":"Testing 'updatiniconfig' API" } }}`**
Return	Updated INI config section is returned.
Sample Response	
Exception	None.

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updatejdesystem

API Name	updatejdesystem
Description	Runs the final wiring script to update the hostname/ip/port for different servers like SMC/ENT/DEP/JAS/BSSV/AIS/BIP. Note. This API can be used for cloud provisioning only.
REST Methods	`POST`
Precondition	oradb instance must be available.
Input Params	
Sample Request	`{"instanceName":"ora100","agentHostName":"jdesma.example.com", "targetType":"oradb","jdeHome":"/u01/jde_agent_1/ SCFHA", "jdeSystemHostInfo": { "jdeAdfPrt":"7071", "jdeAisIp":"192.XXX.X.X", "jdeAisNam":"testais", "jdeAisPrt":"7070", "jdeDbNam":"testdb", "jdeDpNam":"testdp", "jdeEntNam":"testent", "jdeJasNam":"testjas", "jdeJasIp":"192.168.1.2", "jdeJasPrt":"80", "jdeOvrIp":"192.168.1.2", "jdeOvrNam":"testovr", "jdeOvrPrt":"97101", "jdeSmNam":"testsmc", "jdeWlsAdminPass":"test123" }}`
Return	HTTP status 200 is returned.
Sample Response	
Exception	Response.Status.INTERNAL_SERVER_ERROR

updatesmcsecurityserver

API Name	updatesmcsecurityserver
Description	Updates the security server and the port used by the Server Manager Console.
REST Methods	`POST`
Precondition	Agent must be running.
Input Params	securityServerName, securityServerPort

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Sample Request	`{ "securityServerName":"jdeent.example.com",`
	`"securityServerPort":"60xx"}https://host:port/manage/`
	`mgmtrestservice/updatesmcsecurityserver`

Return	HTTP status 200 is returned.
Sample Response	
Exception	Throws an exception if the operation fails for any reason.

updatemultijdesystem (Release 9.2.1.2)

API Name	updatemultijdesystem
Description	Updates the EnterpriseOne tables such as OCM, DSM, and so on to work with multiple Enterprise and JAS Servers.
REST Methods	`POST`
Precondition	
Input Params	instanceName
	agentHostName
	targetType
	jdeHome
	jdeAdfPrt
	jdeAislp
	jdeAisNam
	jdeAisPrt
	jdeDbNam
	jdeDpNam
	jdeEntNam
	jdeJasNam
	jdeJaslp

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	jdeJasPrt
	jdeOvrIp
	jdeOvrNam
	jdeOvrPrt
	jdeSmNam
	jdeWlsAdminPass
	jdeAddEntNam
	jdeAddEntPathCode
	jdeAddEntObjType
	jdeAddJasNam
	jdeAddJasPrt
	jdeAddEntPrt
	jdeChgdbHost jdeChgdbPathcode
	jdeChgdbTns
Sample Request	`{"instanceName":compute_v1","agentHostName" : "den00ugh","targetType":"oradb","jdeHome":"/u01/jde_agent_1/ SCFHA", "jdeSystemHostInfo" : { "jdeAdfPrt":"7071", "jdeAisIp":"", "jdeAisNam":"", "jdeAisPrt":"7070", "jdeDbNam":"", "jdeDpNam":"", "jdeEntNam":"", "jdeJasNam":"", "jdeJasIp":"", "jdeJasPrt":"", "jdeOvrIp":"", "jdeOvrNam":"", "jdeOvrPrt":"", "jdeSmNam":"", "jdeWlsAdminPass":"", "jdeAddEntNam":"", "jdeAddEntPathCode" :" ", "jdeAddEntObjType":"", "jdeAddJasNam":"jdehtml1310- wls-1A", "jdeAddJasPrt":"8001", "jdeAddEntPrt":"6012,6013", "jdeChgdbHost":"test1,test2", "jdeChgdbPathcode":"DV920,PD920", "jdeChgdbTns":"tns1,tns2" }}`
Return	HTTP Status 200 is returned.
Sample Response	
Exception	Response.Status.INTERNAL_SERVER_ERROR

updateinstanceaccessinfo (Update 9.2.2.2)

API Name	updateinstanceaccessinfo

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Description	Updates the access configuration information of the managed instance.
REST Methods	`POST`
Precondition	Agent must be running.
Input Params	instanceName, **sslEnabled,port, hostNameOrIP, fullyQualifiedDomainName Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.
Sample Request	`https://jdesmc.example.com:8998/manage/ mgmtrestservice/ updateinstanceaccessinfo {"instanceName":" HTML_8890", "sslEnabled" :"false", "port":8890,"hostNameOrIP": "jdesmc.example.com", "fullyQualifiedDomainName" :"jdesmc.example.com"}` This is the sample request if you have multiple instance names: `Url: https:// jdesmc.example.com:8998/manage/ mgmtrestservice/ updateinstanceaccessinfo {"instanceName": "tqa_923_lnx_jas_jdescmc_ 21500","agentHostName": "jdesmc.example.com","jdeHome":"/slot/ oracle/jde_agent_jas/SCFHA","sslEnabled":"false", "port":21500, "hostNameOrIP": "jdesmc.example.com", "fullyQualifiedDomainName": "jdesmc.example.com"}`
Return	HTTP status 204 is returned.
Sample Response	
Exception	None.

refreshenvironments (Release 9.2.6)

API Name	refreshenvironments
Description	This API refreshes static environments in system kernel processes and triggers all callobject kernels to recycle in the JD Edwards EnterpriseOne Enterprise Server instance.
REST Methods	`POST`
Precondition	The Server Manager Console, the Server Manager Agent, and the JD Edwards EnterpriseOne Enterprise Server must all be running.
Input Params	Server Manager admin user and password or Token Enterprise Server agentHostName, jdeHome and instanceName

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Sample Request	`{{protocol}}://{{ip}}:{{port}}/manage/`
	`mgmtrestservice/ refreshenvironments?`
	`agentHostName=<agentHostName>&jdeHome=<jdeHome>&instanceName=<instanceName>`

Return	HTTP status 200 is returned.

Sample Response	`{ "refreshEnvironments": [ { "agentHostName":"jdesma.example.com",`
	`"jdeHome":"Z:\\jde_agent_6017\\SCFHA", "instanceName":"tqa_924_win_`
	`ent_jdesma_6117", "status":"success" } ] }`

Exception	Throws an exception if the operation fails for any reason.

REST APIs for Runtime Metrics (Tools Update Release 9.2.2)

This section contains the details of the REST APIs used for runtime metrics.

instanceinfometric

API Name	instanceinfometric
Description	Displays the instance uptime and online users' information for HTML, AIS, and RTE server. Additionally it will also display the user login status for the HTML server.
REST Methods	`GET`
Precondition	Server Manager and Agent must be running.
Input Params	instanceName **Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.

Sample Request	This is the sample request if you have multiple instance names: `https://`
	`den60206jems.example.com:8998/manage/mgmtrestservice/`
	`instanceinfometric?instanceName=tqa_923_lnx_jas_den60206jems_`
	`21502&agentHostName=jdesmc.example.com&jdeHome=/slot/oracle/jde_`
	`agent_jas/SCFHA`

Return	HTTP status 200 is returned.

Sample Response	`Standalone (responses…){ "instanceInformation":`
	`{ "totalOnlineUsers":"0", "nodesInformation":`
	`[ { "nodeName":"singleton", "instanceUptime":"20 hours,`
	`3 minutes", "onlineUsers":"0", "userLoginStatus":`

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```
"Enabled" } ] }}Cluster{ "instanceInformation":
{ "totalOnlineUsers":"0", "nodesInformation":[{"nodeName": "VC_
 MS1", "instanceUptime":"19 hours, 48 minutes", "onlineUsers":"0" },
 { "nodeName":VC_MS2", "instanceUptime": "19 hours, 48 minutes",
 "onlineUsers":"0" } ] }}
```

Exception	Throws an exception if the operation fails for any reason.

javamemoryusage

API Name	javamemoryusage
Description	Displays the Java memory usage data for the HTML, AIS, and RTE Servers.
REST Methods	**GET**
Precondition	Server Manager and Agent must be running.
Input Params	**instanceName Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.
Sample Request	This is the sample request if you have multiple instance names: https://jdesmc.example.com:8998/manage/mgmtrestservice/ javamemoryusage?instanceName=tqa_923_lnx_jas_jdejas_ 21502&agentHostName=jdejas.example.com&jdeHome=/slot/oracle/jde_ agent_jas/SCFHA
Return	HTTP status 200 is returned.
Sample Response	Standalone{ "javaMemoryUsage":[{" nodeName ":"singleton", "heapMemoryUsed":"146627000", "committedHeapMemory":911736832", "maximumAllowedMemory": "954728448" }]}Cluster{ "javaMemoryUsage": [{ " nodeName ": "VC_MS1", "heapMemoryUsed":"106951784", "committedHeapMemory":"157810688", "maximumAllowedMemory": "239075328" }, { " nodeName ":"VC_MS2", "heapMemoryUsed": "107283504", "committedHeapMemory":"142606336", "maximumAllowedMemory":"239075328" }]}
Exception	Throws an exception if the operation fails for any reason.

callobjectstats

API Name	callobjectstats

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Description	Displays the call object statistics of the HTML server.
REST Methods	`GET`
Precondition	Server Manager and Agent must be running.
Input Params	**instanceName Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.
Sample Request	`This is the sample request if you have multiple instance names: https://jdesmc.example.com:8998/manage/mgmtrestservice/ callobjectstats?instanceName=tqa_923_lnx_jas_jdejas_ 21502&agentHostName=jdejas.example.com&jdeHome=/slot/oracle/jde_ agent_jas/SCFHA`
Return	HTTP status 200 is returned.
Sample Response	`{ "callObjectStats":[ { "enterpriseServer":"DEN00MBX:6017", "businessFunctionName":"[init-remote-env]", "totalInvocations":"1", "firstTime":"849", "averageTime":"849", "shortestTime":"849", "longestTime":"849", "totalTime":"0", "timeoutErrors":"0", "appErrors":"0", "sysErrors":"0" }]}`
Exception	Throws an exception if the operation fails for any reason.

jdbjpooledconnections

API Name	jdbjpooledconnections
Description	Displays the details of JDBj Pooled Database connections of the HTML Server.
REST Methods	`GET`
Precondition	Server Manager and Agent must be running.
Input Params	**instanceName Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.
Sample Request	`This is the sample request if you have multiple instance names: https://jdesmc.example.com:8998/manage/mgmtrestservice/ jdbjpooledconnections?instanceName=tqa_923_lnx_jas_jdejas_ 21502&agentHostName=jdejas.example.com&jdeHome=/slot/oracle/jde_ agent_jas/SCFHA`

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Return	HTTP status 200 is returned.

Sample Response	`{ "instanceName":"JasVohs8009", "jdbjPooledDatabaseConnections":`
	`{ "totalPooledConnections":"30", "jdbjPooledDbConnectionList":`
	`[ { "webserver":"JasVohs8009_MS1", "jdbjConnectionURL":"JDEORCL_`
	`SY920", "pooledDbConnectionCount": "5" }, { "webserver":`
	`"JasVohs8009_MS1", "jdbjConnectionURL":"jdeorcl_SY920",`
	`"pooledDbConnectionCount":"5" }, { "webserver":"JasVohs8009_MS1",`
	`"jdbjConnectionURL": "jdeorcl_PY920", "pooledDbConnectionCount":`
	`"5" }, { "webserver":"JasVohs8009_MS1", "jdbjConnectionURL":`
	`"jdeorcl_JDE", "pooledDbConnectionCount": "5" }, { "webserver":`
	`"JasVohs8009_MS1", "jdbjConnectionURL":"jdeorcl_OL920",`
	`"pooledDbConnectionCount":"5" }, { "webserver": "JasVohs8009_MS1",`
	`"jdbjConnectionURL":"jdeorcl_DD920", "pooledDbConnectionCount":`
	`"5" } ] }}`

Exception	Throws an exception if the operation fails for any reason.

rungc

API Name	rungc
Description	Executes the garbage collection, and clears up the HEAP memory used for the given instance.
REST Methods	`DELETE`
Precondition	Server Manager and Agent must be running.
Input Params	instanceName **Note (Release 9.2.4.3)**: Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.

Sample Request	`{ "instanceName":"AIS_VC8001"}` This is the sample request if you have duplicate instance names: `{ "instanceName":"AIS_VC8001",`
	`"agentHostName":"jdesmc.example.com", "jdeHome":"/slot/oracle/jde_`
	`agent_jas/SCFHA"}`

Return	HTTP status 200 is returned.
Sample Response	`{ "instanceName":"JAS_OEL", "javaMemoryUsage":[ { "BEFORE-` `heapMemoryUsed":"198448816", "AFTER-HeapMemoryUsed":"55078512" } ]}`
Exception	Throws an exception if the operation fails for any reason.

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updateloglevel

API Name	updateloglevel
Description	Enables the user to change the log level of the logs present in the given instance. It will also execute the synchronizing task for JAS, AIS, Orchestrator, and ADF instances.
REST Methods	`POST`
Precondition	Server Manager and Agent must be running.
Input Params	instanceName, logginLevel, logName. **Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.
Sample Request	`{"instanceName":"Jas_7501","loggingLevel":"APP","logName":"E1LOG"}` `This is the sample request if you have duplicate instance names:` `{"instanceName":"Jas_7501","loggingLevel":"APP","logName":"E1LOG",` `"agentHostName":"jdesmc.example.com", "jdeHome":"/slot/oracle/jde_` `agent_jas/SCFHA"}`Note:Valid log level values are: SEVERE, WARN, APP, DEBUG This target type does not have this metric: jdbcserver
Return	HTTP status 200 is returned.
Sample Response	
Exception	Throws an exception if the operation fails for any reason.

jdbjdatabasecaches

API Name	jdbjdatabasecaches
Description	Displays the JDBj Database caches of the specified HTML instance.
REST Methods	`GET`
Precondition	Server Manager and Agent must be running.
Input Params	**instanceName Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.
Sample Request	`This is the sample request if you have multiple instance` `names: https://jdesmc.example.com:8998/manage/mgmtrestservice/`

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```
jdbjdatabasecaches?instanceName=tqa_923_lnx_jas_jdejas_
 21502&agentHostName=jdejas.example.com&jdeHome=/slot/oracle/jde_
agent_jas/SCFHA
```

Return	HTTP status 200 is returned.
Sample Response	`{ "instanceName":"jasVC", "jdbjDatabaseCachesDetail":[{ "nodeId": "JAS_MS2", "cacheName":"JDBj Service Cache", "cacheHitRatio": "0.0", "cacheSize":"0", "cacheAccesses":"0", "cacheHits":"0", "cacheMisses":"0" }, { "nodeId":"JAS_MS2", "cacheName":"Data Dictionary Glossary Text", "cacheHitRatio":"0.0", "cacheSize":"0", "cacheAccesses":"0", "cacheHits":"0", "cacheMisses":"0"},]}`
Exception	Throws an exception if the operation fails for any reason.

clearjdbjdatabasecaches

API Name	clearjdbjdatabasecaches
Description	Clears the JDBj Database caches for the given HTML instance.
REST Methods	`DELETE`
Precondition	Server Manager and Agent must be running.
Input Params	
Sample Request	`{ "instanceName":"jasVC", "jdbjDatabaseCacheName":"ALL", "nodeId":"JAS_MS2"}` **Valid Cache Names:** "ALL", "Data Dictionary Glossary Text", "Data Dictionary Alpha Cache", "Row Column Cache", "JDBj Security Cache", "JDBj Service Cache", "JDBj OCM Cache", "Serialized Objects", "Menu Cache" **Note:** nodeId key value in the request body is required only for clustered instances. Multiple cache name values can be given with comma separated valid cache names.
Return	HTTP status 200 is returned.
Sample Response	
Exception	Throws an exception if the operation fails for any reason.

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cleardatacaches (Release 9.2.3.4)

API Name	cleardatacaches
Description	Provides the functionality to clear Form Extension, Personalized Form and Search Group caches in case of an HTML server. Clears Orchestration and Notification, Form Service and Data Service, and Read Data caches in the case of an AIS server.
REST Methods	`DELETE`
Precondition	Server Manager Console must be running. Managed AIS and HTML server instances must be running. Managed AIS and HTML server runtime metrics should be working.
Input Params	instanceName - Name of the managed instance. and targetType - Target type of the managed instance (either the REST server for the AIS server or the webserver for the HTML server). Example values for targetType: `"restserver,webserver"` **Note:** Use these parameters as part of the query parameter in the request.

Sample Request	<pre>curl --request delete \
	 --url 'https://<SMC_HOST>:<SMC_PORT>/manage/mgmtrestservice/
	cleardatacaches?targetType=restserver&jdeHome=/opt/jde/jde_home_wls/
	SCFHA&agentHostName=LNXENT92&instanceName=AIS_DV920_2003' \
	 --header 'Accept: */*' \
	 --header 'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \
	 --header 'Content-Type: application/json' \
	 --data '{
	"instanceName":"AIS_DV920_2003",
	"targetType":"restserver"
	}'</pre>

Return	HTTP OK or HTTP FORBIDDEN (no body).
Sample Response	
Exception	Throws an exception if the managed instance is not running or if the managed instance name is not valid. Check the Server Manager Console, AIS server or HTML server logs for more details. When you run the managed instances by using the targetType, ensure that the preconditions are met for each of the managed instances of REST server or webserver against which the API is run.

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entserverinstanceinfo

API Name	entserverinstanceinfo
Description	Provides information about the Enterprise Server.
REST Methods	`GET`
Precondition	Server Manager and Agent must be running.
Input Params	instanceName **Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.
Sample Request	`https://jdesmc.example.com:24500/ manage/mgmtrestservice/ entserverinstanceinfo? agentHostName=jdeent.example.com&jdeHome=/ slot/appmgr/jde_agent_ent/SCFHA&instanceName=tqa_923_lnx_ent_jdeent_ 4000`
Return	HTTP status 200 is returned.
Sample Response	`{ "instanceName":"rspybl0905", "entServerInstanceInfoDetail": [ { "instanceUptime":"23 days, 17 hours, 57 minutes", "networkJobs":"6", "kernelJobs":"11", "zombieProcesses":"0", "securityKernelUsers":"0", "callObjectUsers":"0", "instanceLevelCPU":"0", "intanceLevelMemory":"4789" } ]}`
Exception	Throws an exception if the operation fails for any reason.

entserverprocessmetric

API Name	entserverprocessmetric
Description	Provides information about all the processes of the Enterprise Server. Connected users tag in the response will be shown only for Call Object and Security Kernel processes as other process types does not have this information.
REST Methods	`GET`
Precondition	Server Manager and Agent must be running.

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Input Params	**Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.
Sample Request	This is the sample request if you have multiple instance names: : `https://jdesmc.example.com:24500/ manage/mgmtrestservice/ entserverprocessmetric? agentHostName=jdeent.example.com&jdeHome=/ slot/appmgr/jde_agent_ent/SCFHA&instanceName=tqa_923_lnx_ent_ jdeent_4000`
Return	HTTP status 200 is returned.
Sample Response	`{ "instanceName":"rspybl0905", "entServerProcessMetricDetail": [{ "generalInformation":{ "processName":"SECURITY KERNEL", "processType":"Kernel Process", "rangeIndex":"3", "processId": "22892","processIndex":"6", "startTime":"6/4/17 3:30 AM", "lastMessageTime":"6/6/17 10:31 AM", "messagesReceived":"51163", "outstandingRequests":"0", "parentProcessId":"2176", "iSeriesJobNumber":"0", "processUserId":"1001", "osGroupId":"1002", "osUsername":"jde920", "osStatus":"1", "memory":"182", "cpu":"0", "threads":"1", "jdeCaches":"0", "totalOpenJDBTransactions":"3", "manualOpenJDBTransactions":"0", "dataPointers":"0", "tablesOrViews":"7", "jdbTableCaches":"0", "databaseConnections":"1" }, "connectedUsers": [{ "userName": "JDE", "originatingMachine": "rajespybl0905", "signOnTime": "6/ 6/2017 10:29:46","originatingProcessId":"12205", "originatingProcessName": "CALL OBJECT KERNEL" }], "threadDetail": { "threadId":"-175184128", "threadIndex":"6", "threadName":"MAIN_THREAD" } },`
Sample Response	`{ "generalInformation":{ "processName":"CALL OBJECT KERNEL", "processType":"Kernel Process", "rangeIndex":"5", "processId": "12205","processIndex":"17", "startTime":"6/6/17 5:49 AM", "lastMessageTime":"6/6/17 10:31 AM", "messagesReceived":"4386", "outstandingRequests":"0", "parentProcessId":"2059", "iSeriesJobNumber":"0", "processUserId":"1001", "osGroupId":"1002", "osUsername":"jde920", "osStatus":"1", "memory":"305", "cpu":"0", "threads":"7", "jdeCaches":"0", "totalOpenJDBTransactions":"24", "manualOpenJDBTransactions": "0", "dataPointers":"0", "tablesOrViews":"0", "jdbTableCaches": "7", "databaseConnections":"5" }, "connectedUsers": [{ "userName":"JDE", "operatingMachine":"jdeMachine.example.com", "environment":"JPY920", "signOnTime":"6/ 6/2017 10:29:46", "lastActiveTime":"6/ 6/2017 10:30:00", "jdeCaches":"0", "totalOpenJdbTransaction":"24", "manualOpenJdbTransaction":"0", "dataPointers":"0" }], "threadDetail":{ "threadId":"-378537152", "threadIndex":"17", "threadName":"SYS:Response Msg Listener" } }]}`
Exception	Throws an exception if the operation fails for any reason.

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entserverprocessmetric (Release 9.2.26.0)

API Name	entserverprocessmetric
Description	This API performs the specified action(ex. clearZombies) on all processes of an Enterprise Server.
REST Methods	POST
Permission	enterpriseServerDeveloper
Precondition	Server manager, agent and entserver must be running.
Input Params	instanceName agentHostName jdeHome action

Sample Request	`curl --location --request POST 'http://jdesmc.example.com.0.0.1:7101/`
	`manage/mgmtrestservice/entserverprocessmetric?`
	`instanceName=EnterpriseServer&agentHostName=jdesmc.example.com&jdeHome=C`
	`%3A%5Cjde_home_2%5CSCFHA&action=clearZombies' \ --header`
	`'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \ --header 'Cookie:`
	`SMCONSOLE_SSID=Pz8ssF601M3xL4CyyXBIdgqDSKB2vo3FyZGRMRdPAAJhslNoh6bX!`
	`2131912258' \ --data ''`

Return	HTTP status 200 is returned.
Sample Response	`200 OK`
Exception	400, 403 or 500 for error.

entserverprocessmetric/{processId} (Release 9.2.26.0)

API Name	entserverprocessmetric/{processId}
Description	This API performs the specified action (ex. clearZombie or recycleKernel) on the specified process of Enterprise Server.
REST Methods	POST
Permission	enterpriseServerDeveloper
Precondition	Server manager, agent and entserver must be running.

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Input Params	instanceName
	agentHostName
	jdeHome
	action

Sample Request	`curl --location --request POST 'http://jdesmc.example.com.0.0.1:7101/`
	`manage/mgmtrestservice/entserverprocessmetric/6441?`
	`instanceName=EnterpriseServer&agentHostName=jdesmc.example.com&jdeHome=C`
	`%3A%5Cjde_home_2%5CSCFHA&action=clearZombie' \ --header`
	`'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \ --header 'Cookie:`
	`SMCONSOLE_SSID=kZEs4DaE8RM82WkupGJE1iRAeyRpMVYSYPlzuVvbC5QdJEuZZF2v!`
	`2131912258' \ --data ''`

Return	HTTP status 200 is returned.
Sample Response	`200 OK`
Exception	400, 403 or 500 for error.

cleartablecache

API Name	cleartablecache
Description	Provides the feature to clear table cache for the Enterprise Server. User can clear a single table cache, multiple table cache or ALL table caches.
REST Methods	`DELETE`
Precondition	Server Manager and Agent must be running.
Input Params	
Sample Request	`{"tableName":"F0113","environmentName":"JDV920"}` **Note:** Entering the tableName and environmentName as "ALL" will clear all the table caches.
Return	HTTP status 200 is returned.

Sample Response	`{ "tableName":"ALL", "environmentName":"ALL", "clearTableCache":`
	`[ { "instanceName":"rajespdbl0905", "status":"SUCCESS",`
	`"statusMessage":"Cleared table cache with success." },`

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```
{ "instanceName":"rajespybl0905", "status":"SUCCESS",
"statusMessage":"Cleared table cache with success." } ]}
```

Exception	Throws an exception if the operation fails for any reason.

configsummary

API Name	configsummary
Description	Provides information about the configuration INIs of the specified instance.
REST Methods	`GET`
Precondition	Server Manager and Agent must be running.
Input Params	instanceName, **configurationSummary Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: `|agentHostName, jdeHome.`
Sample Request	`This is the sample request if you have duplicate instance names: https://jdesmc.example.com:8998/manage/mgmtrestservice/ configsummary?instanceName=tqa_923_lnx_jas_jdeJas_ 21502&agentHostName=jdeJas.example.com&jdeHome=/slot/oracle/jde_ agent_jas/SCFHA`
Return	HTTP status 200 is returned.
Sample Response	`{ "instanceName":"aisStand7505", "configurationSummary": [{ "description":"Display Environment", "group":"Display Information","iniSection":"BASIC CONFIG", "name":"DisplayEnvironment", "value":"false" }, { "description": "Display Role", "group":"Display Information", "iniSection":"BASIC CONFIG", "name":"DisplayRole", "value":"false" }]}`
Exception	Throws an exception if the operation fails for any reason.

useractivity

API Name	useractivity
Description	Provides information about the users that are loggen into the HTML, AIS and Enterprise Servers (Release 9.2.26.0) along with the open applications information. This API fetches details of all the users if an input value is not provided.

REST Methods	`GET`
Precondition	Server Manager and Agent must be running.
Input Params	**Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.
Sample Request	`{{protocol}}://{{ip}}:{{port}}/manage/mgmtrestservice/useractivity?` `username=JDE&environmentName=JPY920`
Return	
Sample Response	`{ "userActivityDetail": [{ "userName": "JDE", "targetType": "EnterpriseOne AIS Server Sessions", "instanceName": "ais8003", "jvmNodeId": "-", "jasSessionId": "4129547715806897956", "clientDevice": "Chrome (19X.XX.XX.XX)", "environmentName": "JPY920", "userRole": "*ALL", "loginTime": "6/16/17 9:14 AM", "lastActiveTime": "6/16/17 9:14 AM", "jasServer": "https:// jdewebraj01:8001" }, { "userName": "JDE", "targetType": "EnterpriseOne HTML Server Sessions", "instanceName": "html8001", "jvmNodeId": "html8001_MS1", "htmlServerSessionId": "3950964184071149568", "clientMachine": "jdewebraj01.compute-a473400.oraclecloud.internal (10.XX.XX.XX)", "environmentName": "JPY920", "userRole": "SYSADMIN", "loginTime": "6/16/17 9:14 AM", "idleTime": "63", "remoteEnvironments": "RAJESPYBL0905:6017 PID: 18181" },`
Sample Response	`{ "userName": "JDE", "targetType": "EnterpriseOne HTML Server Sessions", "instanceName": "html8001", "jvmNodeId": "html8001_MS1", "htmlServerSessionId": "4980954325618865152", "clientMachine": "jdeclient.example.com (19X.XX.XX.XX)", "environmentName": "JPY920", "userRole": "SYSADMIN", "loginTime": "6/16/17 9:14 AM", "idleTime": "57", "remoteEnvironments": "RL0905:6017 PID: 20612" }, { "userName": "JDE", "targetType": "Enterprise Server Resources", "instanceName": "rl0905", "processName": "SECURITY KERNEL", "processID": "11709", "jdelogFileSize": "1,728", "debugLogSize": "92", "activeUsers": "1" }, { "userName": "JDE", "targetType": "Enterprise Server Resources", "instanceName": "rl0905", "processName": "CALL OBJECT KERNEL", "processID": "20612", "jdelogFileSize": "1,110", "debugLogSize": "92", "activeUsers": "1" }]}`
Sample Response (Release 9.2.26.0)	`{ "userActivityDetail": [{ "userName": "JDE", "targetType": "EnterpriseOne AIS Server Sessions", "instanceName": "ais8003", "jvmNodeId": "-", "jasSessionId": "4129547715806897956", "clientDevice": "Chrome (19X.XX.XX.XX)", "environmentName": "JPY920", "userRole": "*ALL", "loginTime": "6/16/17 9:14 AM", "lastActiveTime": "6/16/17 9:14 AM", "jasServer": "https:// jdewebraj01:8001" }, { "userName": "JDE", "targetType": "EnterpriseOne HTML Server Sessions", "instanceName": "html8001", "jvmNodeId": "html8001_MS1", "htmlServerSessionId": "3950964184071149568", "clientMachine":`

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"jdewebraj01.compute- a473400.oraclecloud.internal (10.XX.XX.XX)",
"environmentName": "JPY920", "userRole": "SYSADMIN", "loginTime":
"6/16/17 9:14 AM", "idleTime": "63", "remoteEnvironments":
"RAJESPYBL0905:6017 PID: 18181" }, { "userName": "JDE",
"targetType": "EnterpriseOne HTML Server Sessions", "instanceName":
"html8001", "jvmNodeId": "html8001_MS1", "htmlServerSessionId":
"4980954325618865152", "clientMachine": "jdeclient.example.com
(19X.XX.XX.XX)", "environmentName": "JPY920", "userRole":
"SYSADMIN", "loginTime": "6/16/17 9:14 AM", "idleTime":
"57", "remoteEnvironments": "RL0905:6017 PID: 20612" },
{ "userName": "JDE", "targetType": "Enterprise Server
Resources", "instanceName": "rl0905", "processName": "SECURITY
KERNEL", "processID": "11709", "jdelogFileSize": "1,728",
"debugLogSize": "92", "activeUsers": "1" }, { "userName": "JDE",
"targetType": "Enterprise Server Resources", "instanceName":
"rl0905", "processName": "CALL OBJECT KERNEL", "processID":
"20612", "jdelogFileSize": "1,110", "debugLogSize": "92",
"activeUsers": "1" }]} { "userActivityDetail": [{ "userName":
"JDE", "targetType": "EnterpriseOne AIS Server Sessions",
"instanceName": "tqa_929_aix_ais_26051", "Managed Home
Location": "http://jdesmc.example.com/,C:\\jde_agent_web\
\SCFHA", "jasSessionId": "5831865961135768322", "clientDevice":
"JasServer-slc18upq (0:0:0:0:0:0:0:1)", "loginTime": "8/31/25
3:05 AM", "environmentName": "JDV92RS1" }, { "userName":
"JDE", "targetType": "EnterpriseOne AIS Server Sessions",
"instanceName": "tqa_929_aix_ais_26051", "Managed Home
Location": "http://jdesmc.example.com/,C:\\jde_agent_web\
\SCFHA", "jasSessionId": "2790425021012381859", "clientDevice":
"JDE__Studio (0:0:0:0:0:0:0:1)", "loginTime": "8/5/25
2:15 AM", "environmentName": "JDV92RS1" }, { "userName":
"JDE", "targetType": "EnterpriseOne HTML Server Sessions",
"instanceName": "tqa_929_aix_jas_25051", "Managed Home
Location": "http://jdesmc.example.com/,C:\\jde_agent_web
\\SCFHA", "htmlServerSessionId": "4396117323355569920",
"clientMachine": "http://jdesmc.example.com/ (0:0:0:0:0:0:0:1)",
"loginTime": "8/31/25 3:05 AM", "remoteEnvironments":
"SLC18GJW:4098 PID: 23396786", "environmentName": "JDV92RS1",
"openApplications": [{ "asyncBSFNQueueEmpty": "true",
"interactivityLevel": "2", "topApplicationDescription":
"One View", "workstationName": "http://jdesmc.example.com/",
"workstationIPAddress": "0:0:0:0:0:0:0:1", "executionMode":
"MAF Component", "language": " ", "appRecoverySetting":
"All", "serverNameAndPort": "jdesmc.example.com_25051
", "applicationStackSize": "1", "threadName": "No Thread
Assigned", "status": "1" }, { "asyncBSFNQueueEmpty": "true",
"interactivityLevel": "2", "topApplicationDescription": "Work
With Addresses", "workstationName": "http://jdesmc.example.com/",
"workstationIPAddress": "0:0:0:0:0:0:0:1", "executionMode":
"MAF Component", "language": " ", "appRecoverySetting":
"All", "serverNameAndPort": "jdesmc.example.com_25051
", "applicationStackSize": "1", "threadName": "No Thread
Assigned", "status": "1" }] }, { "userName": "JDE",
"targetType": "EnterpriseOne HTML Server Sessions",
"instanceName": "tqa_929_aix_jas_25051", "Managed Home
Location": "http://jdesmc.example.com/,C:\\jde_agent_web\\SCFHA",
"htmlServerSessionId": "5698752937891403776", "clientMachine":
"http://jdesmc.example.com/ (0:0:0:0:0:0:0:1)", "loginTime":
"8/31/25 3:05 AM", "remoteEnvironments": "None", "environmentName":
"JDV92RS1", "openApplications": [{ "asyncBSFNQueueEmpty":

"true", "interactivityLevel": "2", "topApplicationDescription":
"One View", "workstationName": "http://jdesmc.example.com/",
"workstationIPAddress": "0:0:0:0:0:0:0:1", "executionMode":
"MAF Component", "language": " ", "appRecoverySetting":
"All", "serverNameAndPort": "jdesmc.example.com_25051
", "applicationStackSize": "1", "threadName": "No Thread
Assigned", "status": "1" }, { "asyncBSFNQueueEmpty": "true",
"interactivityLevel": "2", "topApplicationDescription": "Work
With Addresses", "workstationName": "http://jdesmc.example.com/",
"workstationIPAddress": "0:0:0:0:0:0:0:1", "executionMode":
"MAF Component", "language": " ", "appRecoverySetting":
"All", "serverNameAndPort": "jdesmc.example.com_25051
", "applicationStackSize": "1", "threadName": "No Thread
Assigned", "status": "1" }] }, { "userName": "JDE",
"targetType": "Enterprise Server Resources", "instanceName":
"tqa_929_as4_ent_denqas2_6017", "Managed Home Location":
"jdesmc.example.com,/jde_agent_ent_auto_tls/jde_agent_ent_tls_Agent/
SCFHA", "processName": "SECURITY KERNEL", "processID": "639",
"jdelogFileSize": "0", "debugLogSize": "0" }, { "userName": "JDE",
"targetType": "Enterprise Server Resources", "instanceName":
"tqa_929_as4_ent_denqas2_6017", "Managed Home Location":
"jdesmc.example.com,/jde_agent_ent_auto_tls/jde_agent_ent_tls_Agent/
SCFHA", "processName": "SECURITY KERNEL", "processID": "640",
"jdelogFileSize": "0", "debugLogSize": "0" }, { "userName": "JDE",
"targetType": "Enterprise Server Resources", "instanceName":
"tqa_929_as4_ent_denqas6_6017", "Managed Home Location":
"jdesmc.example.com,/jde_agent_ent_tls/jde_agent_ent_tls_Agent/
SCFHA", "processName": "SECURITY KERNEL", "processID": "3542",
"jdelogFileSize": "112,243", "debugLogSize": "946,824,828" },
{ "userName": "JDE", "targetType": "Enterprise Server Resources",
"instanceName": "tqa_929_as4_ent_denqas6_6017", "Managed
Home Location": "jdesmc.example.com,/jde_agent_ent_tls/
jde_agent_ent_tls_Agent/SCFHA", "processName": "SECURITY KERNEL",
"processID": "3541", "jdelogFileSize": "113,491", "debugLogSize":
"952,756,894" }, { "userName": "JDE", "targetType": "Enterprise
Server Resources", "instanceName": "tqa_929_as4_ent_denqas6_6017",
"Managed Home Location": "jdesmc.example.com,/jde_agent_ent_tls/
jde_agent_ent_tls_Agent/SCFHA", "processName": "SECURITY KERNEL",
"processID": "3543", "jdelogFileSize": "112,549", "debugLogSize":
"951,221,684" }, { "userName": "JDE", "targetType": "Enterprise
Server Resources", "instanceName": "tqa_929_as4_ent_denqas6_6017",
"Managed Home Location": "jdesmc.example.com,/jde_agent_ent_tls/
jde_agent_ent_tls_Agent/SCFHA", "processName": "SECURITY KERNEL",
"processID": "3540", "jdelogFileSize": "111,913", "debugLogSize":
"949,267,224" }] }

Exception	Throws an exception if the operation fails for any reason.

useractivitypkg (Release 9.2.6)

API Name	useractivitypkg

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Description	Provides the detailed information of the logged-in users and packages for HTML, AIS, and Enterprise Servers (Release 9.2.26.0) along with the open applications information. This API fetches the details of all the users and the package names if an input value is not provided.
REST Methods	`GET`
Precondition	Server Manager and Agent must be running.
Input Params	
Sample Request	{{protocol}}://{{ip}}:{{port}}/manage/mgmtrestservice/useractivi typkg? username=JDE&environmentName=JPY920&packageName=DV920FA **Note:** The user can enter user names and environments in the request URL with comma separated values.
Return	
Sample Response	`{ "userActivityDetailwithPackage": [{ "userName": "JDE", "targetType": "EnterpriseOne AIS Server Sessions", "instanceName": "ais8003", "jvmNodeId": "-", "jasSessionId": "4129547715806897956", "clientDevice": "Chrome (19X.XX.XX.XX)", "environmentName": "JPY920", "userRole": "*ALL", "loginTime": "6/16/17 9:14 AM", "lastActiveTime": "6/16/17 9:14 AM", "jasServer": "https:// jdewebraj01:8001" }, { "userName": "JDE", "targetType": "EnterpriseOne HTML Server Sessions", "instanceName": "html8001", "jvmNodeId": "html8001_MS1", "htmlServerSessionId": "3950964184071149568", "clientMachine": "jdeclient.example.com (10.XX.XXX.XXX)", "environmentName": "JPY920", "packageName": "DV920FA", "userRole": "SYSADMIN", "loginTime": "6/16/17 9:14 AM", "idleTime": "63", "remoteEnvironments": "RL0905:6017 PID: 18181" },`
Sample Response	`{ "userName": "JDE", "targetType": "EnterpriseOne HTML Server Sessions", "instanceName": "html8001", "jvmNodeId": "html8001_MS1", "htmlServerSessionId": "4980954325618865152", "clientMachine": "jdeClient.example.com (19X.XX.XX.XX)", "environmentName": "JPY920", "packageName": "DV920FA", "userRole": "SYSADMIN", "loginTime": "6/16/17 9:14 AM", "idleTime": "57", "remoteEnvironments": "RL0905:6017 PID: 20612" }, { }, { }] "userName": "JDE", "targetType": "Enterprise Server Resources", "instanceName": "rajespybl0905", "processName": "SECURITY KERNEL", "processID": "11709", "packageName": "N/A", "jdelogFileSize": "1,728", "debugLogSize": "92", "activeUsers": "1" "userName": "JDE", "targetType": "Enterprise Server Resources", "instanceName": "rajespybl0905", "processName": "CALL OBJECT KERNEL", "processID": "20612", "packageName": "DV920FA" "jdelogFileSize": "1,110", "debugLogSize": "92", "activeUsers": "1"`
Sample Response (Release 9.2.26.0)	`"topApplicationDescription": "One View", "workstationName": "topApplicationDescription": "One View", "workstationName": "jdesmc.example.com", "workstationIPAddress": "0:0:0:0:0:0:0:1", "executionMode": "MAF Component", "language": " ", "appRecoverySetting": "All", "serverNameAndPort":`

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```
"jdesmc.example.com_25051 ", "applicationStackSize": "1",
 "threadName": "No Thread Assigned", "status": "1" },
 { "asyncBSFNQueueEmpty": "true", "interactivityLevel":
"2", "topApplicationDescription": "Work With Addresses",
 "workstationName": "jdesmc.example.com", "workstationIPAddress":
"0:0:0:0:0:0:0:1", "executionMode": "MAF Component", "language":
" ", "appRecoverySetting": "All", "serverNameAndPort":
"jdesmc.example.com_25051 ", "applicationStackSize": "1",
 "threadName": "No Thread Assigned", "status": "1" } ] },
 { "userName": "JDE", "targetType": "EnterpriseOne HTML Server
Sessions", "instanceName": "tqa_929_aix_jas_25051", "Managed
Home Location": "jdesmc.example.com,C:\\jde_agent_web\\SCFHA",
 "htmlServerSessionId": "5698752937891403776", "clientMachine":
"jdesmc.example.com (0:0:0:0:0:0:0:1)", "loginTime": "8/31/25
3:05 AM", "remoteEnvironments": "None", "environmentName":
"JDV92RS1", "openApplications": [ { "asyncBSFNQueueEmpty": "true",
 "interactivityLevel": "2", "topApplicationDescription": "One View",
 "workstationName": "jdesmc.example.com", "workstationIPAddress":
"0:0:0:0:0:0:0:1", "executionMode": "MAF Component", "language":
" ", "appRecoverySetting": "All", "serverNameAndPort":
"jdesmc.example.com_25051 ", "applicationStackSize": "1",
 "threadName": "No Thread Assigned", "status": "1" },
 { "asyncBSFNQueueEmpty": "true", "interactivityLevel":
"2", "topApplicationDescription": "Work With Addresses",
 "workstationName": "jdesmc.example.com", "workstationIPAddress":
"0:0:0:0:0:0:0:1", "executionMode": "MAF Component", "language":
" ", "appRecoverySetting": "All", "serverNameAndPort":
"jdesmc.example.com_25051 ", "applicationStackSize": "1",
 "threadName": "No Thread Assigned",
```

Exception	Throws an exception if the operation fails for any reason.

REST APIs for Health Check (Tools Update Release 9.2.2)

This section contains the details of the REST APIs used for health check.

health

API Name	health
Description	Provides the health check summary of the instances.
REST Methods	POST
Precondition	Server Manager and Agent must be running.
Input Params	instanceName **Note (Release 9.2.4.3):** Add these additional parameters if there are duplicate instance names: agentHostName, jdeHome.

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Sample Request	`{ "instanceName" : "Give_instace_Name"}Example 2:{"targetType": "webserver"}`
	Example: Health Check on All servers registered on the particular Host{"agentHostName" : "den00ktt.example.com"}Example: Health Check on based on Server Group{"serverGroup":"default"}Example: Health Check on all servers registered on this Server MangerSend Empty request or {} This is the sample request if you have multiple instance names: `{ "instanceName":"tqa_923_lnx_jas_jdeSMA_21502", "agentHostName":"jdeSMA.example.com", "jdeHome":"/slot/oracle/jde_agent_jas/SCFHA"}`
Return	Throws an exception if the operation fails for any reason.
Sample Response	`Sample example for HTML Server Health Check response:{ "reportType": "Health Status for JDE Instances", "instanceHealths": [{ "instanceName": "smagenttestHtml", "healthStatus": "Passed", "instanceHealthChecks": [{ "HealthCheckName": "Login", "Result": "Passed" }, { "HealthCheckName": "Interactive App", "Result": "Passed" }, { "HealthCheckName": "UBE", "Result": "Passed" }, { "HealthCheckName": "OVR", "Warning": "OVR not configured", "Result": "Passed" }], "targetType": "webserver", "executedOn": "11 Aug 2017 12:32:16 GMT", "instanceStatus": "RUNNING", "healthCheckUser": "JDE", "healthCheckEnv": "JDV920" }]}`
Exception	Throws an exception if the operation fails for any reason.

REST APIs for Centralized Configuration (Tools Update Release 9.2.7)

This section contains the details of the REST APIs used for Centralized Configuration.

saveCentraizedConfiguration

API Name	saveCentralizedConfiguration
Description	Saves the configuration for e1central.properties file.
REST Methods	`POST`
Precondition	Server Manager and Agent must be running and Server Manager Console is able to connect to the Database.
Input Params	TOKEN: Header returned as a response to the /authenticate Server Manager REST API Call

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TOKEN: Cookie returned as a response to the /authenticate Server Manager REST API Call

AUTHORIZATION: Base64 encoded Basic username:password combination necessary for Authentication

ccUserName: The userName value for DB connection

ccPassword: The Password value for DB connection

ccDatabaseType: The Database Type value for DB connection. Values should be in I, O, S, W.

ccOwner: The Owner value for DB connection

ccServer: The Server value for DB connection

ccPhysicalDatabase: The Physical Database value for DB connection

ccName: The Name value for DB connection

ccServerPort: The Server Port value for DB connection

ccDataSourceName: The DataSourceName value for DB connection

ccTnsnameoraValues: The Tnsname ora value for DB connection

ccTLS: The Tls value is set for AS400 and IBM UDB

Sample Request	`'http://den00lju.us.jdedwards.com:7101/manage/`
	`mgmtrestservice/saveCentraizedConfiguration' \ --header`
	`'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \ --`
	`header 'Content-Type: application/json' \ --header 'Cookie:`
	`SMCONSOLE_SSID=WZlf5_8hTtBNu2NSiU_dl0ZSKPlVIdoYAvhqB97V7HmoEIpQ4r_6!-1265012`
	`\ --data-raw '{ "ccUserName":"SY920", "ccPassword":"***",`
	`"ccDatabaseType": "O", "ccOwner":"SY920", "ccServer":"den00habzw-`
	`s.us.jdedwards.com", "ccPhysicalDatabase":"", "ccName":"jderac",`
	`"ccServerPort":"1521", "ccDataSourceName":"CConfig - 920",`
	`"ccTnsnameoraValues":"ems2647 =(DESCRIPTION =(ADDRESS = (PROTOCOL`
	`= TCP)(HOST = denad302.us.jdedwards.com)(PORT = 1448))(CONNECT_DATA`
	`(SERVER = DEDICATED)(SERVICE_NAME = ems2647)))" }'`

Return	HTTP status 200 and 202 are returned.

Sample Response	`"enum" : [ "OK", "CREATED", "ACCEPTED", "NO_CONTENT", "RESET_`
	`CONTENT", "PARTIAL_CONTENT", "MOVED_PERMANENTLY", "FOUND", "SEE_`
	`OTHER", "NOT_MODIFIED", "USE_PROXY", "TEMPORARY_REDIRECT", "BAD_`
	`REQUEST", "UNAUTHORIZED", "PAYMENT_REQUIRED", "FORBIDDEN",`
	`"NOT_FOUND", "METHOD_NOT_ALLOWED", "NOT_ACCEPTABLE", "PROXY_`
	`AUTHENTICATION_REQUIRED", "REQUEST_TIMEOUT", "CONFLICT", "GONE",`
	`"LENGTH_REQUIRED", "PRECONDITION_FAILED", "REQUEST_ENTITY_`

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```
TOO_LARGE", "REQUEST_URI_TOO_LONG", "UNSUPPORTED_MEDIA_TYPE",
 "REQUESTED_RANGE_NOT_SATISFIABLE", "EXPECTATION_FAILED", "INTERNAL_
SERVER_ERROR", "NOT_IMPLEMENTED", "BAD_GATEWAY", "SERVICE_
UNAVAILABLE", "GATEWAY_TIMEOUT", "HTTP_VERSION_NOT_SUPPORTED" ]
```

Exception	403: Forbidden Status Code is returned if the Authentication information passed with the Request is not valid.
	400: Bad Request Status Code is returned in case the Request is not well formed for the API which is being invoked.
	409: Conflict Status Code is returned in case the Managed Instance with the passed in Instance Name already exists within the Server Manager Console.
	500: Internal Server Error, In the unlikely case of error occurring on the Server. Refer to the logs for more details.

Rest APIs for TLS Automation (Tools Update Release 9.2.8)

This section contains the details of the REST APIs used for TLS automation.

For information on how to apply TLS configuration setting for Server Manager Console and Agent, see *Applying TLS Configuration Setting for Server Manager Console and Agent (Tools Release 9.2.5 and later)*.

uploaddistributecert

API Name	uploaddistributecert
Description	Uploads the certificate and keyStore files to Server Manager Console and its running Agents.
REST Methods	`PUT`
Precondition	Agent must be running.
Input Params	`certificateFile`
Sample Request	`https://smc.example.com:8999/manage/mgmtrestservice/uploaddistributecert` `form-data { certificateFile : smcCert.cer/keystore.jks}`
Return	HTTP status 201 Created is returned.
Sample Response	

Exception	Throws an exception if the operation fails for any reason.

validatetlsconfig

API Name	validatetlsconfig
Description	Validates the trustStore and keyStore files with the provided passwords.
REST Methods	`POST`
Precondition	Agent must be running.
Input Params	`tlsVersion, truststorepswd, keystorepswd, privatekeypswd`
Sample Request	`{" tlsVersion":"TLSv1.2"," truststorepswd ":"sample", "keystorepswd ":"sample"," privatekeypswd":"sample"} https://smc.example.com:8999/manage/ mgmtrestservice/validatetlsconfig` **Note (Release 9.2.9.3):** `tlsVersion` can be `AUTO`.
Return	HTTP status 200 is returned.
Sample Response	"Validation successful"
Exception	Throws an exception if the operation fails for any reason.

applytlsconfigandrestart

API Name	applytlsconfigandrestart
Description	Applies TLS configuration to Server Manager Console and its running Agents. Also, restarts the Server Manager Console and Agents.
REST Methods	`POST`

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Precondition	Agent must be running.
Input Params	`tlsVersion, truststorepswd, keystorepswd, privatekeypswd`
Sample Request	`{" tlsVersion":"TLSv1.2"," truststorepswd ":"sample", "keystorepswd ":"sample"," privatekeypswd":"sample"} https://smc.example.com:8999/manage/ mgmtrestservice/applytlsconfigandrestart` **Note (Release 9.2.9.3):** `tlsVersion` can be `AUTO`.
Return	HTTP status 200 is returned.
Sample Response	
Exception	Throws an exception if the operation fails for any reason.

gettlsconfiginfo

API Name	gettlsconfiginfo
Description	Gets the TLS configuration information.
REST Methods	`GET`
Precondition	Agent must be running.
Input Params	
Sample Request	`https://smc.example.com:8999/manage/mgmtrestservice/gettlsconfiginfo`
Return	HTTP status 200 is returned.
Sample Response	`{ "KeystoreFile": "Keystore.jks", "Certificate validity ": "Valid", "agent.javax.net.ssl.keyStore": "C:\\SMC\\jde_smc_home\\SCFMC\ \components\\Keystore.jks", "agent.jdk.tls.client.protocols": "TLSv1.2", "agent.javax.net.ssl.trustStore": "C:\\Oracle\\MIDDLE~1\\JDEV12~1\\ORACLE~1\ \jdk\\jre\\lib\\security\\cacerts "CertificateFile":"phoenix146535.cer" }`

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	Note (Release 9.2.9.3): If the TLS version is selected as AUTO, TLS protocol is automatically negotiated.
Exception	Throws an exception if the operation fails for any reason.

REST APIs for Server Manager Server Group (Tools Update Release 9.2.8)

This section contains the details of the REST APIs used for Server Manager Server Groups.

servergroupinfo

API Name	servergroupinfo
Description	Retrieves the server group information (Name and Description).
REST Methods	`GET`
Precondition	Server Manager Console must be running.
Input Params	TOKEN: Header returned as a response to the /authenticate Server Manager REST API Call. TOKEN: Cookie returned as a response to the /authenticate Server Manager REST API Call. AUTHORIZATION: Base64 encoded Basic username:password combination necessary for Authentication.

Sample Request	`curl --location 'https://ems4296.ad1.fusionappsdphx1.oraclevcn.com:9016/manage/mgmtrestservice/servergroupinfo' \`
	
	`--header 'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \`
	
	`--header 'Cookie: SMCONSOLE_SSID=YVfVgs09jXTXuX-s1nXpywNs_AE2grOjb4Q95ctY7R39fyktMH4j!-1336142483'`

Return	HTTP status 200 is returned.
Sample Response	{

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```
"result": [

{

"serverGroupName": "BSSVServerGroup",

"serverGroupDescription": "BSSVServerGroup",

"serverGroupInstances": [

"BSSVNew:phoenix155681.appsdev0.fusionappsdphx1.oraclevcn.com:/
scratch/cluster/jde_agent_web/SCFHA",

"BSSV67X:phoenix155681.appsdev0.fusionappsdphx1.oraclevcn.com:/
scratch/cluster/jde_agent_web/SCFHA"

]

},

{

"serverGroupName": "ENTGP",

"serverGroupDescription": "ENTGP",

"serverGroupInstances": [

"tqa_lnx_ent_4081:ems14384.ad1.fusionappsdphx1.oraclevcn.com:/slot/
ems1281/appmgr/jde_agent_ent/SCFHA"

]

},

{

"serverGroupName": "ENTTEST",

"serverGroupDescription": "Enterprise server Test 20J",

"serverGroupInstances": [

"tqa_win_ent_
4048:phoenix156098.appsdev0.fusionappsdphx1.oraclevcn.com:C:\\jde_
agent_ent\\SCFHA"

]

},

{
```

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```
      "serverGroupName": "ENTTESTLN",

      "serverGroupDescription": "LNX ENT TEST",

      "serverGroupInstances": []

    },

    {

      "serverGroupName": "RTEGroup",

      "serverGroupDescription": "RTEGroup",

      "serverGroupInstances": [

"RTENew:phoenix155681.appsdev0.fusionappsdphx1.oraclevcn.com:/
scratch/cluster/jde_agent_web/SCFHA"

      ]

    },

    {

      "serverGroupName": "TESTENT",

      "serverGroupDescription": "Testing ENT Feature",

      "serverGroupInstances": []

    },

    {

      "serverGroupName": "TestAPI",

      "serverGroupDescription": "test Group",

      "serverGroupInstances": []

    },

    {

      "serverGroupName": "Test",

      "serverGroupDescription": "test Group",

      "serverGroupInstances": []
```

```
},

{

"serverGroupName": "WNCCONF31",

"serverGroupDescription": "Testing CCONF 31 Build",

"serverGroupInstances": [

"tqa_win_ent_
4081:phoenix156098.appsdev0.fusionappsdphx1.oraclevcn.com:C:\\jde_
agent_ent\\SCFHA"

]

},

{

"serverGroupName": "default",

"serverGroupDescription": "The default server group.",

"serverGroupInstances": [

"tqa_926_win_ent_
4088:phoenix156098.appsdev0.fusionappsdphx1.oraclevcn.com:C:\\jde_
926_agent\\SCFHA",

"tqa_lnx_ent_4048:ems14384.ad1.fusionappsdphx1.oraclevcn.com:/slot/
ems3477/appmgr/jde_agent_ent/SCFHA",

"tqa_926_lnx_ent_4088:ems14384.ad1.fusionappsdphx1.oraclevcn.com:/
slot/ems6581/appmgr/jde_agent_ent/SCFHA",

"tqa_9260_lnx_vc_jas_
8182:phoenix155681.appsdev0.fusionappsdphx1.oraclevcn.com:/scratch/
cluster/jde_agent_web/SCFHA",

"tqa_927_lnx_std_rte_
6633:phoenix155681.appsdev0.fusionappsdphx1.oraclevcn.com:/scratch/
cluster/jde_agent_web/SCFHA",

"tqa_927_lnx_vc_bssv_
7234:phoenix155681.appsdev0.fusionappsdphx1.oraclevcn.com:/scratch/
cluster/jde_agent_web/SCFHA",

"CONFAISCLUSTER:phoenix155681.appsdev0.fusionappsdphx1.oraclevcn.com:/
scratch/cluster/jde_agent_web/SCFHA",
```

```
"tqa_927_lnx_vc_rte_
4499:phoenix155681.appsdev0.fusionappsdphx1.oraclevcn.com:/scratch/
cluster/jde_agent_web/SCFHA",

"tqa_9270_lnx_std_bssv_
6784:phoenix155681.appsdev0.fusionappsdphx1.oraclevcn.com:/scratch/
cluster/jde_agent_web/SCFHA",

"tqa_9260_lnx_vc_ais_
9182:phoenix155681.appsdev0.fusionappsdphx1.oraclevcn.com:/scratch/
cluster/jde_agent_web/SCFHA",

"tqa_9260_lnx_jas_ems4296_
31048:ems4296.ad1.fusionappsdphx1.oraclevcn.com:/slot/ems16816/
oracle/jde_agent_web/SCFHA",

"tqa_926_lnx_ais_ems4296_
33050:ems4296.ad1.fusionappsdphx1.oraclevcn.com:/slot/ems16816/
oracle/jde_agent_web/SCFHA",

"tqa_9260_lnx_ais_ems4296_
33048:ems4296.ad1.fusionappsdphx1.oraclevcn.com:/slot/ems16816/
oracle/jde_agent_web/SCFHA",

"tqa_9260_lnx_jas_ems4296_
31050:ems4296.ad1.fusionappsdphx1.oraclevcn.com:/slot/ems16816/
oracle/jde_agent_web/SCFHA",

"AIS_SMP2:ems4296.ad1.fusionappsdphx1.oraclevcn.com:/slot/ems16816/
oracle/jde_agent_web/SCFHA",

"tqa_926_lnx_jas_ems4071_
23512:ems4071.ad1.fusionappsdphx1.oraclevcn.com:/slot/ems15587/
oracle/jde_agent_web/SCFHA",

"NEW_BSSV:ems4071.ad1.fusionappsdphx1.oraclevcn.com:/slot/ems15587/
oracle/jde_agent_web/SCFHA",

"API_tqa_9273_lnx_ais_ems4071_
49698:ems4071.ad1.fusionappsdphx1.oraclevcn.com:/slot/ems15587/
oracle/jde_agent_web/SCFHA",

"tqa_926_lnx_ais_ems4071_
24698:ems4071.ad1.fusionappsdphx1.oraclevcn.com:/slot/ems15587/
oracle/jde_agent_web/SCFHA",

"tqa_926_lnx_ais_ems4071_
23514:ems4071.ad1.fusionappsdphx1.oraclevcn.com:/slot/ems15587/
oracle/jde_agent_web/SCFHA",
```

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```
"tqa_926_lnx_jas_ems4071_
24696:ems4071.ad1.fusionappsdphx1.oraclevcn.com:/slot/ems15587/
oracle/jde_agent_web/SCFHA",

"API_tqa_9273_lnx_jas_ems4071_
47698:ems4071.ad1.fusionappsdphx1.oraclevcn.com:/slot/ems15587/
oracle/jde_agent_web/SCFHA"

]

},

{

"serverGroupName": "testd",

"serverGroupDescription": "",

"serverGroupInstances": []

}

]

}
```

Exception	400: Bad Request Status Code is returned in case the Request is not well formed for the API which is being invoked.
	403: Forbidden, Valid Authentication Information is not passed with the Request.
	500: Internal Server Error. In the unlikely case of error occurring on the Server. Refer to the logs for more details.

servergroupinfo

API Name	servergroupinfo
Description	Creates new Server group. Returns Error if invalid group name is passed or group already exists.
REST Methods	**POST**
Precondition	Server Manager Console must be running.

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	Note: For any new Server Group that is created, the name must not be duplicated.
Input Params	TOKEN: The TOKEN Header returned as a response to the /authenticate Server Manager REST API Call. TOKEN: The TOKEN Cookie returned as a response to the /authenticate Server Manager REST API Call. AUTHORIZATION: Base64 encoded Basic username:password combination necessary for Authentication.

Sample Request	`'http://phoenix175736.appsdev0.fusionappsdphx1.oraclevcn.com:7101/manage/mgmtrestservice/servergroupinfo' \`
	
	`--header 'Content-Type: application/json' \`
	
	`--header 'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \`
	
	`--data '{`
	
	`"serverGroupName":"Test",`
	
	`"serverGroupDescription":"test Group"`
	
	`}'`

Return	HTTP status 200 is returned.
Sample Response	NA
Exception	400: Bad Request Status Code is returned in case the Request is not well formed for the API which is being invoked. 403: Forbidden, Valid Authentication Information is not passed with the Request. 500: Internal Server Error. In the unlikely case of error occurring on the Server. Refer to the logs for more details.

servergroupinfo/{serverGroupName}

API Name	servergroupinfo/{serverGroupName}
Description	Provides the list of target types and their configuration for passed server group

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REST Methods	`GET`
Precondition	Server Manager Console must be running.
Input Params	TOKEN: The Header returned as a response to the /authenticate Server Manager REST API Call.
	TOKEN: The Cookie returned as a response to the /authenticate Server Manager REST API Call.
	AUTHORIZATION: Base64 encoded Basic username:password combination necessary for Authentication.
	serverGroupName: The name of server Group which configuration needs to be fetched.
Sample Request	`'http://phoenix175736.appsdev0.fusionappsdphx1.oraclevcn.com:7101/manage/mgmtrestservice/servergroupinfo/Test' \`
	`--header 'Content-Type: application/json' \`
	`--header 'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg=='`
Return	HTTP status 200 is returned.
Sample Response	`{`
	`"ccTLS": false,`
	`"result": {`
	`"targetType": [`
	`"entserver",`
	`"webserver",`
	`"sbfserver",`
	`"adfserver",`
	`"orchestratorstudio",`
	`"restserver",`
	`"rteserver",`
	`"jdbcserver",`

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<table>
<tr><td></td><td>

```
"dadriver",

"collabportal",

"depserver",

"oradb",

"mssqldb",

"db2db"

]

}

}
```

</td></tr>
<tr><td>**Exception**</td><td>

400: Bad Request Status Code is returned in case the Request is not well formed for the API which is being invoked

403: Forbidden, Valid Authentication Information is not passed with the Request.

500: Internal Server Error, In the unlikely case of error occurring on the Server. Refer to the logs for more details.

</td></tr>
</table>

servergroupinfo/{serverGroupName}/{targetType}

API Name	servergroupinfo/{serverGroupName}/{targetType}
Description	Provides configuration for passed target Type and passed server group. This will return the metric type equivalent to UI.
REST Methods	`GET`
Precondition	Server Manager Console must be running.
Input Params	TOKEN: Header returned as a response to the /authenticate Server Manager REST API Call.
	TOKEN: Cookie returned as a response to the /authenticate Server Manager REST API Call.
	AUTHORIZATION: The Base64 encoded Basic username:password combination necessary for Authentication.

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	serverGroupName: The name of server Group which configuration needs to be fetched.
	targetType: The target Type which configuration needs to be fetched.

Sample Request	`'http://phoenix175736.appsdev0.fusionappsdphx1.oraclevcn.com:7101/`
	`manage/mgmtrestservice/servergroupinfo/Test/webserver' \`
	
	`--header 'Content-Type: application/json' \`
	
	`--header 'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg=='`

Return	HTTP status 200 is returned.

Sample Response	`{`
	
	`"result": {`
	
	`"targetType": [`
	
	`"Cache",`
	
	`"Database",`
	
	`"Miscellaneous",`
	
	`"Network",`
	
	`"Security",`
	
	`"Web Runtime"`
	
	`]`
	
	`}`
	
	`}`

Exception	400: Bad Request Status Code is returned in case the Request is not well formed for the API which is being invoked.
	403: Forbidden, Valid Authentication Information is not passed with the Request.
	500: Internal Server Error, In the unlikely case of error occurring on the Server. Refer to the logs for more details.

servergroupinfo/{serverGroupName}/{targetType}/metricType

API Name	servergroupinfo/{serverGroupName}/{targetType}/metricType
Description	Provide the configuration and respective value for all metric type.
REST Methods	**GET**
Precondition	Server Manager Console must be running.
Input Params	TOKEN: Header returned as a response to the /authenticate Server Manager REST API Call. TOKEN: Cookie returned as a response to the /authenticate Server Manager REST API Call. AUTHORIZATION: Base64 encoded Basic username:password combination necessary for Authentication. serverGroupName: The name of server Group which configuration needs to be fetched. targetType: The target Type which configuration needs to be fetched. metricName: The metricName which configuration needs to be fetched.

Sample Request	`'http://phoenix175736.appsdev0.fusionappsdphx1.oraclevcn.com:7101/manage/mgmtrestservice/servergroupinfo/Test/webserver/Miscellaneous'` `\`
	
	`--header 'Content-Type: application/json' \`
	
	`--header 'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg=='`

Return	HTTP status 200 is returned.

Sample Response	`{`
	
	`"result": {`
	
	`"metricInfo": {`
	
	`"jas_interop_inbound": {`
	
	`"port": "0",`
	
	`"manual_timeout": "30000000",`

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```
    "enterpriseServer": "",

    "repository": "c:\\connector\\repository"

},

"jas_events": {

    "jndiProviderURL": "",

    "initialContextFactory": "none"

},

"jas_transactions": {

    "reapInterval": "5",

    "maxAge": "10"

},

"jde_health_check": {

    "healthCheckUser": "",

    "healthCheckPwd": "",

    "healthCheckUbeVersion": "XJDE0001",

    "healthCheckEnvironment": "",

    "healthCheckApp": "P01012_W01012B",

    "healthCheckUbe": "R0006P",

    "healthCheckAppVersion": "ZJDE0001"

},

"jas_jdenet_server": {

    "enableJargon": "true",

    "glossaryTextServer": "",

    "jargonCacheTimeout": "360000",

    "codePage": "1252"

}
```

```
}

}

}
```

Exception	400: Bad Request Status Code is returned in case the Request is not well formed for the API which is being invoked.
	403: Forbidden. Valid Authentication Information is not passed with the Request.
	500: Internal Server Error, In the unlikely case of error occurring on the Server. Refer to the logs for more details.

servergroupinfo/{serverGroupName}/{targetType}

API Name	servergroupinfo/{serverGroupName}/{targetType}
Description	Updates the passed configuration to respective group, target type, and metric type if it is valid.
REST Methods	**POST**
Precondition	Server Manager Console must be running. If Centralized Configuration is enabled, Server Manager Console should be able to connect to the database.
Input Params	Metric data
	Example:
	"metricInfo": {
	"cache": {
	"specExpire": "0",
	"E1PageCheckInterval": "300001",
	"userSession": "1200000",
	"menu": "3600000",
	"glossaryText": "7200000",
	"UDOCheckInterval": "86400000"
	},

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```
"grid_disk_cache": {

"cacheFindBrowse": "true",

"cacheBufferSize": "32768",

"cacheDataBrowser": "true"

}

}
```

Sample Request	```curl --location --request GET 'https://ems4296.ad1.fusionappsdphx1.oraclevcn.com:9016/manage/mgmtrestservice/servergroupinfo/ENTGP/webserver/Cache' \```

```
curl --location --request GET 'https://
ems4296.ad1.fusionappsdphx1.oraclevcn.com:9016/manage/
mgmtrestservice/servergroupinfo/ENTGP/webserver/Cache' \

--header 'Content-Type: application/json' \

--header 'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \

--header 'Cookie:
SMCONSOLE_SSID=1mF_oTbvqDYYRQn7ENpVhhF2stRX2zz_4Esy2HbE8xrhJ5SDjbq9!-1336142
\

--data '{

"metricInfo": {

"cache": {

"specExpire": "0",

"E1PageCheckInterval": "300001",

"userSession": "1200000",

"menu": "3600000",

"glossaryText": "7200000",

"UDOCheckInterval": "86400000"

},

"grid_disk_cache": {

"cacheFindBrowse": "true",

"cacheBufferSize": "32768",

"cacheDataBrowser": "true"
```

| | ```
}

}

}'
``` |
Return	HTTP status 200 is returned.
Sample Response	NA
Exception	400: Bad Request Status Code is returned in case the Request is not well formed for the API which is being invoked. 403: Forbidden. Valid Authentication Information is not passed with the Request. 500: Internal Server Error, In the unlikely case of error occurring on the Server. Refer to the logs for more details.

servergroupinfo/{serverGroupName}

API Name	servergroupinfo/{serverGroupName}
Description	Deletes the server group if no instance is associated with that group.
REST Methods	`DELETE`
Precondition	Server Manager Console must be running. No server instance should belong to the server group being deleted.
Input Params	TOKEN: The Header returned as a response to the /authenticate Server Manager REST API Call. TOKEN: The Cookie returned as a response to the /authenticate Server Manager REST API Call. AUTHORIZATION: The Base64 encoded Basic username:password combination necessary for Authentication. serverGroupName: The name of server Group which configuration needs to be fetched.
Sample Request	`'http://phoenix175736.appsdev0.fusionappsdphx1.oraclevcn.com:7101/` `manage/mgmtrestservice/servergroupinfo/Neq34' \`

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```
--header 'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg=='
```

Return	HTTP status 200 is returned.
Sample Response	NA
Exception	400: Bad Request Status Code is returned in case the Request is not well formed for the API which is being invoked.
	403: Forbidden, Valid Authentication Information is not passed with the Request.
	500: Internal Server Error, In the unlikely case of error occurring on the Server. Refer to the logs for more details.

servergroupinfo/{serverGroupName}

API Name	servergroupinfo/{serverGroupName}
Description	Changes the server group for an instance.
REST Methods	**POST**
Precondition	Server Manager Console must be running. If Centralized Configuration is enabled, Server Manager Console should be able to connect to the database.

Input Params	`{`
	
	`"instanceName":<instanceName>,`
	
	`"agentHostName":,`
	
	`"jdeHome":<Agent jde Home>"`
	
	`}`

Sample Request	`'http://phoenix175736.appsdev0.fusionappsdphx1.oraclevcn.com:7101/manage/mgmtrestservice/servergroupinfo/ch1' \`
	
	`--header 'Content-Type: application/json' \`
	
	`--header 'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \`
	
	`--data '{`

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```
"instanceName":"AIS",

"agentHostName":"phoenix175736.appsdev0.fusionappsdphx1.oraclevcn.com",

"jdeHome":"C:\\work\\install\\SMA\\SCFHA"

}'
```

Return	HTTP status 200 is returned.
Sample Response	NA
Exception	400: Bad Request Status Code is returned in case the Request is not well formed for the API which is being invoked. 403: Forbidden, Valid Authentication Information is not passed with the Request. 500: Internal Server Error, In the unlikely case of error occurring on the Server. Refer to the logs for more details.

copySMCSecurityServerSitekey

API Name	copySMCSecurityServerSitekey
Description	Copies Sitekey from the Server Manager Console's Security Server to the target Instance.
REST Methods	POST
Precondition	Server Manager Console must be running. Primary Security Server (which has sitekey configured) details are configured in the Server Manager Console.
Input Params	TOKEN: Header returned as a response to the /authenticate Server Manager REST API Call. TOKEN: Cookie returned as a response to the /authenticate Server Manager REST API Call. AUTHORIZATION: Base64 encoded Basic username:password combination necessary for Authentication. instanceName: The Name of the Enterprise Server Managed Instance where sitekey needs to be copied from the Primary Security Server. jdeHome: The jdeHome for Managed Instance.

	agentHostName: The Name of agent for managed Instance.
Sample Request	'http://phoenix175736.appsdev0.fusionappsdphx1.oraclevcn.com:7101/mgmtrestservice/copySMCSecurityServerSitekey' \
	--header 'Content-Type: application/json' \
	--header 'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \
	--data '{
	"instanceName":"EntServer",
	"jdeHome":"/slot/ems6581/appmgr/jde_agent_ent/SCFHA",
	"agentHostName":"phoenix147031.ad1.fusionappsdphx1.oraclevcn.com"
	}'
Return	HTTP status 200 is returned.
Sample Response	NA
Exception	403: Forbidden Status Code is returned if the Authentication information passed with the Request is not valid.
	400: Bad Request Status Code is returned in case the Request is not well formed for the API which is being invoked.
	500: Internal Server Error, In the unlikely case of error occurring on the Server. Refer to the logs for more details.

REST APIs for Server Manager Save and Restore Configuration (Tools Update Release 9.2.8.2

This section contains the details of the REST APIs used to Save and Restore Configuration.

saveInstanceConfiguration

API Name	saveInstanceConfiguration

Description	Saves configuration of a particular instance.
REST Methods	`POST`
Precondition	Server Manager Console must be running.
Input Params	TOKEN: Header returned as a response to the /authenticate Server Manager REST API Call.
	TOKEN: Cookie returned as a response to the /authenticate Server Manager REST API Call.
	AUTHORIZATION: Base64 encoded Basic username:password combination necessary for Authentication.

Sample Request	`curl --location 'http://`
	`phoenix147045.ad1.fusionappsdphx1.oraclevcn.com:7101/manage/`
	`mgmtrestservice/saveInstanceConfiguration' \`
	
	`--header 'Content-Type: application/json' \`
	
	`--header 'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \`
	
	`--data '{`
	
	`"agentHostName": "phoenix147033.ad1.fusionappsdphx1.oraclevcn.com",`
	
	`"jdeHome":"C:\\jde_home_1\\SCFHA",`
	
	`"instanceName": "MY_ES",`
	
	`"configName":"CUR_DEMO",`
	
	`"configDesc":"DEMO Configuration Current"`
	
	`}'`

Return	HTTP status 200 is returned.
Sample Response	NA
Exception	400: Bad Request Status Code is returned in case the Request is not well formed for the API which is being invoked.
	403: Forbidden, Valid Authentication Information is not passed with the Request.
	500: Internal Server Error, In the unlikely case of error occurring on the Server. Refer to the logs for more details.

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listinstanceconfiguration

API Name	listinstanceconfiguration
Description	Retrieves list of saved configuration for an instance in Server Manager Console.
REST Methods	`GET`
Precondition	Server Manager Console must be running.
Input Params	TOKEN: Header returned as a response to the /authenticate Server Manager REST API Call. TOKEN: Cookie returned as a response to the /authenticate Server Manager REST API Call. AUTHORIZATION: Base64 encoded Basic username:password combination necessary for Authentication. agentHostName: The Hostname of the Machine where the Managed Home Resides. jdeHome: The Install Location of the Managed Home. instanceName: The Managed Instance Name.

Sample Request	`curl --location 'http://`
	`phoenix147045.ad1.fusionappsdphx1.oraclevcn.com:7101/`
	`manage/mgmtrestservice/listinstanceconfiguration?`
	`agentHostName=phoenix147033.ad1.fusionappsdphx1.oraclevcn.com&jdeHome=C`
	`%3A%5Cjde_home_1%5CSCFHA&instanceName=MY_ES' \`
	
	`--header 'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg=='`

Return	HTTP status 200 is returned.
Sample Response	NA
Exception	400: Bad Request Status Code is returned in case the Request is not well formed for the API which is being invoked. 403: Forbidden, Valid Authentication Information is not passed with the Request. 500: Internal Server Error, In the unlikely case of error occurring on the Server. Refer to the logs for more details.

downloadinstanceconfiguration

API Name	downloadinstanceconfiguration
Description	Downloads the saved configuration of an instance in Server Manager Console.
REST Methods	`GET`
Precondition	Server Manager Console must be running.
Input Params	TOKEN: Header returned as a response to the /authenticate Server Manager REST API Call.
	TOKEN: Cookie returned as a response to the /authenticate Server Manager REST API Call.
	AUTHORIZATION: Base64 encoded Basic username:password combination necessary for Authentication.
	agentHostName: The Hostname of the Machine where the Managed Home Resides.
	jdeHome: The Install Location of the Managed Home.
	instanceName: The Managed Instance Name.
	cofigfileName: The Managed Instance Name.

Sample Request	`curl --location 'https://`
	`ems4296.ad1.fusionappsdphx1.oraclevcn.com:9016/`
	`manage/mgmtrestservice/downloadinstanceconfiguration?`
	`agentHostName=ems14384.ad1.fusionappsdphx1.oraclevcn.com&jdeHome=`
	`%2Fslot%2Fems1281%2Fappmgr%2Fjde_agent_ent`
	`%2FSCFHA&instanceName=tqa_lnx_ent_4081&configfileName=06NOV3' \`
	
	`--header 'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg=='`

Return	HTTP status 200 is returned.
Sample Response	NA
Exception	400: Bad Request Status Code is returned in case the Request is not well formed for the API which is being invoked.
	403: Forbidden, Valid Authentication Information is not passed with the Request.

500: Internal Server Error, In the unlikely case of error occurring on the Server. Refer to the logs for more details.

restoreinstanceconfiguration

API Name	restoreinstanceconfiguration
Description	Restores configuration of a particular instance for a given configuration file name.
REST Methods	**POST**
Precondition	Server Manager Console must be running.
Input Params	TOKEN: Header returned as a response to the /authenticate Server Manager REST API Call. TOKEN: Cookie returned as a response to the /authenticate Server Manager REST API Call. AUTHORIZATION: Base64 encoded Basic username:password combination necessary for Authentication.

Sample Request	`curl --location --request POST 'http://phoenix147045.ad1.fusionappsdphx1.oraclevcn.com:7101/manage/mgmtrestservice/restoreinstanceconfiguration' \`
	
	`--header 'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \`
	
	`--data ''`

Return	HTTP status 200 is returned.
Sample Response	NA
Exception	403: Forbidden Status Code is returned if the Authentication information passed with the Request is not valid. 400: Bad Request Status Code is returned in case the Request is not well formed for the API which is being invoked. 500: Internal Server Error, In the unlikely case of error occurring on the Server. Refer to the logs for more details.

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deleteinstanceconfiguration

API Name	deleteinstanceconfiguration
Description	Deletes the configuration of a particular instance for the provided configuration file name.
REST Methods	**POST**
Precondition	Server Manager Console must be running.
Input Params	TOKEN: Header returned as a response to the /authenticate Server Manager REST API Call. TOKEN: Cookie returned as a response to the /authenticate Server Manager REST API Call. AUTHORIZATION: Base64 encoded Basic username:password combination necessary for Authentication.

Sample Request	```curl --location 'http://phoenix147045.ad1.fusionappsdphx1.oraclevcn.com:7101/manage/mgmtrestservice/deleteinstanceconfiguration' \```
	
	```--header 'Content-Type: application/json' \```
	
	```--header 'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \```
	
	```--data '{```
	
	```"agentHostName": "phoenix147033.ad1.fusionappsdphx1.oraclevcn.com",```
	
	```"jdeHome":"C:\\jde_home_1\\SCFHA",```
	
	```"instanceName": "MY_ES",```
	
	```"configName":"CUR_DEMO"```
	
	```}'```

Return	HTTP status 200 is returned.
Sample Response	NA
Exception	403: Forbidden Status Code is returned if the Authentication information passed with the Request is not valid.

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400: Bad Request Status Code is returned in case the Request is not well formed for the API which is being invoked.

500: Internal Server Error, In the unlikely case of error occurring on the Server. Refer to the logs for more details.

uploadconfiguration

API Name	uploadconfiguration
Description	Uploads or imports configuration to an existing instance.
REST Methods	`PUT`
Precondition	Server Manager Console must be running.
Input Params	TOKEN: Header returned as a response to the /authenticate Server Manager REST API Call. TOKEN: Cookie returned as a response to the /authenticate Server Manager REST API Call. AUTHORIZATION: Base64 encoded Basic username:password combination necessary for Authentication. file: The File representing the Managed Software Component to be Uploaded to Server Manager Console. agentHostName: The Hostname of the Machine where the Managed Home Resides. jdeHome: The Install Location of the Managed Home. instanceName: The Managed Instance Name. username: Username, Example: jde_admin. Password: Password for the User.
Sample Request	```curl --location --request PUT 'http://phoenix147045.ad1.fusionappsdphx1.oraclevcn.com:7101/manage/mgmtrestservice/uploadconfiguration?agentHostName=phoenix147033.ad1.fusionappsdphx1.oraclevcn.com&jdeHome=C%3A%5Cjde_home_1%5CSCFHA&instanceName=MY_ES' \ --header 'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \ --form 'file=@"/C:/Users/test/Desktop/CUR_DEMO.zip"'```

Return	HTTP status 200 and 201 are returned.
Sample Response	NA
Exception	403: Forbidden Status Code is returned if the Authentication information passed with the Request is not valid. 400: Bad Request Status Code is returned in case the Request is not well formed for the API which is being invoked. 500: Internal Server Error, In the unlikely case of error occurring on the Server. Refer to the logs for more details.

REST APIs for Server Manager Console Driver Update (Tools Update Release 9.2.8.2)

This section contains the details of the REST APIs used for Server Manager Console Driver update.

databasedrivers

API Name	databasedrivers
Description	Provides the database drivers information for Server Manager Console.
REST Methods	`GET`
Precondition	Server Manager Console up and running.
Input Params	TOKEN: Header returned as a response to the /authenticate Server Manager REST API Call. TOKEN: Cookie returned as a response to the /authenticate Server Manager REST API Call. AUTHORIZATION: Base64 encoded Basic username:password combination necessary for Authentication.

Sample Request	`curl --location 'http://`
	`phoenix175736.appsdev0.fusionappsdphx1.oraclevcn.com:7101/manage/`
	`mgmtrestservice/databasedrivers' \`

	`--header 'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \`
	
	`--header 'Cookie:`
	`SMCONSOLE_SSID=Kw75HPi6oMCFZ_Yg3SmiqxcX09uMG2o_h955MywDkcqTotIUVuYV!`
	`1833693386'`

Return	HTTP status 200 is returned.

Sample Response	`[`
	
	`"oracle12_13",`
	
	`"oracle14",`
	
	`"oracle15",`
	
	`"oracle16",`
	
	`"oracle17",`
	
	`"oracle18",`
	
	`"sql14_15",`
	
	`"sql16",`
	
	`"sql17",`
	
	`"sql18",`
	
	`"sql19",`
	
	`"sql19_22",`
	
	`"udb214_15",`
	
	`"udb414_15",`
	
	`"udb16",`
	
	`"as400.db214_15",`
	
	`"as400.db216"`
	
	`]`

Exception	302: Found the Managed Instance with the passed in Instance Name. 403: Forbidden Status Code is returned if the Authentication information passed with the Request is not valid.

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	500: Internal Server Error, In the unlikely case of error occurring on the Server. Refer to the logs for more details.

databasedrivers

API Name	databasedrivers
Description	Uploads a database driver for Server Manager Console.
REST Methods	`PUT`
Precondition	Server Manager Console must be running. **Note:** Ensure the database driver file to be uploaded is the required name for the database driver file.
Input Params	TOKEN: Header returned as a response to the /authenticate Server Manager REST API Call. TOKEN: Cookie returned as a response to the /authenticate Server Manager REST API Call. AUTHORIZATION: Base64 encoded Basic username:password combination necessary for Authentication. file: The File representing the Managed Software Component to be Uploaded to Server Manager Console.

Sample Request	`curl --location --request PUT 'http://phoenix175736.appsdev0.fusionappsdphx1.oraclevcn.com:7101/manage/mgmtrestservice/databasedrivers' \`
	
	`--header 'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \`
	
	`--header 'Cookie: SMCONSOLE_SSID=Kw75HPi6oMCFZ_Yg3SmiqxcX09uMG2o_h955MywDkcqTotIUVuYV!1833693386' \`
	
	`--form 'file=@"/path/to/file"'`

Return	HTTP status 200 is returned.
Sample Response	NA

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Exception	302: Found the Managed Instance with the passed in Instance Name.
	403: Forbidden Status Code is returned if the Authentication information passed with the Request is not valid.
	400: Bad Request Status Code is returned in case the Request is not well formed for the API which is being invoked.

databasedrivers/{databaseDriver Type}

API Name	databasedrivers/{databaseDriver Type}
Description	Provides the instance information for passed database driver Type for Server Manager Console.
REST Methods	`GET`
Precondition	Server Manager Console must be running.
Input Params	TOKEN: Header returned as a response to the /authenticate Server Manager REST API Call.
	TOKEN: Cookie returned as a response to the /authenticate Server Manager REST API Call.
	AUTHORIZATION: Base64 encoded Basic username:password combination necessary for Authentication.
	driverType: The driverType of server manager console for which instance Info needs to be fetched.

Sample Request	```curl --location 'https://ems4296.ad1.fusionappsdphx1.oraclevcn.com:9016/manage/mgmtrestservice/databasedrivers/sql19_22' \```
	
	```--header 'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \```
	
	```--header 'Cookie: SMCONSOLE_SSID=Xfz5Lu6sptYBfm8eIHQukJsAbdJEFu4SlcbcCLpOo1nYVqiGIa7F!-1336142```

Return	HTTP status 200 and 201 are returned.

Sample Response	``[``
	
	``{``

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```
"serverInformation": [

{

"jdeHome": "/scratch/cluster/jde_agent_web/SCFHA",

"hostName": "phoenix155681.appsdev0.fusionappsdphx1.oraclevcn.com",

"instanceInformation": [

{

"J2EEApplicationServer": "Oracle WebLogic Instance: tqa_9260_lnx_
wls_phoenix155681, Domain: e1_Domain, Cluster: C1AIS",

"isDriverInstalled": "Installed",

"instanceName": "tqa_9260_lnx_wls_phoenix155681"

}

]

}

],

"deplymentServer": "Servers Utilizing Driver"

},

{

"serverInformation": [],

"deplymentServer": "Data Access Servers Utilizing Driver"

},

{

"serverInformation": [],

"deplymentServer": "EOne Data Access Driver Utilizing Driver"

},

{

"serverInformation": []
```

```
"deplymentServer": "Enterprise Servers Utilizing Driver"

}

]
```

Exception	302: Found the Managed Instance with the passed in Instance Name.
	403: Forbidden Status Code is returned if the Authentication information passed with the Request is not valid.
	500: Internal Server Error, In the unlikely case of error occurring on the Server. Refer to the logs for more details.

databasedrivers/{databaseDriver Type}

API Name	databasedrivers/{databaseDriver Type}
Description	Provides the instance information for passed database driver Type for Server Manager Console. **Note:** Optional parameters domainName and serverName needs to be passed for web instances.
REST Methods	`POST`
Precondition	Server Manager Console must be running.
Input Params	TOKEN: Header returned as a response to the /authenticate Server Manager REST API Call.
	TOKEN: Cookie returned as a response to the /authenticate Server Manager REST API Call.
	AUTHORIZATION: Base64 encoded Basic username:password combination necessary for Authentication.
	driverType: The driverType of server manager console for which instance Info needs to be fetched.
	instanceName: The Managed Instance Name.
	action: The action needs to perform on instance.
	agentHostName: The Agent Host Name for instance.

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	jdeHome: The Agent jde Home for instance. domainName: The domainName form j2ee application server details for web instances. serverName: The serverName form j2ee application server details for web instances.

Sample Request	```curl --location --request POST 'https:// ems4296.ad1.fusionappsdphx1.oraclevcn.com:9016/ manage/mgmtrestservice/databasedrivers/sql19? instanceName=tqa_9260_lnx_wls_phoenix155681&agentHostName=phoenix155681.apps %2Fscratch%2Fcluster%2Fjde_agent_web %2FSCFHA&action=uninstallJDBCDriver&domainName=bssv_domain&serverName=BSSV67 \```
	
	```--header 'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \```
	
	```--header 'Cookie: SMCONSOLE_SSID=hQYVbQ7QV6yijlvwdozJikopOYGc3SIZLApgfJgDrkaqq6hKx55_!-6888097 \```
	
	```--data ''```

Return	HTTP status 200 is returned.
Sample Response	NA
Exception	302: Found the Managed Instance with the passed in Instance Name. 404: Unable to find the Managed Instance with the passed in Instance Name. 403: Forbidden Status Code is returned if the Authentication information passed with the Request is not valid.

databasedrivers/{databaseDriver Type}

API Name	databasedrivers/{databaseDriver Type}
Description	Performs passed action on passed instance information for passed database drivers.
REST Methods	POST
Precondition	Server Manager Console must be running.

Input Params	TOKEN: Header returned as a response to the /authenticate Server Manager REST API Call.
	TOKEN: Cookie returned as a response to the /authenticate Server Manager REST API Call.
	AUTHORIZATION: Base64 encoded Basic username:password combination necessary for Authentication.
	driverType: The driverType of server manager console for which instance Info needs to be fetched.
	instanceName: The Managed Instance Name.
	action: The action needs to perform on instance.
	agentHostName: The Agent Host Name for instance.
	jdeHome: The Agent jde Home for instance.
	domainName: The domainName form j2ee application server details for web instances.
	serverName: The serverName form j2ee application server details for web instances.

Sample Request	```curl --location --request POST 'https://ems4296.ad1.fusionappsdphx1.oraclevcn.com:9016/manage/mgmtrestservice/databasedrivers/sql19?instanceName=tqa_9260_lnx_wls_phoenix155681&agentHostName=phoenix155681.apps%2Fscratch%2Fcluster%2Fjde_agent_web%2FSCFHA&action=uninstallJDBCDriver&domainName=bssv_domain&serverName=BSSV67\```
	
	 ```--header 'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \```
	
	 ```--header 'Cookie: SMCONSOLE_SSID=hQYVbQ7QV6yijlvwdozJikopOYGc3SIZLApgfJgDrkaqq6hKx55_!-6888097\```
	
	 ```--data ''```

Return	HTTP status 200 is returned.
Sample Response	NA
Exception	302: Found the Managed Instance with the passed in Instance Name.
	404: Unable to find the Managed Instance with the passed in Instance Name.

403: Forbidden Status Code is returned if the Authentication information passed with the Request is not valid.

usersession/sendMessage

API Name	usersession/sendMessage
Description	Performs passed action on passed instance information for passed database drivers. **Note:** This API will send the passed message to passed session Id. please make sure passed session Id is valid and at least one open active app.
REST Methods	`POST`
Precondition	Server Manager Console must be running.
Input Params	TOKEN: Header returned as a response to the /authenticate Server Manager REST API Call. TOKEN: Cookie returned as a response to the /authenticate Server Manager REST API Call. AUTHORIZATION: Base64 encoded Basic username:password combination necessary for Authentication. message: The Message which needs to be sent to passed instance and session Id. instanceName: The Managed Instance Name. sessionId: Session Id where the message needs to be sent. agentHostName: The Agent Host Name for instance. jdeHome: The Agent jde Home for instance.
Sample Request	``curl --location --request POST 'https://ems4296.ad1.fusionappsdphx1.oraclevcn.com:9016/manage/mgmtrestservice/usersession/sendMessage?instanceName=tqa_926_lnx_jas_ems4071_24696&agentHostName=ems4071.ad1.fusiona%2Fslot%2Fems15587%2Foracle%2Fjde_agent_web%2FSCFHA&sessionId=3444851491212081152&message=test%20message' \``    ``--header 'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \``

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	`--header 'Cookie:` `SMCONSOLE_SSID=hQYVbQ7QV6yijlvwdozJikopOYGc3SIZLApgfJgDrkaqq6hKx55_!-6888097`
Return	HTTP status 200 is returned.
Sample Response	NA
Exception	302: Found the Managed Instance with the passed in Instance Name. 404: Unable to find the Managed Instance with the passed in Instance Name. 403: Forbidden Status Code is returned if the Authentication information passed with the Request is not valid.

getComponentHistory

API Name	getComponentHistory
Description	Retrieves the Change Component history for passed instance.
REST Methods	`GET`
Precondition	Server Manager Console must be running.
Input Params	TOKEN: Header returned as a response to the /authenticate Server Manager REST API Call. TOKEN: Cookie returned as a response to the /authenticate Server Manager REST API Call. AUTHORIZATION: Base64 encoded Basic username:password combination necessary for Authentication. instanceName: The Managed Instance Name. agentHostName: The Agent Host Name for instance. jdeHome: The Agent jde Home for instance.

Sample Request	`curl --location 'https://`
	`ems4296.ad1.fusionappsdphx1.oraclevcn.com:9016/`
	`manage/mgmtrestservice/getComponentHistory?`
	`instanceName=tqa_926_lnx_jas_ems4071_24696&agentHostName=ems4071.ad1.fusiona`
	`%2Fslot%2Fems15587%2Foracle%2Fjde_agent_web%2FSCFHA' \`

	```--header 'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \```
	
	```--header 'Cookie:```
	```SMCONSOLE_SSID=Dp8V7S_w9JFN_u_WzvDr1D3dPXPwlPnDho98xNyqkxv_lqir-```
	```Hgu!-688809719'```

Return	HTTP status 200 is returned.

Sample Response	```[```
	
	```{```
	
	```"New Release": "9.2.7.0",```
	
	```"User Name": "JDE",```
	
	```"Old Release": "",```
	
	```"Date": "11/23/22 1:45 PM"```
	
	```},```
	
	```{```
	
	```"New Release": "9.2.7.2",```
	
	```"User Name": "jde_admin",```
	
	```"Old Release": "9.2.7.0",```
	
	```"Date": "12/19/22 9:43 AM"```
	
	```}```
	
	```]```

Exception	302: Found the Managed Instance with the passed in Instance Name. 404: Unable to find the Managed Instance with the passed in Instance Name. 403: Forbidden Status Code is returned if the Authentication information passed with the Request is not valid.

usersession/sessiondetails

API Name	usersession/sessiondetails

Description	Gets the session details for passed instance.
REST Methods	`GET`
Precondition	Server Manager Console must be running.
Input Params	TOKEN: The TOKEN Header returned as a response to the /authenticate Server Manager REST API Call.
	TOKEN: The TOKEN Cookie returned as a response to the /authenticate Server Manager REST API Call.
	AUTHORIZATION: The Base64 encoded Basic username:password combination necessary for Authentication.
	instanceName: The Managed Instance Name.
	agentHostName: The Agent Host Name for instance.
	jdeHome: The Agent jde Home for instance.

Sample Request	`curl --location 'https://`
	`ems4296.ad1.fusionappsdphx1.oraclevcn.com:9016/`
	`manage/mgmtrestservice/usersession/sessiondetails?`
	`instanceName=tqa_926_lnx_jas_ems4071_23512&agentHostName=ems4071.ad1.fusiona`
	`%2Fslot%2Fems15587%2Foracle%2Fjde_agent_web%2FSCFHA' \`
	
	`--header 'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \`
	
	`--header 'Cookie:`
	`SMCONSOLE_SSID=tVVuWZ_H65B1JOWD_OZLJKCAFupJWqHFGVxqixAlyKhm1iL9ZDh7!`
	`829478494'`

Return	HTTP status 200 is returned.

Sample Response	`[`
	
	`{`
	
	`"displayType": "HTML",`
	
	`"loginTime": "1724133147789",`
	
	`"dnsName": "10.69.108.252",`
	
	`"userEnvironment": "JDV920",`

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```
"agentName": "Mozilla/5.0 (Windows NT 10.0; Win64; x64)
AppleWebKit/537.36 (KHTML, like Gecko) Chrome/127.0.0.0
Safari/537.36",

"sessionID": "811762597378768896",

"userName": "JDE",

"idleTime": "53011",

"remoteEnvironments": "[Ljava.lang.String;@375d8232"

}

]
```

Exception	302: Found the Managed Instance with the passed in Instance Name.
	404: Unable to find the Managed Instance with the passed in Instance Name.
	403: Forbidden Status Code is returned if the Authentication information passed with the Request is not valid.

usersession/terminatehtmlsession

API Name	usersession/terminatehtmlsession
Description	Terminates passed session from passed server instance.
REST Methods	**POST**
Precondition	Server Manager Console must be running.
Input Params	TOKEN: The TOKEN Header returned as a response to the /authenticate Server Manager REST API Call.
	TOKEN: The TOKEN Cookie returned as a response to the /authenticate Server Manager REST API Call.
	AUTHORIZATION: The Base64 encoded Basic username:password combination necessary for Authentication.
	instanceName: The Managed Instance Name.
	sessionId: Session Id which needs to be terminated.

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	agentHostName: The Agent Host Name for instance.
	jdeHome: The Agent jde Home for instance.

Sample Request	```curl --location --request POST 'https://ems4296.ad1.fusionappsdphx1.oraclevcn.com:9016/manage/mgmtrestservice/usersession/terminatehtmlsession?instanceName=tqa_926_lnx_jas_ems4071_23512&agentHostName=ems4071.ad1.fusiona%2Fslot%2Fems15587%2Foracle%2Fjde_agent_web%2FSCFHA&sessionId=811762597378768896' \```
	
	 ```--header 'Authorization: ••••••' \```
	
	 ```--header 'Cookie: SMCONSOLE_SSID=tVVuWZ_H65B1JOWD_OZLJKCAFupJWqHFGVxqixAlyKhm1iL9ZDh7!829478494'```

Return	HTTP status 200 is returned.
Sample Response	NA
Exception	302: Found the Managed Instance with the passed in Instance Name. 404: Unable to find the Managed Instance with the passed in Instance Name. 403: Forbidden Status Code is returned if the Authentication information passed with the Request is not valid.

REST APIs for Server Manager User Log Configuration (Tools Update Release 9.2.9)

This section contains the details of the REST APIs used for Server Manager User Log Configurations.

logs/userlogconfiguration

API Name	logs/userlogconfiguration
Description	Gets all log configuration for logged in user.
REST Methods	`GET`

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Precondition	Server Manager Console must be running.
Permission	webProductLogInstance
Input Params	instanceName : The Managed Instance Name. jdeHome: The Install Location of the Managed Home. agentHostName: The Hostname of the Machine where the Managed Home Resides.

Sample Request	`curl --location 'http://`
	`phoenix175736.appsdev0.fusionappsdphx1.oraclevcn.com:7101/`
	`manage/mgmtrestservice/logs/userlogconfiguration?`
	`instanceName=Html&agentHostName=phoenix175736.appsdev0.fusionappsdphx1.oracl`
	`%3A%5Cwork%5Cinstall%5CSMA%5CSCFHA' \ --header 'Authorization: Basic`
	`SkRFOkpERQ=='`

Return	

Sample Response	`[ { "component": "ALL", "logName": "JDE", "maxBackupIndex": 20,`
	` "level": "APP", "logFile": "C:\\work\\install\\SMA\\SCFHA\\targets`
	`\\Html\\logs\\jde.log", "format": "TOOLS", "maxFileSize": "9MB",`
	` "userName": "JDE", "append": "TRUE" } ]`

Exception	Throws an exception if the operation fails for any reason.

logs/userlogconfiguration

API Name	logs/userlogconfiguration
Description	Deletes log configuration for logged in user.
REST Methods	`DELETE`
Precondition	Server Manager Console must be running.
Permission	webProductLogInstance

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Input Params	instanceName: The Managed Instance Name.
	jdeHome: The Install Location of the Managed Home.
	agentHostName: The Hostname of the Machine where the Managed Home Resides.

Sample Request	`curl --location --request DELETE 'http://`
	`phoenix175736.appsdev0.fusionappsdphx1.oraclevcn.com:7101/`
	`manage/mgmtrestservice/logs/userlogconfiguration?`
	`instanceName=Html&agentHostName=phoenix175736.appsdev0.fusionappsdphx1.oracl`
	`%3A%5Cwork%5Cinstall%5CSMA%5CSCFHA' \ --header 'Authorization: Basic`
	`SkRFOkpERQ=='`

Return	HTTP status 200 is returned.
Sample Response	
Exception	Throws an exception if the operation fails for any reason.

logs/userlogconfiguration

API Name	logs/userlogconfiguration
Description	Creates a new log configuration for logged in user.
REST Methods	`PUT`
Precondition	Server Manager Console must be running.
Permission	webProductLogInstance
Input Params	instanceName : The Managed Instance Name.
	jdeHome: The Install Location of the Managed Home.
	agentHostName: The Hostname of the Machine where the Managed Home Resides.

Sample Request	`curl --location --request PUT 'http://`
	`phoenix175736.appsdev0.fusionappsdphx1.oraclevcn.com:7101/`
	`manage/mgmtrestservice/logs/userlogconfiguration?`

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```
instanceName=Html&agentHostName=phoenix175736.appsdev0.fusionappsdphx1.oracl
%3A%5Cwork%5Cinstall%5CSMA%5CSCFHA' \ --header 'Authorization: Basic
SkRFOkpERQ==''
```

Return	HTTP status 201 is Created.
Sample Response	
Exception	Throws an exception if the operation fails for any reason.

logs/userlogconfiguration

API Name	logs/userlogconfiguration
Description	Updates user specific log for passed user.
REST Methods	`POST`
Precondition	Server Manager Console must be running.
Permission	webProductLogInstance
Input Params	instanceName: The Managed Instance Name. jdeHome: The Install Location of the Managed Home. agentHostName: The Hostname of the Machine where the Managed Home Resides.
Sample Request	```curl --location 'http://phoenix175736.appsdev0.fusionappsdphx1.oraclevcn.com:7101/manage/mgmtrestservice/logs/userlogconfiguration?instanceName=Html&agentHostName=phoenix175736.appsdev0.fusionappsdphx1.oracl%3A%5Cwork%5Cinstall%5CSMA%5CSCFHA' \ --header 'Content-Type: application/json' \ --header 'Authorization: Basic SkRFOkpERQ==' \ --header 'Cookie: SMCONSOLE_SSID=u9oQ8FwzcwvR_qkGFlV5erme0HoAu2FthlPyWXkBJyRJmW41HlBv!423004064' \ --data '{ "iniConfig":{ "logName": "JDE", "maxFileSize": "25MB" } } '```
Return	HTTP status 200 is returned.

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Sample Response	
Exception	Throws an exception if the operation fails for any reason.

logs/logFiles

API Name	logs/logFiles
Description	Gets the log file details for logged in user.
REST Methods	**GET**
Precondition	Server Manager Console must be running.
Permission	webProductLogInstance
Input Params	instanceName: The Managed Instance Name.
	jdeHome: The Install Location of the Managed Home.
	agentHostName: The Hostname of the Machine where the Managed Home Resides.

Sample Request	`curl --location 'http://`
	`phoenix175736.appsdev0.fusionappsdphx1.oraclevcn.com:7101/`
	`manage/mgmtrestservice/logs/logFiles?`
	`instanceName=Html&agentHostName=phoenix175736.appsdev0.fusionappsdphx1.oracl`
	`%3A%5Cwork%5Cinstall%5CSMA%5CSCFHA&limit=560066555' \ --header`
	`'Authorization: Basic SkRFOkpERQ=='`

Return	

Sample Response	`[ { "fileName": "C:\\work\\install\\SMA\\SCFHA\\targets\\Html\\logs`
	`\\jde_JDE_20240228_0.log", "fileSize": 0, "lastModified": "Feb 28,`
	` 2024 9:56:19 AM" }, { "fileName": "C:\\work\\install\\SMA\\SCFHA`
	`\\targets\\Html\\logs\\jde_JDE_20240304_0.log", "fileSize": 0,`
	` "lastModified": "Mar 4, 2024 10:19:20 PM" } ]`

Exception	Throws an exception if the operation fails for any reason.

logs/logFiles/deletelogFiles

API Name	logs/logFiles/deletelogFiles
Description	Deletes the passed log file if logged in user has permission to delete those file.
REST Methods	**POST**
Precondition	Server Manager Console must be running.
Permission	webProductLogInstance
Input Params	instanceName: The Managed Instance Name. jdeHome: The Install Location of the Managed Home. agentHostName: The Hostname of the Machine where the Managed Home Resides.

Sample Request	`curl --location 'http://`
	`phoenix175736.appsdev0.fusionappsdphx1.oraclevcn.com:7101/`
	`manage/mgmtrestservice/logs/logFiles/deletelogFiles?`
	`instanceName=Html&agentHostName=phoenix175736.appsdev0.fusionappsdphx1.oracl`
	`%3A%5Cwork%5Cinstall%5CSMA%5CSCFHA' \ --header 'Content-Type:`
	`application/json' \ --header 'Authorization: Basic SkRFOkpERQ==' \`
	`--data '{ "logFiles":[ "C:\\work\\install\\SMA\\SCFHA\\targets\\Html`
	`\\logs\\jde_JDE_20240228_0.log", "C:\\work\\install\\SMA\\SCFHA\`
	`\targets\\Html\\logs\\jde_JDE_20240304_0.log" ] }'`

Return	HTTP status 200 is returned.
Sample Response	
Exception	Throws an exception if the operation fails for any reason.

logs/logFiles/download

API Name	logs/logFiles/download
Description	Downloads the passed log file if logged in user has right access.

REST Methods	POST
Precondition	Server Manager Console must be running.
Permission	webProductLogInstance
Input Params	instanceName: The Managed Instance Name. jdeHome: The Install Location of the Managed Home. agentHostName: The Hostname of the Machine where the Managed Home Resides.

Sample Request	`curl --location 'http://phoenix175736.appsdev0.fusionappsdphx1.oraclevcn.com:7101/manage/mgmtrestservice/logs/logFiles/download?instanceName=Html&agentHostName=phoenix175736.appsdev0.fusionappsdphx1.oracl`
	`%3A%5Cwork%5Cinstall%5CSMA%5CSCFHA' \ --header 'Content-Type:`
	`application/json' \ --header 'Authorization: Basic SkRFOkpERQ=='`
	`\ --header 'Cookie: SMCONSOLE_SSID=73ANjwPC5aSX1sp5pE0e30VfVXJRRS-`
	`JJpuQNViGsesx7DeQhg0p!-964259346' \ --data '{ "logFiles":`
	`[ "C:\\work\\install\\SMA\\SCFHA\\targets\\Html\\logs\`
	`\jde_JDE_20240228_0.log", "C:\\work\\install\\SMA\\SCFHA\\targets\`
	`\Html\\logs\\jde_JDE_20240304_0.log" ] }'`

Return	HTTP status 200 is returned.
Sample Response	
Exception	Throws an exception if the operation fails for any reason.

usergroups

API Name	usergroups
Description	Creates passed User Group.
REST Methods	POST
Precondition	Server Manager Console must be running.

Permission	userManagement
Input Params	userGroupName: The name of the User Group. userGroupDescription: The description of the User Group.

Sample Request	`curl --location 'http://`
	`phoenix175736.appsdev0.fusionappsdphx1.oraclevcn.com:7101/`
	`manage/mgmtrestservice/usergroups' \ --header 'Content-`
	`Type: application/json' \ --header 'Authorization:`
	`Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \ --header 'Cookie:`
	`SMCONSOLE_SSID=91JdGRrgf6zJLTNQGlaJj6TMtXfVWk84Pjeo0I03JXBKdMaN3uUM!-1817952`
	`\ --data '{ "userGroupName":"testGanesh", "userGroupDescription":`
	`"test" }'`

Return	HTTP status 201 is returned.
Sample Response	
Exception	Throws an exception if the operation fails for any reason.

usergroups

API Name	usergroups
Description	Gets the list of User Groups available in the system.
REST Methods	`GET`
Precondition	Server Manager Console must be running.
Permission	userManagement
Input Params	

Sample Request	`curl --location 'http://`
	`phoenix175736.appsdev0.fusionappsdphx1.oraclevcn.com:7101/`
	`manage/mgmtrestservice/usergroups' \ --header 'Authorization:`

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| | ```
Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \ --header 'Cookie:
SMCONSOLE_SSID=91JdGRrgf6zJLTNQGlaJj6TMtXfVWk84Pjeo0I03JXBKdMaN3uUM!-1817952
``` |
| **Return** | |
| **Sample Response** | ```
[ { "isProtected": true, "name": "console_user", "description":
"\n Any user who successfully authenticates and posses this
role may utilize the management console. If a user does not have
\n this role they will not be permitted to access any of the
management console pages.\n ", "assignedUsers": [ "jde_admin",
"JDE", "GGUPTA" ] }, { "isProtected": true, "name": "console_admin",
"description": "\n This role is equivalent to having all permissions
granted to a user. The jde_admin user will always have this\n role
assigned.This permission permits to delete the console log files.
\n ", "assignedUsers": [ "jde_admin" ] }, { "isProtected": false,
 "name": "wer", "description": "wer", "assignedUsers": [ "JDE" ] },
 { "isProtected": false, "name": "HtmlServer", "description": "",
 "assignedUsers": [ "GGUPTA" ] } ]
``` |
| **Exception** | Throws an exception if the operation fails for any reason. |

usergroups/{userGroup}

API Name	usergroups/{userGroup}
Description	Deletes the specified User Group.
REST Methods	`DELETE`
Precondition	Server Manager Console must be running.
Permission	userManagement
Input Params	{userGroupName}: The name of the User Group that you want to delete.
| **Sample Request** | ```
curl --location --request DELETE 'http://
phoenix175736.appsdev0.fusionappsdphx1.oraclevcn.com:7101/manage/
mgmtrestservice/usergroups/ganesh1' \ --header 'Authorization:
Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \ --header 'Cookie:
SMCONSOLE_SSID=91JdGRrgf6zJLTNQGlaJj6TMtXfVWk84Pjeo0I03JXBKdMaN3uUM!-1817952
``` |

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Return	HTTP status 200 is returned.
Sample Response	
Exception	Throws an exception if the operation fails for any reason.

usergroups/{userGroup}

API Name	usergroups/{userGroup}
Description	Gets the permission of passed Group.
REST Methods	**GET**
Precondition	Server Manager Console must be running.
Permission	userManagement
Input Params	{userGroupName}: The name of the User Group that you want to get permission for.

Sample Request	`curl --location 'http://`
	`phoenix175736.appsdev0.fusionappsdphx1.oraclevcn.com:7101/manage/`
	`mgmtrestservice/usergroups/wer' \ --header 'Authorization:`
	`Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \ --header 'Cookie:`
	`SMCONSOLE_SSID=91JdGRrgf6zJLTNQGlaJj6TMtXfVWk84Pjeo0I03JXBKdMaN3uUM!-1817952`

Return	
Sample Response	`{ "serverGroup": { "default": [ "webProductInstance" ], "chGanesh1":` `[], "TestGaneshDemo": [], "TestGanesh": [] }, "global": [] }`
Exception	Throws an exception if the operation fails for any reason.

users

API Name	Users

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Description	Gets the list of EnterpriseOne users.
REST Methods	`GET`
Precondition	Server Manager Console must be running.
Permission	userManagement
Input Params	

Sample Request	`curl --location 'http://`
	`phoenix175736.appsdev0.fusionappsdphx1.oraclevcn.com:7101/`
	`manage/mgmtrestservice/users' \ --header 'Authorization:`
	`Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \ --header 'Cookie:`
	`SMCONSOLE_SSID=91JdGRrgf6zJLTNQGlaJj6TMtXfVWk84Pjeo0I03JXBKdMaN3uUM!-1817952`

Return	

Sample Response	`[ { "userGroupinformation": [ "appServerConfig", "consoleConfig",`
	`"managedComponents", "monitorConfig", "userManagement" ],`
	`"name": "jde_admin" }, { "userGroupinformation": [], "name":`
	`"JDE" }, { "userGroupinformation": [], "name": "TEST" },`
	`{ "userGroupinformation": [], "name": "GGUPTA" } ]`

Exception	Throws an exception if the operation fails for any reason.

users/{user}

API Name	users/{user}
Description	Deletes the passed user.
REST Methods	`DELETE`
Precondition	Server Manager Console must be running.
Permission	userManagement

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Input Params	

Sample Request	`curl --location --request DELETE 'http://`
	`phoenix175736.appsdev0.fusionappsdphx1.oraclevcn.com:7101/`
	`manage/mgmtrestservice/users/GGUPTA' \ --header 'Authorization:`
	`Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \ --header 'Cookie:`
	`SMCONSOLE_SSID=91JdGRrgf6zJLTNQGlaJj6TMtXfVWk84Pjeo0I03JXBKdMaN3uUM!-1817952`

Return	HTTP status 200 is returned.
Sample Response	
Exception	Throws an exception if the operation fails for any reason.

users/{user}

API Name	users/{user}
Description	Adds a new user in Server Manager Console.
REST Methods	`POST`
Precondition	Server Manager Console must be running.
Permission	userManagement
Input Params	username: The user name for your user in Server Manager Console.

Sample Request	`"username":"test2s" } curl --location 'http://`
	`phoenix175736.appsdev0.fusionappsdphx1.oraclevcn.com:7101/`
	`manage/mgmtrestservice/users/test2s' \ --header 'Content-`
	`Type: application/json' \ --header 'Authorization:`
	`Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \ --header 'Cookie:`
	`SMCONSOLE_SSID=cOh_Vq9SPZbCqIPjhExqJUUbfVMt0Bo57cNTUWDIU0oOAuZR82Q9!`
	`1894063880' \ --data '{ "username":"test2s" }'`

Return	

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Sample Response	
Exception	Throws an exception if the operation fails for any reason.

usergroups/{userGroup}/permission/{action}

API Name	usergroups/{userGroup}/permission/{action}
Description	Updates the passed permission in for that group.
REST Methods	**POST**
Precondition	Server Manager Console must be running.
Input Params	usergroup: The name of the user group for the which the permission is requested. action: You can select either grantPermission or revokePermission. permission: The permission for the user group to access log files. (optional) serverGroupName: The name of server Group which configuration needs to be fetched.

Sample Request	`curl --location --request POST 'http://`
	`phoenix175736.appsdev0.fusionappsdphx1.oraclevcn.com:7101/`
	`manage/mgmtrestservice/usergroups/wer/permission/grantPermission?`
	`permission=healthcheck&ServerGroupName=TestGanesh'`
	`\ --header 'Authorization: Basic`
	`amRlX2FkbWluOmpkZV9hZG1pbg==' \ --header 'Cookie:`
	`SMCONSOLE_SSID=quh_a1Vl7uUAk0rtZFkF6EeWeBKUzo-2Wd24tE9he5ZWmg1i5bCc!`
	`1894063880' \ --data ''`

Return	
Sample Response	
Exception	Throws an exception if the operation fails for any reason.

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usergroups/{userGroup}/users/grantPermission/

API Name	usergroups/{userGroup}/users/grantPermission/
Description	Assigns userGroup to the user.
REST Methods	**POST**
Precondition	Server Manager Console must be running.
Permission	userManagement
Input Params	
Sample Request	`curl --location 'http://phoenix175736.appsdev0.fusionappsdphx1.oraclevcn.com:7101/manage/mgmtrestservice/usergroups/wer/users/grantPermission' \ --header 'Content-Type: application/json' \ --header 'Authorization: Basic amRlX2FkbWluOmpkZV9hZG1pbg==' \ --data '{ "users":["JDE","TEST"] }'`
Return	
Sample Response	
Exception	Throws an exception if the operation fails for any reason.

usergroups/{userGroup}/permission/revokePermission

API Name	usergroups/{userGroup}/permission/revokePermission
Description	Removes the user group assigned to a user.
REST Methods	**POST**
Precondition	Server Manager Console must be running.
Permission	permission

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Input Params	
Sample Request	
Return	HTTP status 200 is returned.
Sample Response	
Exception	Throws an exception if the operation fails for any reason.

importUsers

API Name	importUsers
Description	Imports the new changes in Server Manager Console.
REST Methods	`POST`
Precondition	Server Manager Console must be running.
Permission	userManagement consoleconfig
Input Params	dbuser: User name to the database. dbpassword: User password to the database.
Sample Request	
Return	
Sample Response	
Exception	Throws an exception if the operation fails for any reason.

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