Advanced Service Assets

"PDTool" Promotion and Deployment Tool

Module Definitions

Data Virtualization Business Unit Advanced Services

March 2015

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DOCUMENT CONTROL

Version History

Version	Date	Author	Description
1.0	8/10/2012	Mike Tinius	Initial revision
3.0	8/21/2013	Mike Tinius	Updated docs to Cisco format
3.1	1/31/2014	Mike Tinius	Added updateResourceCacheEnabled for ResourceCache Module.
3.2	11/17/2014	Mike Tinius	Updated license.
3.3	3/4/2015	Mike Tinius	Updated docs to Cisco format.

Related Documents

Document	Date	Author

Data Virtualization Business Unit (DVBU) Products Referenced

DVBU Product Name	Version
Composite Information Server	6.2, 7.0

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ARCHIVE MODULE

   a. Author(s): Mike Tinius
   b. *Name*: ArchiveModule
   c. *Description*: Performs various CIS archiving operations with CAR (Composite Archive) files such as backup, restore, import and export.

d. *XML Schema Root Node*: ArchiveModule

e. *Action*: Import
   i. Phase Supported: phase 1
   ii. Type: Script
   iii. Framework Script: ExecuteCisScript
   iv. Name: pkg_import
   v. Public Interface: command line options

f. *Action*: Export
   i. Phase Supported: phase 1
   ii. Type: Script
   iii. Framework Script: ExecuteCisScript
   iv. Name: pkg_export
   v. Public Interface: command line options

g. *Action*: Backup
   i. Phase Supported: phase 1
   ii. Type: Script
   iii. Name: backup_export
   iv. Public Interface: command line options

h. *Action*: Restore
   i. Phase Supported: phase 2
   ii. Type: Script
   iii. Name: backup_import
   iv. Public Interface: command line options

CONNECTOR MODULE

a. Author(s): TBA
b. *Name*: ConnectorModule
c. *Description*: Performs various actions with CIS connector configuration such as create, update and delete connectors.
d. *XML Schema Root Node*: ConnectorModule

e. *Action:* Create or Update Connectors
   v. Phase Supported: phase 2
   vi. Type: Java
   vii. Framework Script: ExecuteAction
   viii. Name: *createOrUpdateConnectors*
   ix. Public Interface: **public void** *createOrUpdateConnectors* (String serverId, String connectorIds, String pathToConnectorsXML, String pathToServersXML); **throws** CompositeException;
   x. CIS Web Service Methods:
      1. getConnectors()
      2. createConnector()
      3. updateConnector()

f. *Action:* Delete Connectors
   xi. Phase Supported: phase 2

xii. Type: Java

xiii. Framework Script: ExecuteAction

xiv. Name: *deleteConnectors*

xv. Public Interface: **public void** *deleteConnectors* (String serverId, String connectorIds, String pathToConnectorsXML, String pathToServersXML); **throws** CompositeException;

xvi. CIS Web Service Methods:

    1. destroyConnector()

g. *Action:* Generate Connector XML

xvii. Phase Supported: phase 1

xviii. Type: Java

xix. Framework Script: ExecuteAction

xx. Name: generateConnectorsXML

xxi. Public Interface: **public void** generateConnectorsXML (String serverId, String startPath, String pathToConnectorsXML, String pathToServersXML) **throws** CompositeException;

xxii. CIS Web Service Methods:

    1. getConnectors()

DATA SOURCE MODULE

a. Author(s): Ravi Thummalapenta

b. *Name*: DataSourceModule

c. *Description*: Performs various actions with a CIS data source configuration such as updating data sources, enabling, and reintrospecting.

d. *XML Schema Root Node*: DataSourceModule

e. *Action:* Update Data Sources

xxiii. Phase Supported: phase 1

xxiv. Type: Java

xxv. Framework Script: ExecuteAction

xxvi. Name: *updateDataSources*

xxvii. Public Interface: **public void** updateDataSources (String serverId, String dataSourceIds, String pathToDataSourceXML, String pathToServersXML);

xxviii. CIS Web Service Methods:

    1. updateDataSource()

f. *Action:* EnableDataSources

xxix. Phase Supported: phase 1

xxx. Type: Java

xxxi. Framework Script: ExecuteAction

xxxii. Name: *enableDataSources*

xxxiii. Public Interface: **public void** enableDataSources (String serverId, String dataSourceIds, String pathToDataSourceXML, String pathToServersXML);

xxxiv. CIS Web Service Methods:

    1. updateResourceEnabled ()

g. *Action:* Re-introspect Data Sources

xxxv. Phase Supported: phase 1

xxxvi. Type: Java

xxxvii. Framework Script: ExecuteAction

xxxviii. Name: reIntrospectDataSources

xxxix. Public Interface: **public void** reIntrospectDataSources (String serverId, String dataSourceIds, String pathToDataSourceXML, String pathToServersXML);

xl. CIS Web Service Methods:

1. reintrospectDataSource ()

h. *Action:* Generate Data Sources XML

xli. Phase Supported: phase 1

xlii. Type: Java

xliii. Framework Script: ExecuteAction

xliv. Name: generateDataSourcesXML

xlv. Public Interface: **public void** generateDataSourcesXML(String serverId, String startPath, String pathToDataSourceXML, String pathToServersXML) **throws** CompositeException;

xlvi. CIS Web Service Methods:

1. getResource ()

DOMAIN MODULE

a. Author(s): Ravi Thummalapenta

b. *Name*: DomainModule

c. *Description*: Performs various actions with CIS domain configuration such as creating, updating or deleting domains.

d. *XML Schema Root Node*: DomainModule

e. *Action:* Create or Update Domains

xlvii. Phase Supported: phase 2

xlviii. Type: Java

xlix. Framework Script: ExecuteAction

l. Name: createOrUpdateDomains

li. Public Interface: **public void** createOrUpdateDomains (String serverId, String domainIds, String pathToDomainsXML, String pathToServersXML) **throws** CompositeException;

lii. CIS Web Service Methods:

1. getDomains()
2. createDomain()
3. updateDomain()

f. *Action:* Delete Domains

liii. Phase Supported: phase 2

liv. Type: Java

lv. Framework Script: ExecuteAction

lvi. Name: deleteDomains

lvii. Public Interface: **public void** deleteDomains (String serverId, String groupIds, String pathToGroupsXML, String pathToServersXML) **throws** CompositeException;

lviii. CIS Web Service Methods:

1. destroyDomain()

g. *Action:* Generate Domains XML

lix. Phase Supported: phase 2

lx. Type: Java

lxi. Framework Script: ExecuteAction

lxii. Name: generateDomainsXML

lxiii. Public Interface: **public void** generateDomainsXML(String serverId, String startPath, String pathToDomainsXML, String pathToServersXML) **throws** CompositeException;

lxiv. CIS Web Service Methods:

1. getDomains()

GROUP MODULE

a. Author(s): Ravi Thummalapenta

b. *Name*: GroupModule

c. *Description*: Performs various actions with CIS group configuration such as creating, updating or deleting groups.

d. *XML Schema Root Node*: GroupModule

e. *Action:* Create or Update Groups

lxv. Phase Supported: phase 1

lxvi. Type: Java

lxvii. Framework Script: ExecuteAction

lxviii. Name: createOrUpdateGroups

lxix. Public Interface: **public void** createOrUpdateGroups (String serverId, String groupIds, String pathToGroupsXML, String pathToServersXML) **throws** CompositeException;

lxx. CIS Web Service Methods:

1. getGroups()
2. createGroup()
3. updateGroup()

f. *Action:* Delete Groups

lxxi. Phase Supported: phase 1

lxxii. Type: Java

lxxiii. Framework Script: ExecuteAction

lxxiv. Name: deleteGroups

lxxv. Public Interface: **public void** deleteGroups (String serverId, String groupIds, String pathToGroupsXML, String pathToServersXML) **throws** CompositeException;

lxxvi. CIS Web Service Methods:

1. destroyGroup()

g. *Action:* Generate Group XML

lxxvii. Phase Supported: phase 1

lxxviii. Type: Java

lxxix. Framework Script: ExecuteAction

lxxx. Name: generateGroupsXML

lxxxi. Public Interface: **public void** generateGroupsXML (String serverId, String startPath, String pathToGroupsXML, String pathToServersXML) **throws** CompositeException;

lxxxii. CIS Web Service Methods:

1. getResource ()

PRIVILEGE MODULE

a. Author(s): Ravi Thummalapenta

b. *Name*: PrivilegeModule

c. *Description*: Performs various actions with CIS resource configuration such as updating resource privileges.

d. *XML Schema Root Node*: PrivilegeModule

e. *Action:* Update Resource Privileges

  lxxxiii. Phase Supported: phase 1
  lxxxiv. Type: Java
  lxxxv. Framework Script: ExecuteAction
  lxxxvi. Name: *updateResourcePrivileges*
  lxxxvii. Public Interface: **public void** *updateResourcePrivileges* (String serverId, String privilegeIds, String pathToPrivilegesXML, String pathToServersXML); **throws** CompositeException;
  lxxxviii. CIS Web Service Methods:
    1. getResourcePrivileges()
    2. updateResourcePrivileges()
    3. changeResourceOwner()

f. *Action:* Generate Privilege XML

  lxxxix. Phase Supported: phase 1
  xc. Type: Java
  xci. Framework Script: ExecuteAction
  xcii. Name: generatePrivilegesXML
  xciii. Public Interface: **public void** generatePrivilegesXML (String serverId, String startPath, String pathToPrivilegesXML, String pathToServersXML) **throws** CompositeException;
  xciv. CIS Web Service Methods:
    1. getResourcePrivileges()

REBIND MODULE

a. Author(s): Jerry Joplin

b. *Name*: RebindModule

c. *Description*: Performs various actions with CIS resource rebind such as rebind a specific resource, rebind all views in a folder, and rebind all procedures in a folder.

d. *XML Schema Root Node*: RebindModule

e. *Action:* Rebind Resources

  xcv. Phase Supported: phase 1
  xcvi. Type: Java
  xcvii. Framework Script: ExecuteAction
  xcviii. Name: *rebindResources*
  xcix. Public Interface: **public void** *rebindResources* (String serverId, String rebindIds, String pathToRebindXML, String pathToServersXML); **throws** CompositeException;
  c. CIS Web Service Methods:
    1. rebindResources()

f. *Action:* Rebind Resource Views

  ci. Phase Supported: phase 1
  cii. Type: Java
  ciii. Framework Script: ExecuteAction
  civ. Name: *rebindResourceViews*

> cv. Public Interface: **public void** *rebindResourceViews* (String serverId, String rebindIds, String pathToRebindXML, String pathToServersXML); **throws** CompositeException;
>
> cvi. CIS Web Service Methods:
>> 1. getResources()
>> 2. getScriptText()
>> 3. updateSqlTable()

g. *Action:* Rebind Resource Procedures

> cvii. Phase Supported: phase 1
>
> cviii. Type: Java
>
> cix. Framework Script: ExecuteAction
>
> cx. Name: *rebindResourceProcedures*
>
> cxi. Public Interface: **public void** *rebindResourceProcedures* (String serverId, String rebindIds, String pathToRebindXML, String pathToServersXML); **throws** CompositeException;
>
> cxii. CIS Web Service Methods:
>> 1. getResources()
>> 2. getScriptText()
>> 3. updateSqlScript()

h. *Action:* Generate Rebind XML

> cxiii. Phase Supported: phase 1
>
> cxiv. Type: Java
>
> cxv. Framework Script: ExecuteAction
>
> cxvi. Name: generateRebindXML
>
> cxvii. Public Interface: **public void** generateRebindXML (String serverId, String startPath, String pathToRebindXML, String pathToServersXML) **throws** CompositeException;
>
> cxviii. CIS Web Service Methods:
>> 1. getUsedResources() – get the list of resources that this resources depends on.

REGRESSION TEST MODULE

a. Author(s): Sergei Sternin and Gordon Rose

b. *Name*: RegressionTestModule

c. *Description*: Performs various actions with CIS regression testing configuration such performing a regression test action.

d. *XML Schema Root Node*: RegressionTestModule

e. *Action:* Perform Regression Test

> cxix. Phase Supported: phase 2
>
> cxx. Type: Script
>
> cxxi. Framework Script: ExecuteCisScript
>
> cxxii. Name: *pubtest*
>
> cxxiii. Public Interface: command line options
>
> cxxiv. CIS Web Service Methods:

f. *Action:* Generate Regression Test XML

> cxxv. Phase Supported: phase 1
>
> cxxvi. Type: Java
>
> cxxvii. Framework Script: ExecuteAction
>
> cxxviii. Name: generateRegressionTestXML

cxxix. Public Interface: **public void** generateRegressionTestXML (String serverId, String startPath, String pathToRegressionTestXML, String pathToServersXML) **throws** CompositeException;

cxxx. CIS Web Service Methods:

    1. getResources() – get a list of resources from a CIS folder.

RESOURCE MODULE

a. Author(s): Ravi Thummalapenta

b. *Name*: ResourceModule

c. *Description*: Performs various actions with CIS resource configuration such as deleting, renaming and checking for existence.

d. *XML Schema Root Node*: ResourceModule

e. *Action:* Do Resources Exist

  cxxxi. Phase Supported: phase 1

  cxxxii. Type: Java

  cxxxiii. Framework Script: ExecuteAction

  cxxxiv. Name: *doResourcesExist*

  cxxxv. Public Interface: **public void** doResourcesExist(String serverId, String resourceIds, String pathToResourceXML, String pathToServersXML) **throws** CompositeException;

  cxxxvi. CIS Web Service Methods:

    1. resourceExists()

f. *Action:* Delete Resources

  cxxxvii. Phase Supported: phase 1

  cxxxviii. Type: Java

  cxxxix. Framework Script: ExecuteAction

  cxl. Name: *deleteResources*

  cxli. Public Interface: **public void** deleteResources (String serverId, String resourceIds, String pathToResourcesXML,String pathToServersXML) **throws** CompositeException;

  cxlii. CIS Web Service Methods:

    1. destroyResource()

g. *Action:* Rename Resources

  cxliii. Phase Supported: phase 2

  cxliv. Type: Java

  cxlv. Framework Script: ExecuteAction

  cxlvi. Name: *renameResource*

  cxlvii. Public Interface: **public void** *renameResources* (String serverId, String resourceIds, String pathToResourcesXML,String pathToServersXML) **throws** CompositeException;

  cxlviii. CIS Web Service Methods:

    1. *renameResource*()

h. *Action:* Generate Resource XML

  cxlix. Phase Supported: phase 1

  cl. Type: Java

  cli. Framework Script: ExecuteAction

  clii. Name: getResourcesFromPath

  cliii. Public Interface: **public void** getResourcesFromPath (String serverId, String startPath, String pathToResourceXML, String pathToServersXML) **throws** CompositeException;

  cliv. CIS Web Service Methods:

1. getResources() – get the list of resources that this resources depends on.

RESOURCE CACHE MODULE

    a. Author(s): TBA

    b. *Name*: ResourceCacheModule

    c. *Description*: Performs various actions with CIS resource cache configuration such as updating and refreshing the cache.

    d. *XML Schema Root Node*: ResourceCacheModule

    e. *Action:* Update Resource Cache

        clv. Phase Supported: phase 2

        clvi. Type: Java

        clvii. Framework Script: ExecuteAction

        clviii. Name: *updateResourceCache*

        clix. Public Interface: **public void** *updateResourceCache* (String serverId, String resourceIds, String pathToResourceCacheXML, String pathToServersXML); **throws** CompositeException;

        clx. CIS Web Service Methods:

            1. updateResourceCacheConfig()

    f. *Action:* Refresh Resource Cache

        clxi. Phase Supported: phase 2

        clxii. Type: Java

        clxiii. Framework Script: ExecuteAction

        clxiv. Name: *refreshResourceCache*

        clxv. Public Interface: **public void** *refreshResourceCache* (String serverId, String resourceIds, String pathToResourceCacheXML, String pathToServersXML); **throws** CompositeException;

        clxvi. CIS Web Service Methods:

            1. *refreshResourceCache*()

    g. *Action:* Clear Resource Cache

        clxvii. Phase Supported: phase 2

        clxviii. Type: Java

        clxix. Framework Script: ExecuteAction

        clxx. Name: *clearResourceCache*

        clxxi. Public Interface: **public void** *clearResourceCache* (String serverId, String resourceIds, String pathToResourceCacheXML, String pathToServersXML); **throws** CompositeException;

        clxxii. CIS Web Service Methods:

            1. *clearResourceCache*()

    h. *Action:* Update Resource Cache Enabled

        clxxiii. Phase Supported: phase 3

        clxxiv. Type: Java

        clxxv. Framework Script: ExecuteAction

        clxxvi. Name: *updateResourceCacheEnabled*

        clxxvii. Public Interface: **public void** *updateResourceCacheEnabled*(String serverId, String resourceIds, String pathToResourceCacheXML, String pathToServersXML); **throws** CompositeException;

        clxxviii. CIS Web Service Methods:

            1. *updateResourceCacheEnabled*()

    i. *Action:* Generate Resource Cache XML

- clxxix. Phase Supported: phase 1
- clxxx. Type: Java
- clxxxi. Framework Script: ExecuteAction
- clxxxii. Name: getResourceCachesXML
- clxxxiii. Public Interface: **public void** getResourceCachesXML (String serverId, String startPath, String pathToResourceCacheXML, String pathToServersXML) **throws** CompositeException;
- clxxxiv. CIS Web Service Methods:
    1. getResources() – get the list of resources that this resources depends on.
    2. getResourceCacheConfig() – Get the cache configuration for a resource.

RESOURCE STATISTICS MODULE

a. Author(s): TBA

b. *Name*: ResourceStatisticsModule

c. *Description*: Performs various actions with CIS resource statistics configuration such as updating, clearing or refreshing resource statistics.

d. *XML Schema Root Node*: ResourceStatisticsModule

e. *Action:* Update Resource Statistics
- clxxxv. Phase Supported: phase 2
- clxxxvi. Type: Java
- clxxxvii. Framework Script: ExecuteAction
- clxxxviii. Name: *updateResourceStatistics*
- clxxxix. Public Interface: **public void** *updateResourceStatistics* (String serverId, String resourceIds, String pathToResourceStatsXML, String pathToServersXML); **throws** CompositeException;
- cxc. CIS Web Service Methods:
    1. updateResourceStatisticsConfig()

f. *Action:* Clear Resource Statistics
- cxci. Phase Supported: phase 2
- cxcii. Type: Java
- cxciii. Framework Script: ExecuteAction
- cxciv. Name: *clearResourceStatistics*
- cxcv. Public Interface: **public void** *clearResourceStatistics* (String serverId, String resourceIds, String pathToResourceStatsXML, String pathToServersXML); **throws** CompositeException;
- cxcvi. CIS Web Service Methods:
    1. *clearResourceStatistics*()

g. *Action:* Refresh Resource Statistics
- cxcvii. Phase Supported: phase 2
- cxcviii. Type: Java
- cxcix. Framework Script: ExecuteAction
- cc. Name: *refreshResourceStatistics*
- cci. Public Interface: **public void** *refreshResourceStatistics* (String serverId, String resourceIds, String pathToResourceStatsXML, String pathToServersXML); **throws** CompositeException;
- ccii. CIS Web Service Methods:
    1. *refreshResourceStatistics*()

h. *Action:* Cancel Resource Statistics
- cciii. Phase Supported: phase 2
- cciv. Type: Java

- ccv. Framework Script: ExecuteAction
- ccvi. Name: cancelR*esourceStatistics*
- ccvii. Public Interface: **public void** cancelR*esourceStatistics* (String serverId, String resourceIds, String pathToResourceStatsXML, String pathToServersXML); **throws** CompositeException;
- ccviii. CIS Web Service Methods:
    1. cancelR*esourceStatistics*()

i. Action: Generate Resource Statistics XML
- ccix. Phase Supported: phase 1
- ccx. Type: Java
- ccxi. Framework Script: ExecuteAction
- ccxii. Name: getResourceStatisticsXML
- ccxiii. Public Interface: **public void** getResourceStatisticsXML (String serverId, String startPath, String pathToResourceStatisticsXML, String pathToServersXML) **throws** CompositeException;
- ccxiv. CIS Web Service Methods:
    1. getResources() – get the list of resources that this resources depends on.
    2. getResourceStatisticsConfig() – Get the cache configuration for a resource.

SERVER ATTRIBUTE MODULE
- a. Author(s): TBA
- b. *Name*: ServerAttrModule
- c. *Description*: Performs various actions with CIS server attribute configuration such as updating server attributes.
- d. *XML Schema Root Node*: ServerAttrModule

- e. *Action*: Update Server Attributes
- ccxv. Phase Supported: phase 1
- ccxvi. Type: Java
- ccxvii. Framework Script: ExecuteAction
- ccxviii. Name: *updateServerAttributes*
- ccxix. Public Interface: **public void** *updateServerAttributes* (String serverId, String serverAttrIds, String pathToServerAttributesXML, String pathToServersXML); **throws** CompositeException;
- ccxx. CIS Web Service Methods:
    1. updateServerAttributes()

f. Action: Generate Server Attributes XML
- ccxxi. Phase Supported: phase 1
- ccxxii. Type: Java
- ccxxiii. Framework Script: ExecuteAction
- ccxxiv. Name: generateServerAttributesXML
- ccxxv. Public Interface: **public void** generateServerAttributesXML (String serverId, String startPath, String pathToServerAttributesXML, String pathToServersXML) **throws** CompositeException;
- ccxxvi. CIS Web Service Methods:
    1. getServerAttributesDefChildren()

SERVER MANAGER MODULE
- a. Author(s): TBA
- b. *Name*: ServerModule

c. *Description*: Performs various actions with CIS server such as starting, restarting, and shutting down.

d. *XML Schema Root Node*: N/A

e. *Action:* Action

- ccxxvii.   Phase Supported: phase 2
- ccxxviii. Type: Java or Script
- ccxxix.   Framework Script: ExecuteAction or ExecuteCisScript
- ccxxx.   Name: *restartCis*
- ccxxxi.   Public Interface: **public void** *restartCis* (String serverId, String moduleIds, String pathToModuleXML, String pathToServersXML); **throws** CompositeException;
- ccxxxii. CIS Web Service Methods:
  1. performServerAction()

TRIGGER MODULE

a.   Author(s): Kevin O'Brien

b.   *Name*: TriggerModule

c. *Description*: Performs various actions with CIS trigger configuration such as updating triggers or deleting triggers.

d.   *XML Schema Root Node*: TriggerModule

e. *Action:* Update Trigger

- ccxxxiii. Phase Supported: phase 2
- ccxxxiv. Type: Java
- ccxxxv.   Framework Script: ExecuteAction
- ccxxxvi. Name: *updateTriggers*
- ccxxxvii. Public Interface: **public void** *updateTriggers* (String serverId, String triggerIds, String pathToTriggersXML, String pathToServersXML); **throws** CompositeException;
- ccxxxviii. CIS Web Service Methods:
  1. updateTrigger()

f. *Action:* Delete Trigger

- ccxxxix. Phase Supported: phase 2
- ccxl.   Type: Java
- ccxli.   Framework Script: ExecuteAction
- ccxlii.   Name: *deleteTriggers*
- ccxliii. Public Interface: **public void** *deleteTriggers* (String serverId, String triggerIds, String pathToTriggersXML, String pathToServersXML); **throws** CompositeException;
- ccxliv.   CIS Web Service Methods:
  1. Invokes ResourceModule.*deleteResource()*

g. *Action:* Generate Trigger XML

- ccxlv.   Phase Supported: phase 1
- ccxlvi.   Type: Java
- ccxlvii. Framework Script: ExecuteAction
- ccxlviii. Name: generateTriggersXML
- ccxlix.   Public Interface: **public void** generateTriggersXML (String serverId, String startPath, String pathToTriggersXML, String pathToServersXML) **throws** CompositeException;
- ccl.   CIS Web Service Methods:

1. getResource()

USER MODULE

a. *Name*: UserModule

b. *Description*: Performs various actions with CIS user configuration such as creating, updating or deleting users.

c. *XML Schema Root Node*: UserModule

d. *Action:* Create or Update Users

    ccli. Phase Supported: phase 1

    cclii. Type: Java

    ccliii. Framework Script: ExecuteAction

    ccliv. Name: createOrUpdateUsers

    cclv. Public Interface: **public void** createOrUpdateUsers (String serverId, String userIds, String pathToUsersXML, String pathToServersXML) **throws** CompositeException;

    cclvi. CIS Web Service Methods:

        1. getUsers()

        2. createUser()

        3. updateUser()

e. *Action:* Delete Users

    cclvii. Phase Supported: phase 1

    cclviii. Type: Java

    cclix. Framework Script: ExecuteAction

    cclx. Name: deleteUsers

    cclxi. Public Interface: **public void** deleteUsers (String serverId, String userIds, String pathToUsersXML, String pathToServersXML) **throws** CompositeException;

    cclxii. CIS Web Service Methods:

        1. destroyUser()

f. *Action:* Generate User XML

    cclxiii. Phase Supported: phase 1

    cclxiv. Type: Java

    cclxv. Framework Script: ExecuteAction

    cclxvi. Name: generateUsersXML

    cclxvii. Public Interface: **public void** generateUsersXML (String serverId, String startPath, String pathToUsersXML, String pathToServersXML) **throws** CompositeException;

    cclxviii. CIS Web Service Methods:

        1. getUsers()

VCS MODULE

a. Author(s): Mike Tinius

b. *Name*: VCSModule

c. *Description*: Performs version control system check-out from the VCS system based on identified resource paths and construct a CAR file which can be used for importing into a target CIS environment.

d. *XML Schema Root Node*: VCSModule

e. *Action:* Action

cclxix.   Phase Supported: phase 1

cclxx.   Type: CisProcedure

cclxxi.   Framework Script: ExecuteVCS

cclxxii.   Name: *checkOut*

cclxxiii.   Public Interface: **public void** *checkOut* (String serverId, String moduleIds, String pathToVCSXML, String pathToServersXML); **throws** CompositeException;

cclxxiv.   CIS Web Service Methods:

APPENDIX A:

Use the Any Module template to create additional entries in this definition document.

1. Any Module
    a. Author(s): TBA
    b. *Name*: AnyModule
    c. *Description*: Performs various actions with CIS server attribute configuration such as updating server attributes.
    d. *XML Schema Root Node*: AnyModule
    e. *Action:* Action
        i. Phase Supported: phase 1
        ii. Type: Java | Script | CisProcedure
        iii. Framework Script: ExecuteAction | ExecuteCisScript | ExecuteProcedure
        iv. Name: *nameOfAction*
        v. Public Interface: **public void** *nameOfAction* (String serverId, String moduleIds, String pathToModuleXML, String pathToServersXML); **throws** CompositeException;
        vi. CIS Web Service Methods:
            1. Method1
            2. Method2
    f. *Action:* Generate Module XML
        i. Phase Supported: phase 1
        ii. Type: Java
        iii. Framework Script: ExecuteAction
        iv. Name: generateModulesXML
        v. Public Interface: **public void** generateModulesXML (String serverId, String startPath, String pathToModuilesXML, String pathToServersXML) **throws** CompositeException;
        vi. CIS Web Service Methods:
            3. getMethod()

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