



Asite Application Programming Interface

**Prepared for
Internal Use and Release to Select Customers**

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Rev	Reason for Issue	Distribution	Date
1	New Template	Email	12-Oct-2009
2	Additional REST based APIs Added	AKM	22-Feb-2010
3	SOAP based API Support Added for AppBuilder	AKM	24-May-2010
4	Modified format for Partner Distribution	AKM	13-Sep-2010
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14	Updated documentation for Publish Document API	AKM	24-Jan-2017
15	Updated documentation for Workspace Folder List, Document List/Next page List, Create/Edit folder, Create User and Document Search APIs. Included API for Document status change.	AKM	07-Feb-2017
16	Updated documentation for Create and Update folder API	AKM	23-Feb-2017
17	Updated documentation for Create User and Workspace Clone APIs. Included API for Update User	AKM	15-Mar-2017
18	Updated documentation for Login Service, get User by Email address, Workspace folder List, Create user and Update user APIs. New API for getting a user's project and role details	AKM	14-Apr-2017
19	Updated documentation for User Role Management API	AKM	18-Apr-2017
20	Updated documentation for Get User Projects and Roles Details API, User Role Management API	AKM	20-Apr-2017
21	Updated documentation for Document Search API	AKM	21-May-2017
22	Updated documentation for Workspace Clone API	AKM	25-Oct-2017
23	Updated documentation for Update User API	AKM	4-Dec-2017
24	Updated documentation for New Form Search, Document Listing and Document Search API	AKM	21-Mar-2018
25	Updated Documentation for Link and Form APIs	AKM	25-Apr-2018
26	Updated Documentation for User API Service	AKM	12-Jun-2018
27	Updated Documentation for Link Document API Service	AKM	31-July-2018
28	Updated Documentation for updateUser API Service	AKM	30-Nov-2018
29	Updated Documentation for Add Task Search API and Updation in Document Search API Service	AKM	07-Dec-2018
30	Update Documentation for Create/Update User, Create/Update folder, Document List, Document List Next page, Document Search and Download document API Services. Removed documentation for deprecated SOAP APIs	AKM	19-Jan-2019
31	New API for updating Link Type and updated documentation for Form Search API, Task Search API, Login API, Workspace List API	AKM	07-Feb-2019

Summary: Document representing an Overview of Asite API Services

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1 Introduction

1.1 Definition of API

Application Programming Interface (API) is an interface that a software program implements to allow other software's to interact with it. Similarly, software might also implement a user interface for users.

APIs are implemented by applications, libraries and operating systems to define how other software can make calls to or request services from them. An API determines the vocabulary and calling conventions a programmer should employ to use such services. It may include specifications for routines, data structures, object classes, and protocols used to communicate between the consumer and implementer of the API.

1.2 About the Asite API

Asite API is an interface that allows other software applications to interact with the services and data stored within the Asite Business Operating System (ABOS) platform. Asite API supports both REST based and SOAP based interfaces.

REST Based API: REST (representational state transfer) is an approach for getting information content from a Web site by reading a designated Web page that contains an XML (Extensible Markup Language) file that describes and includes the desired content.

SOAP based API: SOAP is a protocol for accessing a Web Service. SOAP is a simple XML-based protocol to let applications exchange information over HTTP.

SOAP, defined as Simple Object Access Protocol, a protocol specification for exchanging structured information in the implementation of Web Services in computer networks. It relies on Extensible Markup Language (XML) for its message format, and usually relies on other application Layer protocols, most notably Remote Procedure Call (RPC) and Hypertext Transfer Protocol (HTTP), for message negotiation and transmission.

This essentially means that you can send an HTTP GET or POST to call exposed methods, and you'll get back an XML document in return.

The Asite API defines the vocabulary and calling conventions the programmer should employ to use the services. The Asite API consists of a set of callable methods, and API endpoints and expects all data to be UTF-8 encoded. The Asite API thus enables the combination of multiple services into new applications or mashups.

The REST Based API uses the RESTEasy framework. RESTEasy is a JBoss project that provides a framework to build RESTful Web Services and RESTful Java applications. It is a fully certified and portable implementation of the JAX-RS (Java API for RESTful Web Services) specification.

The Asite Portlet container is based on portlet specification which is an open standard. The Asite Platform is open for our users and partners to develop their own mashups and incorporate them into their personalised views or even share them with colleagues, the supply-chain and beyond. The Asite Portlet enables you to bring the content from your SharePoint web-part into the Asite portal homepage in real-time. You can pull supply chain data from the Asite platform straight into your SharePoint web-parts. Asite Portlet container runs on top of LifeRay Portal which is JSR-168 and JSR- 286 (both are portlet specification complaint).



Asite AppBuilder is a development framework allowing you to build Apps that run within the Asite platform. The framework is based around the Microsoft InfoPath's .XSN format. It allows you to use a WYSIWYG design interface to create the App's Interfaces as well as data points (effectively data-base fields are called Data Source) for the App. Advanced functionality can also be developed using javascript code. Apps can also be developed with multiple forms that work together to create a larger application. These Apps use Data-Connections between the forms (using the SOAP Based API) to allow the forms within the App to call data between themselves

Asite API Services are designed to support the requirements of multiple entities, namely:

- Individual users,
- Customer Organisations,
- Third Party systems, and
- Public data access

API framework:

- ➔ is independent of Client Languages used in their applications;
- ➔ is independent of Client Web Browser and is scalable for Component interactions;
- ➔ supports independent deployment of components and field selectors;
- ➔ immediately integrates with any applications that uses Asite API;
- ➔ manage and respect data validations, workflow and security of information;
- ➔ requires authentication for user credentials. This is a must for any request being received in Asite Platform or sent from Asite Platform.
- ➔ can receive HTTP requests and sending back XML data to Client Applications accessing data from internal and external applications;
- ➔ is flexible for users to specify a list of fields that can be sent with the request.



2 Asite API Audience

Asite API can be used primarily by:

Users – Individual users registered and subscribed to Asite can use the API from the Asite Libraries.

Customer Organisations - Companies registered with Asite can use Asite APIs to integrate with their back-office solutions and retrieve information at Organisation level or Contract level.

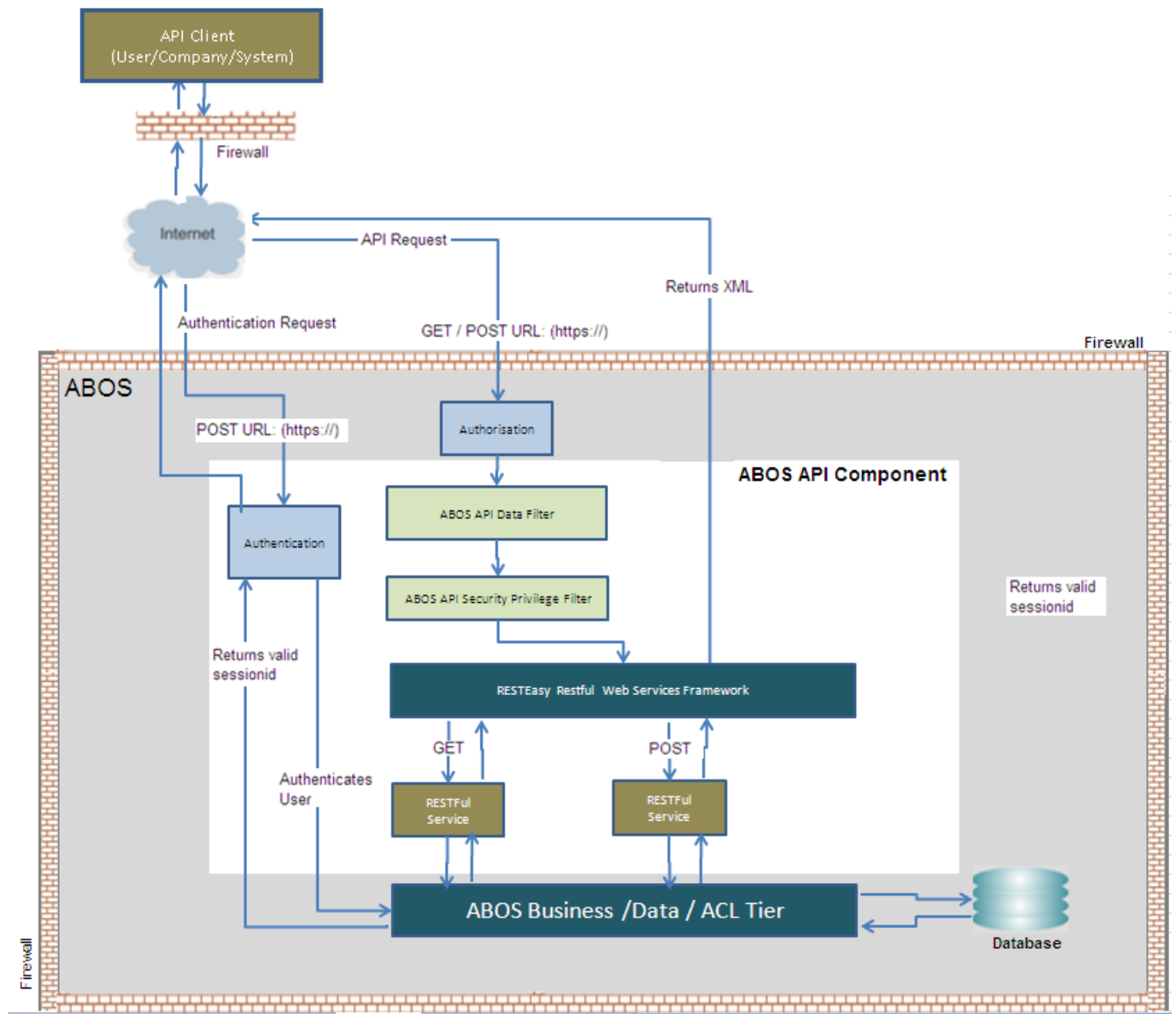
Third Party Systems – Asite APIs can easily integrate with Third Party solutions for providing bi-directional information exchange.

To find out more about using the APIs please complete the partner application form here:

https://www.asite.com/partners#join_us

3 Architectural Overview

The following diagrams present an Architectural overview of the Asite API



4 Asite API Services

The Asite API Services support the following functions:

1. Create – This function can create new data within ABOS platform
2. Search – This function retrieves and returns data from the ABOS platform.
3. Update – This functions updates the data within ABOS platform
4. Deactivate / Reactivate – This function deactivates the appropriate objects available within ABOS platform. Asite does not provide ability to delete any data within the platform. Appropriate objects can only be deactivated which can be reactivated later as requested by Administrators.

The diagram below lists the API Services currently available across various Business Objects in the ABOS Platform.

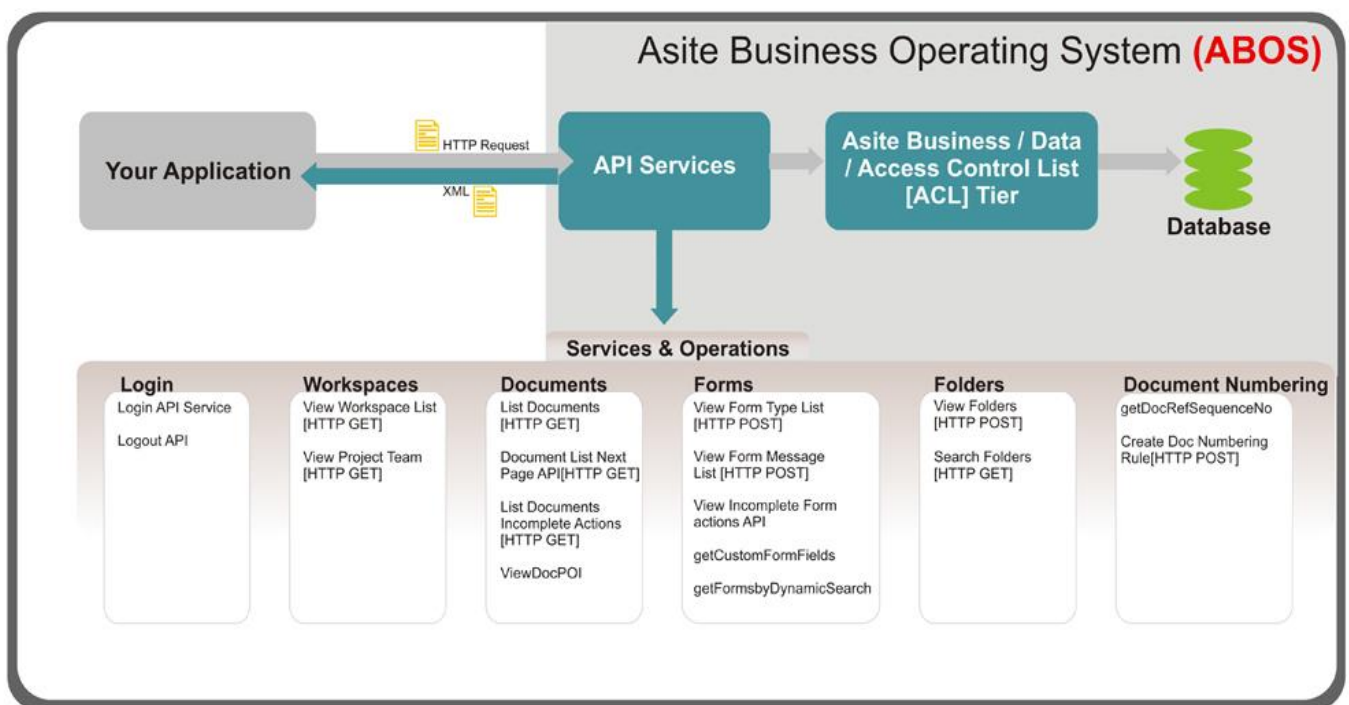


Figure 4 – Asite API Services Current Function List



The diagram below list the API Services being planned as part of future roadmap to be developed and added to the ABOS Platform on regular intervals

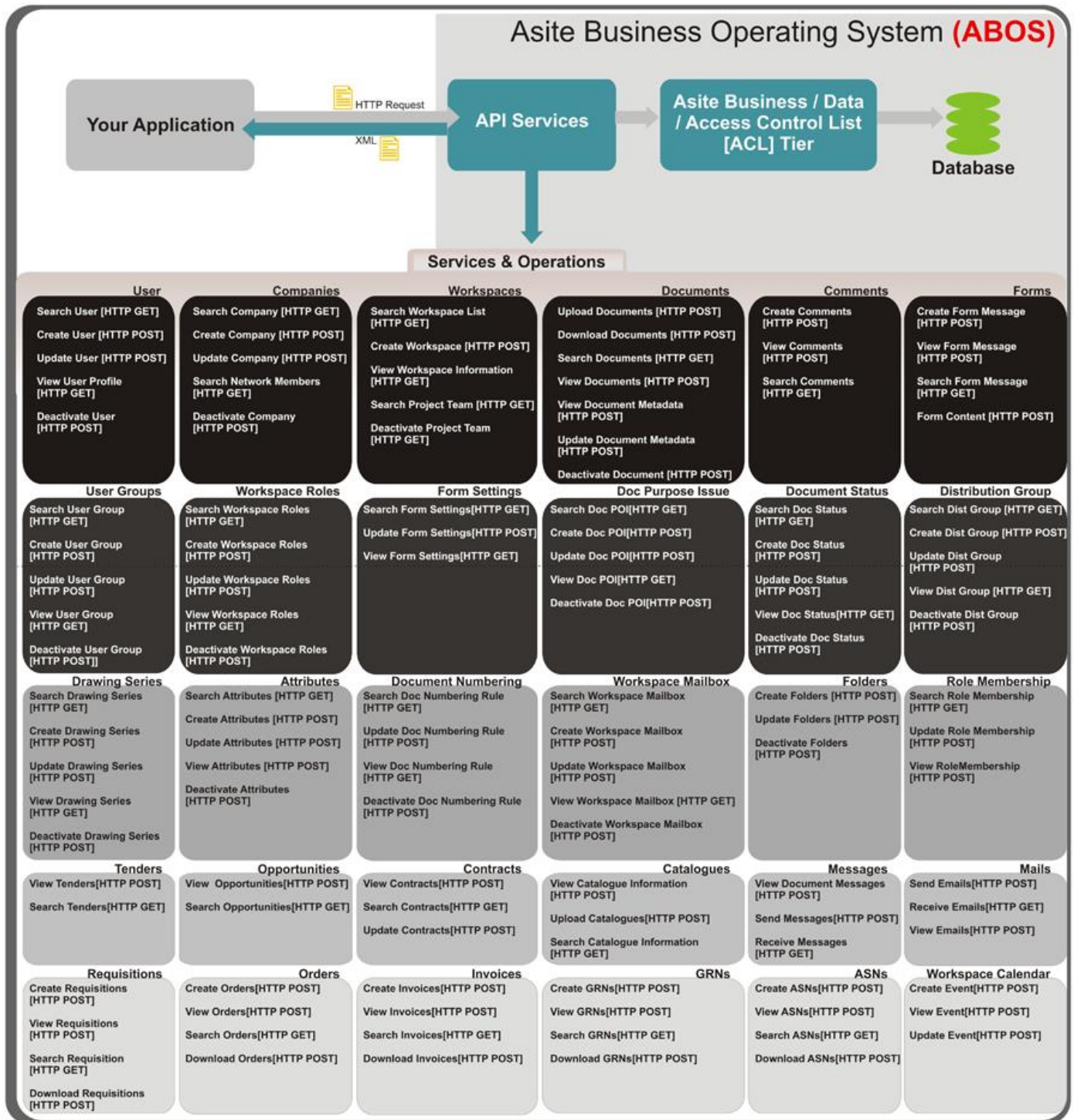


Figure 5 – Asite API Services Function List in progress



5 Asite API Library

Asite API library lists all API Business Objects and Services which are currently available.

Asite API library is constantly being extended for new Business Objects and Services on a regular basis enabling users to obtain information from the Asite Platform with ease.

5.1 REST Based API Functions

The table below lists the REST Based API functions with a brief description:

Sr. No.	API Function Name	Details
1.	Login API Service	User will need to login to Asite platform before making any API call to retrieve data.
2.	Workspace List API Service	Returns an XML with a list of Workspaces the logged in user has access to along with URIs to retrieve team directory, list of folder for individual workspaces and the list of Form Types assigned to the workspace (to which the logged user has access to).
3.	Workspace Team Directory API	Returns an XML with a list of users having access with roles to the workspace.
4.	Workspace Folder List API	Returns an XML with a list of folders within a Workspace with a URI to retrieve documents list and list of incomplete doc items within the workspace.
5.	Document List API Service	Returns an XML with a list of documents (first 250 documents) within a folder along with document Attribute. Function also returns a URI for retrieving next set of 250 documents within the folder.
6.	Document List Next Page API	Returns an XML with next set of 250 documents within the folder along with document Attribute. Function also returns a URI for retrieving next set of 250 documents within the folder.
7.	Form Type List API	Returns the detailed list of Form types assigned to the workspace with URI for retrieving form details for
8.	Forms List API	Returns a detailed list of Forms for a Form type within a specified workspace that the logged in user has access to.
9.	Incomplete Form actions API	Returns XML with details of the logged in user's incomplete actions on the forms for a Form Type
10.	Publish Document	Publishes a document to a given Workspace Folder and returns the Document Revision access link
11.	Folder Details	Returns an XML that contains the details of the workspace folders that the user has access to.
12.	Create Folder	Allows creation of a folder within a Workspace and assign permissions on the folder.
13.	Update Folder	Allow to update folders name and permission of a specified Workspace folder
14.	Doc Access Details List	Return an XML with list of Access Detail of user selected Document



15.	Create Workspace	Creates a workspace with user specified details and returns XML string which contains the newly created workspace id and its success/failure status message.
16.	Create Workspace Template	Creates a workspace template with user specified details and returns XML string which contains the newly created workspace template_id and its success/failure status message.
17.	Save Additional Details API Service	Saves the Additional details of Workspace
18.	Assign Companies to workspace API Service	Assigns Companies to Workspace
19.	Assign Administrators to Workspace API Service	Assigns Administrators to Workspace
20.	Save Workspace Settings API service	Save All Workspace Settings
21.	Create Asite Organisation	Creates an organisation with user specified details and returns XML string which contains the newly created organisation_id and its success/failure status message.
22.	Create Asite User	Creates a user with user specified details and returns XML string which contains the newly created user_id and its success/failure status message.
23.	Get Country List for Portal API Service	Returns the Country list
24.	Link Document	Creates a link document with user specified details and returns XML string which contains the newly created link document_id and its success/failure status message.
25.	Import Document Access History	Creates a document access action record with user specified details and returns XML string which contains the newly created document access_id and its success/failure status message.
26.	Workspace Users List API Service	Returns list of active Users assigned to Workspace
27.	Workspace Roles API Service	Returns list of User Roles active in a Workspace
28.	Workspace POI (Purpose of Issue) List API Service	Returns list of Purpose of Issue values available in a Workspace
29.	Workspace DocStatus List API Service	Returns list of Document Status values available in a Workspace
30.	Workspace DrawingSeries List API Service	Returns list of Drawing Series assigned In a Workspace
31.	Organisation List API Service	Returns list of active Organisations registered in Asite
32.	Organisation User List API Service	Returns list of Active/All Users registered in Asite and associated to an Organisation
33.	ApplicationType List API Service	Returns list of available Application Types



34.	DataCenter List API Service	Returns list of available Data Centres for Workspace creation
35.	Workspace Status Type API Service	Returns Types of Workspace Statuses used in Workspace update.
36.	Workspace Subscription Type API Service	Returns list of Subscription Types available for Workspace creation / editing
37.	Workspace Branding List API Service	Returns list of available Branding IDs for assigning to a Workspace
38.	PaperSize List API Service	Returns list of Paper Size values for assignment during Document publish.
39.	Available Attributes for Workspace API Service	Returns list of active attributes available in Workspace
40.	Project Phases API Service	Returns list of Project Phases for definition while creating / editing a Workspace
41.	Country List API Service	Returns list of Country names for definition while creating / editing a Workspace
42.	Region List for Country API Service	Returns list of Region names for definition while creating / editing a Workspace
43.	Workspace Setting Sort Options API Service	Returns list of active Document List Sort Options, Document Basket Sort Options, Document Distribution Report Sort Options, Form List Sort Options, Form Basket Sort Options, Form Distribution Report Sort Options, Comment Register Sort Options.
44.	Workspace UserGroup List API	Returns list of active User Groups accessible to User
45.	Create Workspace Role API	Allows to create a new Workspace Role
46.	Assign/Remove Users Workspace Role API	Allows to Assign/Remove users from Workspace Role
47.	Action list for Audit trail API service	Returns list of Audit Trail action names
48.	Get User By Email Address API Service	Returns list of users matching the Email address
49.	Logout API	Used for logging out and returns the status of logout – whether the user was able to successfully logout of the application
50.	Forms Data Object List API	Returns the data object List of forms for the given user.
51.	Document Search API	It returns a list of documents based on specified criteria provided in JSON format.
52.	Document Download API	Download specific document
53.	Document Status change API	Allow to change the status of a document within a Workspace
54.	Update Asite User API	Allow to update details of Asite user.
55.	Workspace clone API	Allow to clone the workspace from workspace template



56.	User projects and role details API	Returns provided User's projects along with roles details.
57.	Form Search API	Returns a list of forms based on specified criteria provided in JSON format.
58.	Task Search API	Returns a list of tasks (Documents/Forms) based on specified criteria in JSON.
59.	Link Type Update API	Allow to update link type of Linked Files.



6 Using REST based API Functions

Please refer section 8 around usage rules before attempting to use these APIs

6.1 Login API Service

This API is used to login and create a session on Asite

Usage Rules

Use the following cURL command to Login to API application

```
curl --data "emailId=ID@asite.com&password=<pwd001>" --cacert "<certificate  
filepath>\AsiteAPI.cer" https://dms.asite.com/apilogin/
```

E.g. curl --data "emailId=jharkhani@asite.com&password=password01" --cacert "C:\curl-7.19.5-win32-ssl-sspi\curl-7.19.5\AsiteAPI.cer" <https://dms.asite.com/apilogin/>

Input Parameters

Parameter Name	Description
emailId	Email ID used for logging on to Asite Platform
password	Password for login
--cacert	Asite certificate file path
https://dms.asite.com/apilogin/	URI to login

- ➔ Replace the text in blue including "<>" with required data as follows:
- ➔ Extract the session id from the xml of the login API Call <Sessionid> tag from the resultant xml (login.xml in the sample specified in snapshot)

Sample Return Xml

This will return the login details and the URI for the workspace list that the logged in user has access to, in XML format as follows:

```
<?xml version="1.0" encoding="UTF-8"?>
<UserProfile>
  <UserID>844264$$SjRRe2</UserID>
  <User_emailid>jharkhani@asite.com</User_emailid>
  <User_FName>Jay</User_FName>
  <User_Name>Jay Harkhani</User_Name>
  <User_Screenname>jharkhani</User_Screenname>
  <Organisation>Asite Solutions Ltd</Organisation>
  <OrganisationId>3$$JYzInZ</OrganisationId>
  <Sessionid>Bt2XzJEKI4DDizWh5V5CP6pa8McZUk9ix5muJtsA788=</Sessionid>
  <SessionTimeoutDuration>360</SessionTimeoutDuration>
  <UserSubscriptionId>1</UserSubscriptionId>
  <subscriptionPlanId>2</subscriptionPlanId>
  <eGRNTimeoutDuration>0</eGRNTimeoutDuration>
  <language>en_GB</language>
  <URI>https://dmsak.asite.com/api/workspace/workspacelist</URI>
  <URI>https://dmsak.asite.com/api/workspace/bimworkspacelist</URI>
  <URI>https://dmsak.asite.com/api/model/modellist</URI>
```



```

<URI>https://dmsak.asite.com/api/model/createmodel</URI>
<URI>https://dmsak.asite.com/api/model/uomlist</URI>
<URI>https://dmsak.asite.com/api/model/bimschemalist</URI>
<URI>https://dmsak.asite.com/api/model/properties</URI>
<URI>https://dmsak.asite.com/api/workspace/logout</URI>
<URI>https://dmsak.asite.com/api/create/createWorkspace</URI>
<URI>https://dmsak.asite.com/api/workspace/workspacebrandinglist</URI>
<URI>https://dmsak.asite.com/api/view/getAllViewDetail</URI>
<URI>https://dmsak.asite.com/api/view/getAllViewThumbnail</URI>
<URI>https://dmsak.asite.com/api/view/getHSFForView</URI>
<URI>https://dmsak.asite.com/api/view/getAllTileImagesOfModel</URI>
<URI>https://dmsak.asite.com/api/collateral/getorglist</URI>
<URI>https://dmsak.asite.com/api/collateral/getUserListForOrg</URI>
<URI>https://dmsak.asite.com/api/collateral/getApplicationTypes</URI>
<URI>https://dmsak.asite.com/api/collateral/getDataCenterList</URI>
<URI>https://dmsak.asite.com/api/collateral/getWorkspaceStatusList</URI>
<URI>https://dmsak.asite.com/api/collateral/getWorkspaceSubscriptionType</URI>
<URI>https://dmsak.asite.com/api/collateral/getWorkspaceSettingSortOption</URI>
<URI>https://dmsak.asite.com/api/collateral/getProjectPhaseTypes</URI>
<URI>https://dmsak.asite.com/api/collateral/getCountryList</URI>
<URI>https://dmsak.asite.com/api/collateral/getRegionListforCountry</URI>
<URI>https://dmsak.asite.com/api/collateral/getActionListForAuditTrail</URI>
<URI>https://dmsak.asite.com/api/portal/createUser</URI>
<URI>https://dmsak.asite.com/api/portal/updateUser</URI>

```

```

<URI>https://dmsak.asite.com/api/portal/createOrganization/amhhcmttoYW5pQGFzaXRILmNvbTpKQHkxMjM0
NTY=</URI>

```

```

<URI>https://dmsak.asite.com/api/portal/getCountryListForPortal</URI>
<URI>https://dmsak.asite.com/api/collateral/getUserProfileByEmailId</URI>
<URI>https://adoddleak.asite.com/commonapi/workspace/saveClonedWorkspace</URI>
<URI>https://adoddleak.asite.com/commonapi/user/getUserWorkspaceAndRoleByUserId</URI>
<URI>https://dmsak.asite.com/api/collateral/getOrgsWithDomain</URI>
<URI>https://adoddleak.asite.com/commonapi/documentsearchapi/search</URI>
<URI>https://adoddleak.asite.com/commonapi/formsearchapi/search</URI>
<URI>https://adoddleak.asite.com/commonapi/manageAttribute/updateAttributeValues</URI>
<URI>https://adoddleak.asite.com/commonapi/tasksearchapi/search</URI>

```

```

<UserImageName>https://www.asite.com/profilefiles/member_photos/photo_844264.jpg?v=2015-06-09
06:55:35.62</UserImageName>
</UserProfile>

```

Schema (XSD) of the Return XML

```

<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified">
  <xs:element name="UserProfile">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="UserID"/>
        <xs:element ref="User_emailid"/>
        <xs:element ref="User_FName"/>
        <xs:element ref="User_Screenname"/>
        <xs:element ref="Organisation"/>
        <xs:element ref="OrganisationId"/>
        <xs:element ref="Sessionid"/>
        <xs:element maxOccurs="2" ref="URI"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="UserID" type="xs:string"/>
  <xs:element name="User_emailid" type="xs:string"/>
  <xs:element name="User_FName" type="xs:NCName"/>
  <xs:element name="User_Screenname" type="xs:NCName"/>
  <xs:element name="Organisation" type="xs:string"/>
  <xs:element name="OrganisationId" type="xs:string"/>

```




```
<xs:element name="Sessionid" type="xs:string"/>
<xs:element name="URI" type="xs:anyURI"/>
</xs:schema>
```

- ➔ Copy the session id from the data returned for further API calls.
- ➔ The URI tags carry the URL for the API call that can be made after login

Returned Member URL Resources

- ➔ <URI>https://dms.asite.com/api/workspace/workspacelist</URI> is the URL you use to return list of workspaces
- ➔ <URI>https://dms.asite.com/api/workspace/logout</URI> is the URL you use to logout

Default Fields Returned

The above XML returns the following values using the login API function call:

Field Name	Description
UserID	Returns the database id of the user
User_emailid	Returns the email id of the user
User_FName	Returns the first name of the User
User_Screenname	Returns the screen name as specified by user in My Account
Organisation	Returns the Organisation name associated with the user
OrganisationId	Returns the OrganisationId associated with the user
sessionID	Returns the dynamic sessionID generated by Asite

Note: The steps listed here are outline of general logic that needs to be used in conjunction with the business logic of each application being developed.

6.2 Workspace List API Service

The Workspace API returns a list of projects a logged in user has access to. Extract the session id from the xml of the login API Call <Sessionid> tag from the resultant xml to execute the Workspace List API Service.

Usage Rules

- ➔ User must be logged in to Asite Platform using Login API Function
- ➔ Use the following cURL command to list Workspaces of the specified user

curl --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call> <URI tag value for workspacelist API call from the resultant XML of Login API call >

Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path



ASessionID	session ID from the resultant XML of Login API call>
<URI>	URI tag value for workspacelist API call from the resultant XML of Login API call

Note: Replace the text in BLUE including "<>" with the data required as follows

```

Administrator: C:\Windows\system32\cmd.exe

C:\CURL\Live\curl-7.19.5>WorkspaceList.bat

C:\CURL\Live\curl-7.19.5>curl --cacert "C:\CURL\curl-7.19.5\ca-cert.cer" --cookie ASessionID="uDt068RpRZWQCcZTUcfhZoryEcOTYTyEii1Svq1EKw=" https://dmsak.asite.com/api/workspace/workspacelist 1>WorkspaceList.xml
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
           %             %         Dload  Upload   Total   Spent    Left   Speed
100  229k    0  229k    0    0  91430      0  --:--:--  0:00:02  --:--:-- 108k

C:\CURL\Live\curl-7.19.5>

```

Sample Return XML

This will return the workspace list that the logged in user has access to and the URIs for the API calls that can be made after workspace list API call has been made in <URI> tag in the resultant xml as follows:

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<asiteDataList>
  <workspaceVO BIM="false">
    <Workspace_Id>74694$$$GgGwwk</Workspace_Id>
    <Workspace_Name> Scrutton Street Development</Workspace_Name>
    <Installed_Application>Document, Workflow & Forms Manager</Installed_Application>
    <Client>Asite Solutions Ltd</Client>
    <Workspace_Status>Open</Workspace_Status>
    <Workspace_Subscription>Subscription based</Workspace_Subscription>
    <Start_Date>27-Nov-2013</Start_Date>
    <IsUserSubscribed>true</IsUserSubscribed>
    <IsSubscriptionBased>true</IsSubscriptionBased>
    <userSubscriptionType>Subscribed</userSubscriptionType>
    <URI>https://dmsak.asite.com/api/workspace/74694$$$GgGwwk/folders</URI>
    <URI>https://dmsak.asite.com/api/workspace/74694$$$GgGwwk/teamdirectory/-1/-1$$$Qj7r0b</URI>
    <URI>https://dmsak.asite.com/api/workspace/74694$$$GgGwwk/form/formtypelist</URI>
    <URI>https://dmsak.asite.com/api/workspace/74694$$$GgGwwk/createWorkspaceRole</URI>
    <URI>https://dmsak.asite.com/api/workspace/74694$$$GgGwwk/getFolderPermissionList</URI>
    <URI>https://adoddleak.asite.com/commonapi/role/74694$$$GgGwwk/AssignWorkspaceRole</URI>
    <URI>https://dmsak.asite.com/api/workspace/74694$$$GgGwwk/getWorkspaceUserGroup</URI>
    <URI>https://dmsak.asite.com/api/collateral/74694$$$GgGwwk/getWorkspaceUsers</URI>
    <URI>https://dmsak.asite.com/api/collateral/74694$$$GgGwwk/getWorkspaceRoles</URI>
    <URI>https://dmsak.asite.com/api/collateral/74694$$$GgGwwk/getpoiForWorkspace</URI>
    <URI>https://dmsak.asite.com/api/collateral/74694$$$GgGwwk/getDocStatusForWorkspace</URI>
    <URI>https://dmsak.asite.com/api/collateral/74694$$$GgGwwk/getDrawingSeriesForWorkspace</URI>
    <URI>https://adoddleak.asite.com/commonapi/batchPrint/74694$$$GgGwwk/batchPrintProcess</URI>
    <URI>https://adoddleak.asite.com/commonapi/document/updateLinkType</URI>
  </workspaceVO>
</asiteDataList>

```



```

<clientOrgID>3</clientOrgID>
<projStartSQLDate>1385510400000</projStartSQLDate>
<projFinishSQLDate>0</projFinishSQLDate>
<numUnreadDocs>0</numUnreadDocs>
<numUnreadForms>0</numUnreadForms>
<numUnreadComments>0</numUnreadComments>
<logo_notes>project74694_BSL_001_Niven_Render.jpg</logo_notes>
<space_type_id>1$$qBd7tB</space_type_id>
<p_space_type_id>1</p_space_type_id>
<defaultViewerID>1</defaultViewerID>
<defaultViewerName>Java Viewer</defaultViewerName>
<shortSpaceTypeName>PWF</shortSpaceTypeName>
<projectFavFlag>true</projectFavFlag>
<canAccessWithoutSubscription>>false</canAccessWithoutSubscription>
<demoOrganization>>false</demoOrganization>
<apdFolderId>0</apdFolderId>
<dataCenterId>1</dataCenterId>
<isAkamaiAccelerationON>>false</isAkamaiAccelerationON>
<workspaceTypeId>0$$TYCgr1</workspaceTypeId>
<templateProjectId>0$$tesdTM</templateProjectId>
<collabUrl>https://dmsak.asite.com/api</collabUrl>
<adoddleUrl>https://adoddleak.asite.com/</adoddleUrl>
<numOverdueActionForms>0</numOverdueActionForms>
<cdnType>1</cdnType>
</workspaceVO>
</asiteDataList>

```

Schema (XSD) of the Return XML

```

<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified">
  <xs:element name="asiteDataList">
    <xs:complexType>
      <xs:sequence>
        <xs:element maxOccurs="unbounded" ref="workspaceVO"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="workspaceVO">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="Workspace_Id"/>
        <xs:element ref="Workspace_Name"/>
        <xs:element ref="Installed_Application"/>
        <xs:element ref="Client"/>
        <xs:element ref="Workspace_Status"/>
        <xs:element ref="Workspace_Subscription"/>
        <xs:sequence minOccurs="0">
          <xs:element ref="Start_Date"/>
          <xs:element ref="End_Date"/>
        </xs:sequence>
        <xs:element ref="PostCode"/>
        <xs:element minOccurs="0" ref="Tags"/>
        <xs:element maxOccurs="unbounded" ref="URI"/>
      </xs:sequence>
      <xs:attribute name="BIM" use="required" type="xs:boolean"/>
    </xs:complexType>
  </xs:element>
  <xs:element name="Workspace_Id" type="xs:int"/>
  <xs:element name="Workspace_Name" type="xs:string"/>
  <xs:element name="Installed_Application" type="xs:string"/>
  <xs:element name="Client" type="xs:string"/>
  <xs:element name="Workspace_Status" type="xs:NCName"/>
  <xs:element name="Workspace_Subscription" type="xs:string"/>
  <xs:element name="Start_Date" type="xs:NMTOKEN"/>

```



```

<xs:element name="End_Date" type="xs:NMTOKEN"/>
<xs:element name="PostCode" type="xs:string"/>
<xs:element name="Tags">
  <xs:complexType/>
</xs:element>
<xs:element name="URI" type="xs:anyURI"/>
</xs:schema>

```

Returned Member URL Resources

- ➔ <URI> [https://dms.asite.com/api/workspace/3\\$\\$\\$mHqrFB/folders](https://dms.asite.com/api/workspace/3$$$mHqrFB/folders)</URI> is the URL you use to return list of Folders within the Workspace
- ➔ <URI>[https://dms.asite.com/api/workspace/3\\$\\$\\$mHqrFB/teamdirectory//-1/-1\\$\\$\\$5triv9](https://dms.asite.com/api/workspace/3$$$mHqrFB/teamdirectory//-1/-1$$$5triv9)</URI> is the URL you use to return team Directory of the Workspace
- ➔ <URI>[https://dms.asite.com/api/workspace/308\\$\\$\\$mHqrFB/form/formtypelist](https://dms.asite.com/api/workspace/308$$$mHqrFB/form/formtypelist)</URI> is the URL you use to return list of form types within the workspace
- ➔ <URI>[https://dmsak.asite.com/api/workspace/74694\\$\\$\\$GgGwwk/createWorkspaceRole](https://dmsak.asite.com/api/workspace/74694$$$GgGwwk/createWorkspaceRole)</URI> is the URL you use to create Workspace Role
- ➔ <URI>[https://adoddleak.asite.com/commonapi/role/74694\\$\\$\\$GgGwwk/AssignWorkspaceRole](https://adoddleak.asite.com/commonapi/role/74694$$$GgGwwk/AssignWorkspaceRole)</URI> is the URL you use to assign Workspace Role.
- ➔ <URI>[https://dmsak.asite.com/api/workspace/74694\\$\\$\\$GgGwwk/getWorkspaceUserGroup](https://dmsak.asite.com/api/workspace/74694$$$GgGwwk/getWorkspaceUserGroup)</URI> is the URL you use to return User Group of Workspace.
- ➔ <URI>[https://dmsak.asite.com/api/collateral/74694\\$\\$\\$GgGwwk/getWorkspaceUsers](https://dmsak.asite.com/api/collateral/74694$$$GgGwwk/getWorkspaceUsers)</URI> is the URL you use to return Users of Workspace.
- ➔ <URI>[https://dmsak.asite.com/api/collateral/74694\\$\\$\\$GgGwwk/getWorkspaceRoles](https://dmsak.asite.com/api/collateral/74694$$$GgGwwk/getWorkspaceRoles)</URI> is the URL you use to return Roles of Workspace.
- ➔ <URI>[https://dmsak.asite.com/api/collateral/74694\\$\\$\\$GgGwwk/getpoiForWorkspace](https://dmsak.asite.com/api/collateral/74694$$$GgGwwk/getpoiForWorkspace)</URI> is the URL you use to return POI of Workspace.
- ➔ <URI>[https://dmsak.asite.com/api/collateral/74694\\$\\$\\$GgGwwk/getDocStatusForWorkspace](https://dmsak.asite.com/api/collateral/74694$$$GgGwwk/getDocStatusForWorkspace)</URI> is the URL you use to return Document Status of Workspace.
- ➔ <URI>[https://dmsak.asite.com/api/collateral/74694\\$\\$\\$GgGwwk/getDrawingSeriesForWorkspace](https://dmsak.asite.com/api/collateral/74694$$$GgGwwk/getDrawingSeriesForWorkspace)</URI> is the URL you use to return Drawing Series of Workspace.
- ➔ <URI><https://adoddleak.asite.com/commonapi/document/updateLinkType></URI> is the URL you use to update Link type of Linked documents.

Default Fields Returned

- ➔ The above XML returns following values using Workspace List API function call (as per sessionID information sent):

Field Name	Description
Workspace_Id	Returns the hashed Id of the Workspace
Workspace_Name	Returns the name of the Workspace
Installed_Application	Returns the name of the Installed Application
Client	Returns the name of the Workspace Client
Workspace_Status	Returns the status of the Workspace
Workspace_Subscription	Returns the value of Workspace Subscription



PostCode	Returns the Post Code specified in Address of the Workspace
Tags	Returns the tags specified in the Workspace
Start-Date	Returns the Workspace start date
End-Date	Returns the workspace end date



6.3 Workspace Team Directory API Service

Workspace Team Directory API returns a Workspace Team Directory (List of users having access with roles to the workspace). Extract the session id from the xml of the login API Call <Sessionid> tag from the resultant xml to execute Workspace Team Directory API Service

Usage Rules

- ➔ User must have been logged in to Asite Platform using Login API
- ➔ User must have executed Workspace list API to get the URI for team directory
- ➔ Use the following cURL command to view the Workspace Team Directory

curl --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call>" <URI tag value for teamdirectory API call from the resultant XML of workspacelist API call>

Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call>
<URI>	URI tag value for teamdirectory API call from the resultant XML of workspacelist API call

```

Administrator: C:\Windows\system32\cmd.exe - Team_Directory.bat

C:\CURL\Live\curl-7.19.5>Team_Directory.bat

C:\CURL\Live\curl-7.19.5>curl --cacert "C:\CURL\curl-7.19.5\ca-cert.cer" --cookie ASessionID="uDt068RpRZWQCcZTUcfhZoryEcOTYTyEii1Sug1EKw=" https://dmsak.asite.com/api/workspace/33255QpUH46/teamdirectory/-1/-155GWu7gs 1>Team_Directory.xml
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
           %             %             Dload  Upload   Total   Spent    Left   Speed
100 51669    0 51669    0     0  22080      0 --:--:--  0:00:02 --:--:-- 27151

C:\CURL\Live\curl-7.19.5>pause
Press any key to continue . . .
  
```

Sample Return Xml

This will return Team Directory of the specified workspace. The resultant data would be similar to the text as follows:

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<teamDirTO>
```




```

<Workspace_Name> EA CA </Workspace_Name>
<teamDirVO>
  <User_Name>Sharmista Jain</User_Name>
  <User_FName>Sharmista</User_FName>
  <User_LName>Jain</User_LName>
  <Organisation>Asite Solutions Ltd.</Organisation>
  <WorkspaceRole>Workspace - Administrator</WorkspaceRole>
  <Telephone></Telephone>
  <Emailid>sjain@asite.com</Emailid>
</teamDirVO>
<teamDirVO>
  <User_Name>SR</User_Name>
  <User_FName>SR</User_FName>
  <User_LName>Gore</User_LName>
  <Organisation>Asite Solutions Ltd.</Organisation>
  <WorkspaceRole>Workspace - Administrator, Consultant</WorkspaceRole>
  <Telephone></Telephone>
  <Emailid>sgore@asite.com</Emailid>
</teamDirVO>
<teamDirVO>
  <User_Name>TC Bloggs</User_Name>
  <User_FName>TC</User_FName>
  <User_LName>Bloggs</User_LName>
  <Organisation>TC Test Company Ltd</Organisation>
  <WorkspaceRole>Consultant</WorkspaceRole>
  <Telephone></Telephone>
  <Emailid>tc_tctestorg1@tc_testorg1.com</Emailid>
</teamDirVO>
</teamDirTO>

```

Schema (XSD) of the Return XML

```

<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified">
  <xs:element name="teamDirTO">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="Workspace_Name"/>
        <xs:element maxOccurs="unbounded" ref="teamDirVO"/>
      </xs:sequence>
    </xs:complexType></xs:element>
  <xs:element name="Workspace_Name" type="xs:string"/>
  <xs:element name="teamDirVO">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="User_Name"/>
        <xs:element ref="User_FName"/>
        <xs:element ref="User_LName"/>
        <xs:element ref="Organisation"/>
        <xs:element ref="WorkspaceRole"/>
        <xs:element ref="Telephone"/>
        <xs:element ref="Emailid"/>
      </xs:sequence>
    </xs:complexType></xs:element>
  <xs:element name="User_Name" type="xs:string"/>
  <xs:element name="User_FName" type="xs:NCName"/>
  <xs:element name="User_LName" type="xs:NCName"/>
  <xs:element name="Organisation" type="xs:string"/>
  <xs:element name="WorkspaceRole" type="xs:string"/>
  <xs:element name="Telephone" type="xs:string"/>
  <xs:element name="Emailid" type="xs:string"/>
</xs:schema>

```

Default Fields Returned



➔ The above XML returns the following values using the Team Directory API function call (as per sessionID information sent):

FieldName	Description
Workspace_Name	Returns the name of the Workspace
User_Name	Returns the name of the user assigned to workspace
User_FName	Returns the first name of the User
User_LName	Returns the last name of the User
Organisation	Returns the organisation of the user
WorkspaceRole	Returns the workspace roles of the user assigned. Returns multiple roles as comma separated
Telephone	Returns the Telephone number of the user assigned to workspace
Emailid	Returns the Email address of the user assigned to workspace.



6.4 Workspace Folder List API Service

Workspace Folder List API returns a list of folders within a Workspace. Extract the session id from the xml of the login API Call <Sessionid> tag from the resultant xml of Login API and URI tag for Workspace Folders from Workspace List API to execute Workspace Folder List API Service.

Extract the session id from the xml of the login API Call <Sessionid> tag from the resultant xml

Usage Rules

- ➔ User must have been logged in to Asite Platform using Login API Function
- ➔ User must have executed Workspace list API to get the URI for Folder List
- ➔ Use the following cURL command to list the Workspace Folders

Curl `--data "includeDeactivatedFolders=<true/false>" --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call> <URI tag value for folders API call from the resultant XML of workspacelist API call >`

Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call>
<URI>	URI tag value for folders API call from the resultant XML of workspacelist API call
includeDeactivatedFolders	true - for include deactivated folders in List. false - return only activate folders list.

```

C:\WINDOWS\system32\cmd.exe

D:\api>curl --data "includeDeactivatedFolders=false" --insecure --cacert ".\ak_api.cer" --cookie ASessionID="osYX8ZHMNU5FQQGm8WK12qg8uD2R8SnYDoUY0dNjw6I=" https://dmsak.qa.asite.com/api/workspace/2061092$$k0Ni06/folders 1>WorkspaceFolderList.xml
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left   Speed
100 38821    0 38790  100    31  26138      0  0:00:01  0:00:01 --:--:-- 26138

D:\api>pause
Press any key to continue . . .
  
```



Sample Return Xml

This will return details of active folders within a specific project a logged in user has access to and the URIs for the API calls that can be made after workspace folder list API call has been made in <URI> tag in the resultant xml as follows:

```
<?xml version="1.0" encoding="UTF-8"?>
<asiteDataList>
  <folderVO>
    <FolderName>All Workspace Documents</FolderName>
    <FolderID>5157596$$t36agC</FolderID>
    <ParentFolderID>0$$asokdX</ParentFolderID>
    <IsMappedWithWorkset>false</IsMappedWithWorkset>
    <permissionId>2</permissionId>
    <IsActive>true</IsActive>
    <URI>https://dmsak.asite.com/api/workspace/2061092$$k0Ni06/folder/5157596$$t36agC/firstpage_doclist</URI>
    <URI>https://dmsak.asite.com/api/workspace/2061092$$k0Ni06/folder/5157596$$t36agC/firstpage/incompleteactiondoclist</URI>
    <URI>https://dmsak.asite.com/api/workspace/2061092$$k0Ni06/folder/5157596$$t36agC/createnewfolder</URI>
    <URI>https://dmsak.asite.com/api/workspace/2061092$$k0Ni06/folder/5157596$$t36agC/papersizelist</URI>
    <URI>https://dmsak.asite.com/api/workspace/2061092$$k0Ni06/folder/5157596$$t36agC/getAvailableAttributes</URI>
    <URI>https://dmsak.asite.com/api/workspace/2061092$$k0Ni06/folder/5157596$$t36agC/getFolderListForLinking</URI>
  </folderVO>
  <folderVO>
    <FolderName>250 upload</FolderName>
    <FolderID>5729574$$IQcVf6</FolderID>
    <ParentFolderID>5157596$$t36agC</ParentFolderID>
    <IsMappedWithWorkset>false</IsMappedWithWorkset>
    <permissionId>4</permissionId>
    <IsActive>true</IsActive>
    <URI>https://dmsak.asite.com/api/workspace/2061092$$k0Ni06/folder/5729574$$IQcVf6/firstpage_doclist</URI>
    <URI>https://dmsak.asite.com/api/workspace/2061092$$k0Ni06/folder/5729574$$IQcVf6/firstpage/incompleteactiondoclist</URI>
    <URI>https://dmsak.asite.com/api/workspace/2061092$$k0Ni06/folder/5729574$$IQcVf6/upload</URI>
    <URI>https://dmsak.asite.com/api/workspace/2061092$$k0Ni06/folder/5729574$$IQcVf6/folderdetails</URI>
    <URI>https://dmsak.asite.com/api/workspace/2061092$$k0Ni06/folder/5729574$$IQcVf6/createnewfolder</URI>
    <URI>https://dmsak.asite.com/api/workspace/2061092$$k0Ni06/folder/5729574$$IQcVf6/updatefolder</URI>
    <URI>https://dmsak.asite.com/api/workspace/2061092$$k0Ni06/folder/5729574$$IQcVf6/viewpermissionhistory</URI>
    <URI>https://dmsak.asite.com/api/workspace/2061092$$k0Ni06/folder/5729574$$IQcVf6/getFolderListForLinking</URI>
    <URI>https://dmsak.asite.com/api/workspace/2061092$$k0Ni06/folder/5729574$$IQcVf6/LinkDocument</URI>
    <URI>https://dmsak.asite.com/api/workspace/2061092$$k0Ni06/folder/5729574$$IQcVf6/docstatuschange</URI>
    <URI>https://portal.asite.com/da/notification?action_id=413&nlid=1_10_2061092_5729574$$w0YaVJ</URI>
  </folderVO>
  <folderVO>
    <FolderName>250 Upload - 2</FolderName>
    <FolderID>5729594$$oFmI8F</FolderID>
    <ParentFolderID>5729574$$IQcVf6</ParentFolderID>
    <IsMappedWithWorkset>false</IsMappedWithWorkset>
    <permissionId>4</permissionId>
```



```

</IsActive>true</IsActive>

  <URI>https://dmsak.asite.com/api/workspace/2061092$$$k0Ni06/folder/5729594$$$oFml8F/firstpage_do
clist</URI>
  <URI>https://dmsak.asite.com/api/workspace/2061092$$$k0Ni06/folder/5729594$$$oFml8F/firstpage/inc
ompleteactiondoclist</URI>
  <URI>https://dmsak.asite.com/api/workspace/2061092$$$k0Ni06/folder/5729594$$$oFml8F/upload</URI>
>
  <URI>https://dmsak.asite.com/api/workspace/2061092$$$k0Ni06/folder/5729594$$$oFml8F/folderdetails
</URI>
  <URI>https://dmsak.asite.com/api/workspace/2061092$$$k0Ni06/folder/5729594$$$oFml8F/createnewfol
der</URI>
  <URI>https://dmsak.asite.com/api/workspace/2061092$$$k0Ni06/folder/5729594$$$oFml8F/updatefolder
</URI>
  <URI>https://dmsak.asite.com/api/workspace/2061092$$$k0Ni06/folder/5729594$$$oFml8F/viewpermissi
onhistory</URI>
  <URI>https://dmsak.asite.com/api/workspace/2061092$$$k0Ni06/folder/5729594$$$oFml8F/getFolderLis
tForLinking</URI>
  <URI>https://dmsak.asite.com/api/workspace/2061092$$$k0Ni06/folder/5729594$$$oFml8F/LinkDocume
nt</URI>
  <URI>https://dmsak.asite.com/api/workspace/2061092$$$k0Ni06/folder/5729594$$$oFml8F/docstatusch
ange</URI>
  <URI>https://portal.asite.com/da/notification?action_id=413&amp;nid=1_10_2061092_5729594$$$oJZG
xU</URI>
  </folderVO>
</folderVO>
</asiteDataList>

```

Schema (XSD) of the Return XML

```

<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified">
  <xs:element name="asiteDataList">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="folderVO"/>
      </xs:sequence>
    </xs:complexType></xs:element>
  <xs:element name="folderVO">
    <xs:complexType>
      <xs:choice minOccurs="0" maxOccurs="unbounded">
        <xs:element ref="folderVO"/>
        <xs:element ref="FolderID"/>
        <xs:element ref="FolderName"/>
        <xs:element ref="ParentFolderID"/>
        <xs:element ref="URI"/>
      </xs:choice>
    </xs:complexType></xs:element>
  <xs:element name="FolderID" type="xs:string"/>
  <xs:element name="FolderName" type="xs:string"/>
  <xs:element name="ParentFolderID" type="xs:string"/>
  <xs:element name="URI" type="xs:anyURI"/>
</xs:schema>

```

Returned Member URL Resources

- ➡ <URI>https://dms.asite.com/api/workspace/7\$\$\$9JzEGx/folder/127749\$\$\$oF6/firstpage_doclist</URI> is the URL you use to return First page of doc List within the Workspace
- ➡ <URI>https://dms.asite.com/api/workspace/7\$\$\$9JzEGx/folder/127749\$\$\$oF6/firstpage/incompleteactiondoclist</URI> is the URL you use to return First page of incomplete actions (doc list) for the logged in user for the Workspace



- ➔ <URI>[https://dms.asite.com/api/workspace/7\\$\\$\\$9J/folder/17991\\$\\$\\$5z/upload](https://dms.asite.com/api/workspace/7$$$9J/folder/17991$$$5z/upload) </URI> is the URL you use to publish document (similar to Simple Upload module) to given Workspace Folder.
- ➔ <URI>[https://dmsak.asite.com/api/workspace/2080042\\$\\$\\$r17d0R/folder/6460507\\$\\$\\$yBQnaQ/createnewfolder](https://dmsak.asite.com/api/workspace/2080042$$$r17d0R/folder/6460507$$$yBQnaQ/createnewfolder)</URI> is the URL you use to create new folder to given Workspace Folder. Use createnewfolder URI of {All Workspace Documents} FolderName to create new folder at workspace level.
- ➔ <URI>[https://dmsak.asite.com/api/workspace/2080042\\$\\$\\$r17d0R/folder/6460507\\$\\$\\$yBQnaQ/updatefolder](https://dmsak.asite.com/api/workspace/2080042$$$r17d0R/folder/6460507$$$yBQnaQ/updatefolder)</URI> is the URL you use to update folder metadata, User/Role permissions and settings of given Workspace folder.
- ➔ <URI>[https://dmsak.asite.com/api/workspace/2080042\\$\\$\\$r17d0R/folder/6460507\\$\\$\\$yBQnaQ/docstatuschange](https://dmsak.asite.com/api/workspace/2080042$$$r17d0R/folder/6460507$$$yBQnaQ/docstatuschange)</URI> is the URL to you use to change the status of documents of given Workspace folder.
- ➔ <URI>[https://portal.asite.com/da/notification?action_id=413&nid=1_10_2080042_6460507\\$\\$\\$2QH0gn](https://portal.asite.com/da/notification?action_id=413&nid=1_10_2080042_6460507$$$2QH0gn)</URI> is the URL you use to access folder directly.

Default Fields Returned

- ➔ The above XML returns the following values using Workspace Folder List API function call (as per sessionID information sent):

Field Name	Description
FolderName	Returns the name of the Document Folder
ParentFolderID	Returns the database id of the parent folder
FolderID	Return folder Id
IsMappedWithWorkset	Return is folder mappend with workset
permissionId	Returns permission Id on folder
IsActive	Returns status of folder (Active/Inactive)



6.5 Document List API Service

The Document List API returns a list of documents in a project folder. Extract session id from the xml of login API Call <Sessionid> tag from the resultant xml of Login API and URI tag for Document List from Workspace List API to execute Folder List API Service.

Extract the session id from the xml of the login API Call <Sessionid> tag from the resultant xml

Usage Rules

- ➔ User must be logged in to Asite Platform using Login API Function
- ➔ User must have executed Workspace Folder List API to get the URI for Documents List
- ➔ Use the following cURL command to list the Documents

```
curl --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call> <URI tag value for First page doc list API call from the resultant XML of folders API call >[?sharelinkoptional_param1=value1& sharelinkoptional_param2=value2]
```

- ➔ Pick up the URI Tag value for the specific folder name for which the document listing is required.
- ➔ Pick up the URI Tag value for the specific folder name for which the incomplete actions document listing is required

Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call>
<URI>	URI tag value for First page doc list API call from the resultant XML of folders API call
generateShareLink	Optional parameter to specify whether to generate document link or not value can be : true : public link false : direct/private link(require login)
showLatestRevision	Optional parameter to specify whether to access latest revision or not for link value can be : true : access latest revision of document false : access revision on which link was created ACCESS can be view/download based on openAndView option
notifyOnDownload	Optional parameter to specify whether to send mail to link creator, when document download using shared link(only receive mail for public link)
openAndView	Optional parameter to specify whether to open document for view or download document when access document using link
expiryAfterDuration	Shared link param which specify unit after that link will expire after specified unit Unit can be h : hours or d : days [1-24] h : after specific hours link will expiry



	[1-n]d : after specific day link will expiry Example : 9d , 10h
expiryAfterViewCnt	Shared link param which specify ACCESS count after that link will expiry Value can be any number greater than 0

Note: expiryAfterDuration and expiryAfterViewCnt only applied if generateShareLink:true and folder level setting **Enable Public Links** sets to true

In case of generateShareLink:true and (expiryAfterDuration or expiryAfterViewCnt) is not specify then it will generate link which never expiry respect to folder level **Enable Public Links** option.

➔ Sample API cURL Call

```
curl --insecure --cacert ".\AsiteAPI.cer" --cookie
ASessionID="vZxHjZXUvYAMSGl7MbVjic4HZcMxeYzjc7Ts2ozu7sg="
"https://dmsak.asite.com/api/workspace/2062764$$49ovl0/folder/7386094$$33YspS/firstpage_doclist
?generateShareLink=true"> firstpage_doclist.xml
```

```

C:\Windows\System32\cmd.exe
Microsoft Windows [Version 6.2.9200]
(c) 2012 Microsoft Corporation. All rights reserved.

D:\api>firstpage_doclist.bat

D:\api>curl --insecure --cacert ".\AsiteAPI.cer" --cookie ASessionID="aEhNbCoOus7RRRVF49Q3egu0gXGL09FzaD1rJKE1RDQ=" "https://dmsak.asite.com/api/workspace/2062449$$TbT6xS/folder/5662461$$4XxQv3/firstpage_doclist?generateShareLink=true" 1>firstpage_doclist.xml

  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left   Speed
100 462k    0 462k    0     0  64885      0  --:--:--  0:00:07 --:--:-- 125k

D:\api>
```

➔ Sample Return Xml(one document)

This will return the details of active documents with latest revisions within a project logged in user has access to and the URIs for the API calls that can be made after workspace folder list API call has been made in <URI> tag in the resultant xml as follows:

```
<?xml version="1.0" encoding="UTF-8"?>
<asiteDataList>
  <URI>https://dmsak.asite.com/api/workspace/2062449$$TbT6xS/folder/nextpage_doclist/2481/2</URI>
  <URI>https://dmsak.asite.com/api/workspace/2062449$$TbT6xS/folder/nextpage_doclist/2481/3</URI>
  <URI>https://dmsak.asite.com/api/workspace/2062449$$TbT6xS/folder/nextpage_doclist/2481/4</URI>
  <documentVO CheckoutStatus="No" isPrivate="No" DocActive="Yes">
    <DocumentTypeId>1</DocumentTypeId>
```




```

<IsLink>>false</IsLink>
<FolderPath>AJ Actions Test Project 10614\ !! ! ASR_001\A0009Test.xls</FolderPath>
<FileType>xls</FileType>
<FileName>A0009Test.xls</FileName>
<HasZipfile>>false</HasZipfile>
<isRevCheckOut>>false</isRevCheckOut>
<isLatestRevCheckOut>>false</isLatestRevCheckOut>
<DocumentId>4190155$$e6ombZ</DocumentId>
<FolderId>5662461$$4XxQv3</FolderId>
<DocRef>A0009Test</DocRef>
<DocTitle>A0009Test</DocTitle>
<IssNo>2</IssNo>
<RevNo>2.0</RevNo>
<RevisionId>5486446$$75WQZm</RevisionId>
<PublisherName>Ajay Parmar</PublisherName>
<PublisherOrg>Asite Solutions Ltd.</PublisherOrg>
<PublishedDate>17-Aug-2015 11:20 IST</PublishedDate>
<PurposeOfIssue>For Change</PurposeOfIssue>
<DocStatus>STATUS_temp</DocStatus>
<FileSize>40KB</FileSize>
<IsLocked>>false</IsLocked>
<FileNameDisplay>A0009Test</FileNameDisplay>
<FileSize>40448</FileSize>
<FolderPermissionValue>0</FolderPermissionValue>
<UserId>0</UserId>
<IsFolderPublic>>false</IsFolderPublic>
<publisherUserId>547745$$RjflZH</publisherUserId>

```

```

<URI>https://dmsak.asite.com/api/workspace/2062449$$TbT6xS/folder/5662461$$4XxQv3/commentinfo/4190155$$e6ombZ</URI>

```

```

<URI>https://dmsak.asite.com/api/workspace/2062449$$TbT6xS/folder/5662461$$4XxQv3/docaccessdetail/4190155$$e6ombZ</URI>

```

```

<URI>https://dmsak.asite.com/api/workspace/2062449$$TbT6xS/folder/5662461$$4XxQv3/importDocumentAccessHistory/4190155$$e6ombZ</URI>

```

```

<URI>https://dmsak.asite.com/api/workspace/2062449$$TbT6xS/folder/5662461$$4XxQv3/downloadDocument/5486446$$75WQZm</URI>

```

```

<URI>https://dmsak.asite.com/api/workspace/2062449$$TbT6xS/folder/5662461$$4XxQv3/downloadDocument/5486446$$75WQZm/5486446</URI>

```

```

<URI>https://adoddle.asite.com/adoddlepublic/dpd/4GR8SK6KXohexpaA</URI>

```

```

<DmCheckOutVO>
    <checkoutUserId>0$$MYI1MS</checkoutUserId>
    <checkoutUserName>null null</checkoutUserName>
    <checkoutOrgname/>
    <dateCheckedOut/>
    <checkoutSuccess>>false</checkoutSuccess>

```



```

        </DmCheckOutVO>
    </documentVO>
</asiteDataList>

```

Schema (XSD) of the Return XML

```

<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified">
    <xs:element name="asiteDataList">
        <xs:complexType>
            <xs:sequence>
                <xs:element maxOccurs="unbounded" ref="documentVO"/>
            </xs:sequence>
        </xs:complexType></xs:element>
    <xs:element name="documentVO">
        <xs:complexType>
            <xs:sequence>
                <xs:element ref="FolderPath"/>
                <xs:element ref="FileName"/>
                <xs:element ref="DocRef"/>
                <xs:element ref="DocTitle"/>
                <xs:element ref="RevNo"/>
                <xs:element ref="PublisherName"/>
                <xs:element ref="PublisherOrg"/>
                <xs:element ref="PublishedDate"/>
                <xs:element ref="PurposeOfIssue"/>
                <xs:element ref="DocStatus"/>
            </xs:sequence>
            <xs:attribute name="CheckoutStatus" use="required" type="xs:NCName"/>
            <xs:attribute name="DocActive" use="required" type="xs:NCName"/>
            <xs:attribute name="FileSize" use="required" type="xs:NMTOKEN"/>
            <xs:attribute name="IssNo" use="required" type="xs:integer"/>
            <xs:attribute name="isPrivate" use="required" type="xs:NCName"/>
        </xs:complexType>
    </xs:element>
    <xs:element name="FolderPath" type="xs:string"/>
    <xs:element name="FileName" type="xs:string"/>
    <xs:element name="DocRef" type="xs:NCName"/>
    <xs:element name="DocTitle" type="xs:string"/>
    <xs:element name="RevNo" type="xs:NMTOKEN"/>
    <xs:element name="PublisherName" type="xs:string"/>
    <xs:element name="PublisherOrg" type="xs:string"/>
    <xs:element name="PublishedDate" type="xs:NMTOKEN"/>
    <xs:element name="PurposeOfIssue" type="xs:string"/>
    <xs:element name="DocStatus" type="xs:NMTOKEN"/>
</xs:schema>

```

The XML shown above is the list of 2 documents in the specified folder and URI for displaying next page of documents list in the folder.

List of First 250 documents will be retrieved as 1 page of doc listing.

Returned Member URL Resources

- ➔ <URI>[https://dmsak.asite.com/api/workspace/2062449\\$\\$TbT6xS/folder/nextpage_doclist/2481/2](https://dmsak.asite.com/api/workspace/2062449$$TbT6xS/folder/nextpage_doclist/2481/2)</URI> is the URL you use to return Next page of doc List within the Workspace
- ➔ <URI>[https://dmsak.asite.com/api/workspace/2062449\\$\\$TbT6xS/folder/5662461\\$\\$4XxQv3/commentinfo/4190155\\$\\$e6ombZ](https://dmsak.asite.com/api/workspace/2062449$$TbT6xS/folder/5662461$$4XxQv3/commentinfo/4190155$$e6ombZ)</URI> is the URL to get comment details
- ➔ <URI>[https://dmsak.asite.com/api/workspace/2062449\\$\\$TbT6xS/folder/5662461\\$\\$4XxQv3/docaccessdetail/4190155\\$\\$e6ombZ](https://dmsak.asite.com/api/workspace/2062449$$TbT6xS/folder/5662461$$4XxQv3/docaccessdetail/4190155$$e6ombZ)</URI> is the URL to get document access details



- ➔ <URI>[https://dmsak.asite.com/api/workspace/2062449\\$\\$TbT6xS/folder/5662461\\$\\$4XxQv3/importDocumentAccessHistory/4190155\\$\\$e6ombZ](https://dmsak.asite.com/api/workspace/2062449$$TbT6xS/folder/5662461$$4XxQv3/importDocumentAccessHistory/4190155$$e6ombZ)</URI> is the URL to import document access details
- ➔ <URI>[https://dmsak.asite.com/api/workspace/2062449\\$\\$TbT6xS/folder/5662461\\$\\$4XxQv3/downloadDocument/5486446\\$\\$75WQZm](https://dmsak.asite.com/api/workspace/2062449$$TbT6xS/folder/5662461$$4XxQv3/downloadDocument/5486446$$75WQZm)</URI> is the URL you use to download specific document in return by document listing API.
- ➔ <URI><https://adoddle.asite.com/adoddlepublic/dpd/4GR8SK6KXohexpaA></URI> document direct link
- ➔ If user has viewOnly permission on folder, download and document direct URLs will not come in response.

Default Fields Returned

- ➔ The above XML returns the following values using the Document List API function call

Field Name	Description
FolderPath	Returns the folder path of the parent folder (starting from APD)
FileName	Returns the filename in the Document Folder
DocRef	Returns the Document Ref value specified in the Document Folder
DocTitle	Returns the Document Title value specified in the Document Folder
CheckoutStatus	Returns the Check Out Status value specified in the Document Folder
isPrivate	Returns the Publish Documents as Private setting specified in the Document Folder
IssNo	Returns the Issue No value of the Document in the Document Folder
RevNo	Returns the Rev No value of the Document in the Document Folder
PublisherName	Returns the Publisher Name of the Document in the Document Folder
PublisherOrg	Returns the Publisher Org value of the Document in the Document Folder
PublishedDate	Returns the Published Date of the Document in the Document Folder
DocActive	Returns the status of the document revision in the Document Folder
PurposeOfIssue	Returns the POI value of the document revision in the Document Folder
DocStatus	Returns the Document status of the document revision in the Document Folder
FileSize	Returns the Filesize of the document revision in the Document Folder
MyAction	Returns the list of actions for the logged in user on the document revisions in the Document Folder
ActionTime	Returns the status of the actions (in case of incomplete list the pending days) on the document revisions in the Document Folder
DocumentTypeId	Returns the Document Type ID
IsLink	Returns the document revision is link or not in the Document Folder
FileType	Returns the File Type of the document revision in the Document Folder
HasZipfile	Returns the document revision has zip file or not in the Document Folder



isRevCheckOut	Returns the document checkout status
isLatestRevCheckOut	Returns the document checkout status for latest revision for Document
DocumentId	Returns the documentId for Document
FolderId	Returns the FolderId for Document
RevisionId	Returns the RevisionId for Document
IsLocked	Returns the document lock status for Document
FileNameDisplay	Returns the File Display Name of the document revision in the Document Folder
IsFolderPublic	Returns the folder public status for specific document
publisherUserId	Returns the publisherUserId for Document
checkoutUserId	Returns the checkoutUserId for Document
checkoutUserName	Returns the Checkout User name of the Document
checkoutOrgname	Returns the Checkout User's organization name
checkoutSuccess	Returns the document checkout status for Document
dateCheckedOut	Returns the Checkout date for Document



6.6 Document List Next Page API Service

Document List Next Page API returns the next page of list of documents within a project folder. Extract the session id from the xml of the login API Call <Sessionid> tag from the resultant xml of Login API and URI tag for Document List Next Page API from resultant XML of Document List API to execute Folder List API Service.

Extract the session id from the xml of the login API Call <Sessionid> tag from the resultant xml

Usage Rules

- ➔ User must have been logged in to Asite Platform using Login API Function
- ➔ User must have executed Doc list API to get the URI for Next Page of Doc List
- ➔ Use the following cURL command to navigate to next page of the Document List

curl --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call> <URI tag value for Next page doc list from the resultant XML of first page listing API call> >[?sharelinkoptional_param1=value1& sharelinkoptional_param2=value2]

- ➔ Pick up the URI Tag value for the next page listing

Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call>
<URI>	URI tag value for Next page doc list from the resultant XML of first page listing API call
generateShareLink	Optional parameter to specify whether to generate document link or not value can be : true : public link false : direct/private link(require login)
showLatestRevision	Optional parameter to specify whether to access latest revision or not for link value can be : true : access latest revision of document false : access revision on which link was created ACCESS can be view/download based on openAndView option
notifiyOnDownload	Optional parameter to specify whether to send mail to link creator, when document download using shared link(only receive mail for public link)
openAndView	Optional parameter to specify whether to open document for view or download document when access document using link
expiryAfterDuration	Shared link param which specify unit after that link will expire after specified unit Unit can be h : hours or d : days [1-24] h : after specific hours link will expiry



	[1-n]d : after specific day link will expiry Example : 9d , 10h
expiryAfterViewCnt	Shared link param which specify ACCESS count after that link will expiry Value can be any number greater than 0

Note : expiryAfterDuration and expiryAfterViewCnt only applied if generateShareLink:true and folder level setting **Enable Public Links** sets to true

In case of generateShareLink:true and (expiryAfterDuration or expiryAfterViewCnt) is not specify then it will generate link which never expiry respect to folder level **Enable Public Links** option.

➔ Sample API cURL Call

```
curl --insecure --cacert ".\AsiteAPI.cer" --cookie ASessionID="aEhNbCoOuslRRRVF49Q3egu0gXGLO9FzaDlrJKEIRDQ=" "https://dmsak.ga.asite.com/api/workspace/2062449$$TbT6xS/folder/nextpage_doclist/2467/2?generateShareLink=true" 1>nextpage_doclist.xml
```

```

C:\Windows\System32\cmd.exe

D:\api>nextpage_doclist.bat
D:\api>curl --insecure --cacert ".\AsiteAPI.cer" --cookie ASessionID="aEhNbCoOuslRRRVF49Q3egu0gXGLO9FzaDlrJKEIRDQ=" "https://dmsak.ga.asite.com/api/workspace/2062449$$TbT6xS/folder/nextpage_doclist/2467/2?generateShareLink=true" 1>nextpage_doclist.xml
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left   Speed
100 462k    0 462k    0    0  99618      0  --:--:--  0:00:04 --:--:-- 147k
D:\api>

```

➔ Sample Return Xml(one document)

This will return the details of the active documents with latest revisions within the specified workspace that the logged in user has access to and the URIs for the API calls that can be made after workspace folder list API call has been made in <URI> tag in the resultant xml as follows:

```
<?xml version="1.0" encoding="UTF-8"?>
<asiteDataList>
  <documentVO CheckoutStatus="No" isPrivate="No" DocActive="Yes">
    <DocumentTypeId>1</DocumentTypeId>
    <IsLink>false</IsLink>
    <FolderPath>AJ Actions Test Project 10614\ !!! ASR_001
VA000775Test.xls</FolderPath>
    <FileType>xls</FileType>
    <FileName>A000775Test.xls</FileName>
    <HasZipfile>false</HasZipfile>
  </documentVO>
</asiteDataList>
```



```

<isRevCheckOut>false</isRevCheckOut>
<isLatestRevCheckOut>false</isLatestRevCheckOut>
<DocumentId>4189905$$vaJO6b</DocumentId>
<FolderId>5662461$$4XxQv3</FolderId>
<DocRef>A000775Test</DocRef>
<DocTitle>A000775Test</DocTitle>
<IssNo>2</IssNo>
<RevNo>2.0</RevNo>
<RevisionId>5486196$$MgXCiE</RevisionId>
<PublisherName>Ajay Parmar</PublisherName>
<PublisherOrg>Asite Solutions Ltd.</PublisherOrg>
<PublishedDate>17-Aug-2015 11:19 IST</PublishedDate>
<PurposeOfIssue>For Change</PurposeOfIssue>
<DocStatus>STATUS_temp</DocStatus>
<FileSize>40KB</FileSize>
<IsLocked>false</IsLocked>
<FileNameDisplay>A000775Test</FileNameDisplay>
<FileSize>40448</FileSize>
<FolderPermissionValue>0</FolderPermissionValue>
<UserId>0</UserId>
<IsFolderPublic>false</IsFolderPublic>
<publisherUserId>547745$$RjflZH</publisherUserId>
<URI>https://dmsak.asite.com/api/workspace/2062449$$TbT6xS/folder/5662461$$4XxQv3/co
mmentinfo/4189905$$vaJO6b</URI>
<URI>https://dmsak.asite.com/api/workspace/2062449$$TbT6xS/folder/5662461$$4XxQv3/d
ocaccessdetail/4189905$$vaJO6b</URI>
<URI>https://dmsak.asite.com/api/workspace/2062449$$TbT6xS/folder/5662461$$4XxQv3/im
portDocumentAccessHistory/4189905$$vaJO6b</URI>
<URI>https://dmsak.asite.com/api/workspace/2062449$$TbT6xS/folder/5662461$$4XxQv3/d
ownloadDocument/5486196$$MgXCiE</URI>
<URI>https://dmsak.asite.com/api/workspace/2062449$$TbT6xS/folder/5662461$$4XxQv3/d
ownloadDocument/5486196$$MgXCiE/5486196</URI>
<URI>https://adoddle.asite.com/adoddlepublic/dpd/xG4yHbEzEbuznjRa</URI>
  <DmCheckOutVO>
    <checkoutUserId>0$$MYI1MS</checkoutUserId>
    <checkoutUserName>null null</checkoutUserName>
    <checkoutOrgname/>
    <dateCheckedOut/>
    <checkoutSuccess>false</checkoutSuccess>
  </DmCheckOutVO>
</documentVO>
</asiteDataList>
Schema (XSD) of the Return XML
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified">
  <xs:element name="asiteDataList">
    <xs:complexType>
      <xs:sequence>
        <xs:element maxOccurs="unbounded" ref="documentVO"/>
      </xs:sequence>
    </xs:complexType></xs:element>
  <xs:element name="documentVO">

```



```

<xs:complexType>
  <xs:sequence>
    <xs:element ref="FolderPath"/>
    <xs:element ref="FileName"/>
    <xs:element ref="DocRef"/>
    <xs:element ref="DocTitle"/>
    <xs:element ref="RevNo"/>
    <xs:element ref="PublisherName"/>
    <xs:element ref="PublisherOrg"/>
    <xs:element ref="PublishedDate"/>
    <xs:element ref="PurposeOfIssue"/>
    <xs:element ref="DocStatus"/>
  </xs:sequence>
  <xs:attribute name="CheckoutStatus" use="required" type="xs:NCName"/>
  <xs:attribute name="DocActive" use="required" type="xs:NCName"/>
  <xs:attribute name="FileSize" use="required" type="xs:NMTOKEN"/>
  <xs:attribute name="IssNo" use="required" type="xs:integer"/>
  <xs:attribute name="isPrivate" use="required" type="xs:NCName"/>
</xs:complexType>
</xs:element>
<xs:element name="FolderPath" type="xs:string"/>
<xs:element name="FileName" type="xs:string"/>
<xs:element name="DocRef" type="xs:NCName"/>
<xs:element name="DocTitle" type="xs:string"/>
<xs:element name="RevNo" type="xs:NMTOKEN"/>
<xs:element name="PublisherName" type="xs:string"/>
<xs:element name="PublisherOrg" type="xs:string"/>
<xs:element name="PublishedDate" type="xs:NMTOKEN"/>
<xs:element name="PurposeOfIssue" type="xs:string"/>
<xs:element name="DocStatus" type="xs:NMTOKEN"/>
</xs:schema>

```

Above is the list of 2 documents in the specified folder and URI for displaying next page of documents list in the folder.

List of First 250 documents will be retrieved as a list on this page

Returned Member URL Resources

Returned Member URL Resources

<URI>[https://dmsak.asite.com/api/workspace/2062449\\$\\$TbT6xS/folder/5662461\\$\\$4XxQv3/commentinfo/4189905\\$\\$vaJO6b](https://dmsak.asite.com/api/workspace/2062449$$TbT6xS/folder/5662461$$4XxQv3/commentinfo/4189905$$vaJO6b)</URI> is the URL to get comment details

<URI>[https://dmsak.asite.com/api/workspace/2062449\\$\\$TbT6xS/folder/5662461\\$\\$4XxQv3/docaccessdetail/4189905\\$\\$vaJO6b](https://dmsak.asite.com/api/workspace/2062449$$TbT6xS/folder/5662461$$4XxQv3/docaccessdetail/4189905$$vaJO6b)</URI> is the URL to get document access details

<URI>[https://dmsak.asite.com/api/workspace/2062449\\$\\$TbT6xS/folder/5662461\\$\\$4XxQv3/importDocumentAccessHistory/4189905\\$\\$vaJO6b](https://dmsak.asite.com/api/workspace/2062449$$TbT6xS/folder/5662461$$4XxQv3/importDocumentAccessHistory/4189905$$vaJO6b)</URI> is the URL to import document access details

<URI>[https://dmsak.asite.com/api/workspace/2062449\\$\\$TbT6xS/folder/5662461\\$\\$4XxQv3/downloadDocument/5486196\\$\\$MgXCiE](https://dmsak.asite.com/api/workspace/2062449$$TbT6xS/folder/5662461$$4XxQv3/downloadDocument/5486196$$MgXCiE)</URI> is the URL you use to download specific document in return by document listing API.

<URI><https://adoddle.asite.com/adoddlepublic/dpd/xG4yHbEzEbuznjRa></URI> document direct link

➡ If user has viewOnly permission on folder, download and document direct URLs will not come in response.

Default Fields Returned

➡ The above XML returns the following values using the Document List API function call



Field Name	Description
FolderPath	Returns the folder path of the parent folder (starting from APD)
FileName	Returns the filename in the Document Folder
DocRef	Returns the Document Ref value specified in the Document Folder
DocTitle	Returns the Document Title value specified in the Document Folder
CheckoutStatus	Returns the Check Out Status value specified in the Document Folder
isPrivate	Returns the Publish Documents as Private setting specified in the Document Folder
IssNo	Returns the Issue No value of the Document in the Document Folder
RevNo	Returns the Rev No value of the Document in the Document Folder
PublisherName	Returns the Publisher Name of the Document in the Document Folder
PublisherOrg	Returns the Publisher Org value of the Document in the Document Folder
PublishedDate	Returns the Published Date of the Document in the Document Folder
DocActive	Returns the status of the document revision in the Document Folder
PurposeOfIssue	Returns the POI value of the document revision in the Document Folder
DocStatus	Returns the Document status of the document revision in the Document Folder
FileSize	Returns the Filesize of the document revision in the Document Folder
MyAction	Returns the list of actions for the logged in user on the document revisions in the Document Folder
ActionTime	Returns the status of the actions (in case of incomplete list the pending days) on the document revisions in the Document Folder
DocumentTypeid	Returns the Document Type ID
IsLink	Returns the document revision is link or not in the Document Folder
FileType	Returns the File Type of the document revision in the Document Folder
HasZipfile	Returns the document revision has zip file or not in the Document Folder
isRevCheckOut	Returns the document checkout status
isLatestRevCheckOut	Returns the document checkout status for latest revision for Document
DocumentId	Returns the documentId for Document
FolderId	Returns the FolderId for Document
RevisionId	Returns the RevisionId for Document
IsLocked	Returns the document lock status for Document
FileNameDisplay	Returns the File Display Name of the document revision in the Document Folder
IsFolderPublic	Returns the folder public status for specific document
publisherUserId	Returns the publisherUserId for Document
checkoutUserId	Returns the checkoutUserId for Document
checkoutUserName	Returns the Checkout User name of the Document
checkoutOrgname	Returns the Checkout User's organization name



checkoutSuccess	Returns the document checkout status for Document
dateCheckedOut	Returns the Checkout date for Document



6.7 Form Type List API Service

The Form Type List API returns the list of Form Types assigned to a Workspace. Extract the session id from the xml of the login API Call <Sessionid> tag from the resultant xml of Login API and URI tag for Form Type List from Workspace List API to execute Form Type List API Service.

Usage Rules

- ➔ User must have been logged in to Asite Platform using Login API Function
- ➔ Use the following cURL command to list the Form Types within the Workspace

curl --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call> <URI tag value for Form list API call from the resultant XML of Form Type API call>

Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call>
<URI>	URI tag value for Form list API call from the resultant XML of Form Type API call

```

Administrator: C:\Windows\system32\cmd.exe - FormTypeList.bat

C:\CURL\Live\curl-7.19.5>FormTypeList.bat

C:\CURL\Live\curl-7.19.5>curl --cacert "C:\CURL\curl-7.19.5\ca-cert.cer" --cookie
ASessionID="uDt068RpRZWQCcZTUcfhZoryEcOTYTyEii1Svq1EKw=" https://dmsak.asite.
com/api/workspace/707975$UNLLHU/form/formtypelist 1>FormTypeList.xml
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left   Speed
100  1642  100  1642    0     0   2339      0  --:--:-- --:--:-- --:--:--   6568

C:\CURL\Live\curl-7.19.5>pause
Press any key to continue . . .
  
```

Sample Return Xml

This will return the detailed list of Forms for Form type within a specified workspace that the logged in user has access to and the URIs for the API calls that can be made after workspace folder list API call has been made in <URI> tag in the resultant xml as follows:



```
<?xml version="1.0" encoding="ISO-8859-1"?>
<asiteDataList>
  <FormList_TO>
    <URI>https://dms.asite.com/api/workspace/737$$$9JzEGx/form/258128$$0HLVxc/formdetails</URI>
    <FormVO>
      <FormMSGVO Has_Attachments="Yes">
        <Msg_Type>ORI</Msg_Type>
        <Msg_ID>ORI001</Msg_ID>
        <Originator_User>Gary Glazer</Originator_User>
        <Originator_Company>SW Developments</Originator_Company>
        <Msg_Creation_Date>13-07-2010</Msg_Creation_Date>
        <Status>Sent</Status>
      </FormMSGVO>
    </FormList_TO>
    <FormList_TO>
      <URI>https://dms.asite.com/api/workspace/737$$$9JzEGx/form/236628$$mWcebV/formdetails</URI>
      <FormVO>
        <FormName>Request For Information NC</FormName>
        <Form_ID>RFI017</Form_ID>
        <Form_Title>Roofing slabs</Form_Title>
      <User_Ref>1234</User_Ref>
      <Close_Due>14-05-2010</Close_Due>
      <Form_Status>Open</Form_Status>
    </FormVO>
    <FormMSGVO Has_Attachments="Yes">
      <Msg_Type>ORI</Msg_Type>
      <Msg_ID>ORI001</Msg_ID>
      <Originator_User>Elaine Magill</Originator_User>
      <Originator_Company>Asite Solutions Ltd</Originator_Company>
      <Msg_Creation_Date>04-05-2010</Msg_Creation_Date>
      <Status>Sent</Status>
    </FormMSGVO>
    <FormMSGTreeVO Has_Attachments="No">
      <Msg_Type>RES</Msg_Type>
      <Msg_ID>RES001</Msg_ID>
      <Originator_User>Gary Glazer</Originator_User>
      <Originator_Company>SW Developments</Originator_Company>
      <Msg_Creation_Date>22-06-2010</Msg_Creation_Date>
      <Status>Sent</Status>
    </FormMSGTreeVO>
    <FormMSGTreeVO Has_Attachments="Yes">
      <Msg_Type>RES</Msg_Type>
      <Msg_ID>RES002</Msg_ID>
      <Originator_User>Gary Glazer</Originator_User>
      <Originator_Company>SW Developments</Originator_Company>
      <Msg_Creation_Date>22-06-2010</Msg_Creation_Date>
      <Status>Sent</Status>
    </FormMSGTreeVO>
  </FormList_TO>
</asiteDataList>
```

Schema (XSD) of the Return XML

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified">
  <xs:element name="asiteDataList">
    <xs:complexType>
      <xs:sequence>
        <xs:element maxOccurs="unbounded" ref="FormList_TO"/>
      </xs:sequence>
    </xs:complexType></xs:element>
  <xs:element name="FormList_TO">
    <xs:complexType>
      <xs:sequence>
```



```

        <xs:element ref="URI"/>
        <xs:element ref="FormVO"/>
        <xs:element ref="FormMSGVO"/>
        <xs:element minOccurs="0" maxOccurs="unbounded"
ref="FormMSGTreeVO"/>
    </xs:sequence>
</xs:complexType></xs:element>
<xs:element name="URI" type="xs:anyURI"/>
<xs:element name="FormVO">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="FormName"/>
            <xs:element ref="Form_ID"/>
            <xs:element ref="Form_Title"/>
            <xs:element ref="User_Ref"/>
            <xs:element ref="Close_Due"/>
            <xs:element ref="Form_Status"/>
        </xs:sequence>
    </xs:complexType></xs:element>
<xs:element name="FormName" type="xs:string"/>
<xs:element name="Form_ID" type="xs:NCName"/>
<xs:element name="Form_Title" type="xs:string"/>
<xs:element name="User_Ref" type="xs:string"/>
<xs:element name="Close_Due" type="xs:NMTOKEN"/>
<xs:element name="Form_Status" type="xs:NCName"/>
<xs:element name="FormMSGVO">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="Msg_Type"/>
            <xs:element ref="Msg_ID"/>
            <xs:element ref="Originator_User"/>
            <xs:element ref="Originator_Company"/>
            <xs:element ref="Msg_Creation_Date"/>
            <xs:element ref="Status"/>
        </xs:sequence>
        <xs:attribute name="Has_Attachments" use="required" type="xs:NCName"/>
    </xs:complexType>
</xs:element>
<xs:element name="FormMSGTreeVO">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="Msg_Type"/>
            <xs:element ref="Msg_ID"/>
            <xs:element ref="Originator_User"/>
            <xs:element ref="Originator_Company"/>
            <xs:element ref="Msg_Creation_Date"/>
            <xs:element ref="Status"/>
        </xs:sequence>
        <xs:attribute name="Has_Attachments" use="required" type="xs:NCName"/>
    </xs:complexType>
</xs:element>
<xs:element name="Msg_Type" type="xs:NCName"/>
<xs:element name="Msg_ID" type="xs:NCName"/>
<xs:element name="Originator_User" type="xs:string"/>
<xs:element name="Originator_Company" type="xs:string"/>
<xs:element name="Msg_Creation_Date" type="xs:NMTOKEN"/>
<xs:element name="Status" type="xs:NCName"/>
</xs:schema>

```

Returned Member URL Resources

➔ <URI>[https://dms.asite.com/api/workspace/737\\$\\$\\$9JzEGx/form/258128\\$\\$\\$0HLVxc/formdetails](https://dms.asite.com/api/workspace/737$$$9JzEGx/form/258128$$$0HLVxc/formdetails)
 </URI> is the URL you use to return form details



Default Fields Returned

➔ The above XML returns the following values using the Document List API function call

Field Name	Description
FormName	Returns the Name of the Form (as specified in Form Settings)
Form_ID	Returns the Form ID as Returned in listing, e.g. RFI001, RF002 instead of two split values
Form_Title	Returns the Title of the Form ORI Message
User_Ref	Returns the User Ref values
Close_Due	Returns the date on which Form is close Due
Form_Status	Returns the name of the Form Status, egg. Closed
Form_Close_Date	Returns the date on which the Form Status is due
Msg_Type	Returns the Message Name, E.g. ORI, RES, FWD
Msg_ID	Returns the sequential numeric value of Form Message, e.g. RES001, RES002.
Originator_User	Returns the name of the Originator
Msg_Creation_Date	Returns the date on which Form Message was created
Status	Returns the status of individual Messages, e.g. Sent.
Has_Attachments	Returns indication if Form has attachments
Action_Name	Returns action name
Action_Completion_date	Returns action completion date
Action Due by Date	Returns action due date
Overdue	Returns Overdue flag
Action_Complete	Returns action complete flag
Action_Cleared	Returns action cleared flag
Completed ON or After Close Due date	Returns flag that specifies if the action was completed on or after the close due date



6.8 Forms List API Service

The Form List API returns the list of Form Types assigned to a Workspace. Extract the session id from the xml of the login API Call <Sessionid> tag from the resultant xml of Login API and URI tag for Form List from Form Type List API to execute Form List API Service.

Usage Rules

- ➔ User must have been logged in and executed Workspace List as well as the Form Type API Function
- ➔ Use the following cURL command to list the Forms against the Form Types

curl --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call> <URI tag value for Form list API call from the resultant XML of Form Type API call>

Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call>
<URI>	URI tag value for Form list API call from the resultant XML of Form Type API call

```

Administrator: C:\Windows\system32\cmd.exe - FormTypeList.bat

C:\CURL\Live\curl-7.19.5>FormTypeList.bat

C:\CURL\Live\curl-7.19.5>curl --cacert "C:\CURL\curl-7.19.5\ca-cert.cer" --cookie ASessionID="uDt068RpRZWQCcZTUcfhZoryEcOTYTyEii1Svq1EKw=" https://dmsak.asite.com/api/workspace/707975$UNLLHU/form/formtypelist 1>FormTypeList.xml
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left   Speed
100  1642  100  1642    0     0   2339      0 --:--:-- --:--:-- --:--:--   6568

C:\CURL\Live\curl-7.19.5>pause
Press any key to continue . . .
  
```

Sample Return Xml



This will return the detailed list of Forms for Form type within a specified workspace that the logged in user has access to and the URIs for the API calls that can be made after workspace folder list API call has been made in <URI> tag in the resultant xml as follows:

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<asiteDataList>
  <FormType>
    <FormTypeID>6692$$$voW8o9</FormTypeID>
    <FormName>Change Request Form</FormName>
    <FormGroupCode>CRF</FormGroupCode>
    <URI>https://dms.asite.com/api/workspace/7$$$9Jzx/form/firstpage/formlist/9$$$voWo9</URI>
    <URI>https://dms.asite.com/api/workspace/7$$$9Jzx/form/firstpage/incompleteactionformlist/9$$$voWo9
URI>
    <URI>https://dms.asite.com/api/workspace/7$$$9Jzx/form/reportformlist/9$$$voWo9</URI>
  </FormType>
  <FormType>
    <FormTypeID>6700$$dq4GpU</FormTypeID>
    <FormName>Early Warning Notice</FormName>
    <FormGroupCode>EWN</FormGroupCode>
    <URI>https://dms.asite.com/api/workspace/7$$$9JzGx/form/firstpage/formlist/67$$dq4</URI>
    <URI>https://dms.asite.com/api/workspace/7$$$9JzGx/form/firstpage/incompleteactionformlist/67$$dq4<
/URI>
    <URI>https://dms.asite.com/api/workspace/7$$$9JzGx/form/reportformlist/67$$dq4</URI>
  </FormType>
</FormList_TO>
</asiteDataList>
```

Schema (XSD) of the Return XML

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified">
  <xs:element name="asiteDataList">
    <xs:complexType>
      <xs:sequence>
        <xs:element maxOccurs="unbounded" ref="FormList_TO"/>
      </xs:sequence>
    </xs:complexType></xs:element>
  <xs:element name="FormList_TO">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="URI"/>
        <xs:element ref="FormVO"/>
        <xs:element ref="FormMSGVO"/>
        <xs:element minOccurs="0" maxOccurs="unbounded"
ref="FormMSGTreeVO"/>
      </xs:sequence>
    </xs:complexType></xs:element>
  <xs:element name="URI" type="xs:anyURI"/>
  <xs:element name="FormVO">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="FormName"/>
        <xs:element ref="Form_ID"/>
        <xs:element ref="Form_Title"/>
        <xs:element ref="User_Ref"/>
        <xs:element ref="Close_Due"/>
        <xs:element ref="Form_Status"/>
      </xs:sequence>
    </xs:complexType></xs:element>
  <xs:element name="FormName" type="xs:string"/>
  <xs:element name="Form_ID" type="xs:NCName"/>
  <xs:element name="Form_Title" type="xs:string"/>
  <xs:element name="User_Ref" type="xs:string"/>

```




```

<xs:element name="Close_Due" type="xs:NMTOKEN"/>
<xs:element name="Form_Status" type="xs:NCName"/>
<xs:element name="FormMSGVO">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="Msg_Type"/>
      <xs:element ref="Msg_ID"/>
      <xs:element ref="Originator_User"/>
      <xs:element ref="Originator_Company"/>
      <xs:element ref="Msg_Creation_Date"/>
      <xs:element ref="Status"/>
    </xs:sequence>
    <xs:attribute name="Has_Attachments" use="required" type="xs:NCName"/>
  </xs:complexType>
</xs:element>
<xs:element name="FormMSGTreeVO">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="Msg_Type"/>
      <xs:element ref="Msg_ID"/>
      <xs:element ref="Originator_User"/>
      <xs:element ref="Originator_Company"/>
      <xs:element ref="Msg_Creation_Date"/>
      <xs:element ref="Status"/>
    </xs:sequence>
    <xs:attribute name="Has_Attachments" use="required" type="xs:NCName"/>
  </xs:complexType>
</xs:element>
<xs:element name="Msg_Type" type="xs:NCName"/>
<xs:element name="Msg_ID" type="xs:NCName"/>
<xs:element name="Originator_User" type="xs:string"/>
<xs:element name="Originator_Company" type="xs:string"/>
<xs:element name="Msg_Creation_Date" type="xs:NMTOKEN"/>
<xs:element name="Status" type="xs:NCName"/>
</xs:schema>

```

Returned Member URL Resources

- ➔ <URI>[https://dms.asite.com/api/workspace/7\\$\\$\\$9Jzx/form/firstpage/formlist/9\\$\\$\\$voWo9](https://dms.asite.com/api/workspace/7$$$9Jzx/form/firstpage/formlist/9$$$voWo9)</URI> is the URL you use to return Forms List of a specific form type within the Workspace
- ➔ <URI>[https://dms.asite.com/api/workspace/7\\$\\$\\$9Jzx/form/firstpage/incompleteactionformlist/9\\$\\$\\$voWo9URI](https://dms.asite.com/api/workspace/7$$$9Jzx/form/firstpage/incompleteactionformlist/9$$$voWo9URI)</URI> is the URL you use to return incomplete Forms Actions for the user
- ➔ <URI>[https://dms.asite.com/api/workspace/7\\$\\$\\$9Jzx/form/reportformlist/9\\$\\$\\$voWo9](https://dms.asite.com/api/workspace/7$$$9Jzx/form/reportformlist/9$$$voWo9)</URI> is the URL you use to return report of the forms list

Default Fields Returned

- ➔ The above XML returns the following values using the Document List API function call

Field Name	Description
FormName	Returns the Name of the Form (as specified in Form Settings)
Form_ID	Returns the Form ID as Returned in listing, e.g. RF1001, RF002 instead of two split values
Form_Title	Returns the Title of the Form ORI Message
User_Ref	Returns the User Ref values



Close_Due	Returns the date on which Form is close Due
Form_Status	Returns the name of the Form Status, e.g. Closed
Form_Close_Date	Returns the date on which the Form Status is due
Msg_Type	Returns the Message Name, E.g. ORI, RES, FWD
Msg_ID	Returns the sequential numeric value of Form Message, e.g. RES001, RES002.
Originator_User	Returns the name of the Originator
Msg_Creation_Date	Returns the date on which Form Message was created
Status	Returns the status of individual Messages, e.g. Sent.
Has_Attachments	Returns indication if Form has attachments
Action_Name	Returns action name
Action_Completion_date	Returns action completion date
Action Due by Date	Returns action due date
Overdue	Returns Overdue flag
Action_Complete	Returns action complete flag
Action_Cleared	Returns action cleared flag
Completed ON or After Close Due date	Returns flag that specifies if the action was completed on or after the close due date



6.9 Incomplete Form actions API Service

The Form Actions API returns the list of incomplete Form Actions for a form type in a Workspace for the logged in user. Extract the session id from the xml of the login API Call <Sessionid> tag from the resultant xml of Login API and URI tag for Incomplete Form Actions from Form List API to execute Incomplete Form Actions API Service.

Usage Rules

- ➔ User must have been logged in and executed Workspace List as well as the Form Type API Function
- ➔ Use the following cURL command to list incomplete Form Actions

curl --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call> <URI tag value for list of incomplete Form Actions from the resultant XML of Form Type API call>

Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call>
<URI>	URI tag value for list of incomplete Form Actions from the resultant XML of Form Type API call

```

Administrator: C:\Windows\system32\cmd.exe - IncompleteFormActions.bat

C:\CURL\Live\curl-7.19.5>IncompleteFormActions.bat

C:\CURL\Live\curl-7.19.5>curl --cacert "C:\CURL\curl-7.19.5\ca-cert.cer" --cookie ASessionID="uDt068RpRZWQCcZTUcfhZoryEcOTYTyEiilSvq1EKw=" https://dmsak.asite.com/api/workspace/7079755UNLLHU/form/firstpage/incompleteactionformlist/12829555wU7kUw 1>Incomplete_Form_Action.xml
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
           Dload  Upload   Total   Spent    Left     Speed
   0    55     0   55     0     0      30      0  --:--:--  0:00:01  --:--:--   47

C:\CURL\Live\curl-7.19.5>Pause
Press any key to continue . . .
  
```

Sample Return Xml

This will return the detailed shows details of the logged in user's incomplete actions on the forms for a Form Type and the resultant XML as follows:



```

<?xml version="1.0" encoding="ISO-8859-1"?>
<asiteDataList>
  <FormList_TO>

    <URI>https://dms.asite.com/api/workspace/54844$$KQ65aP/form/191847$$uoMTbj/formdetails</URI>
    <FormVO>
      <FormName>2.2 Purchase Orders</FormName>
      <Form_ID>PORD022</Form_ID>
      <Form_Title>PO for :: LD Supplier Co</Form_Title>
      <User_Ref>DPO-TestCon30032010 - 001-0017</User_Ref>
      <Close_Due>08-04-2010</Close_Due>
      <Form_Status>Open</Form_Status>
    </FormVO>
    <FormMSGVO Has_Attachments="No">
      <Msg_Type>ORI</Msg_Type>
      <Msg_ID>ORI001</Msg_ID>
      <Originator_User>V K Antony</Originator_User>
      <Originator_Company>VK Buyer Co</Originator_Company>
      <Msg_Creation_Date>05-04-2010</Msg_Creation_Date>
      <Status>Sent</Status>
    </FormMSGVO>
  </FormList_TO>
</asiteDataList>
Schema (XSD) of the Return XML
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified">
  <xs:element name="asiteDataList">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="FormList_TO"/>
      </xs:sequence>
    </xs:complexType></xs:element>
  <xs:element name="FormList_TO">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="URI"/>
        <xs:element ref="FormVO"/>
        <xs:element ref="FormMSGVO"/>
      </xs:sequence>
    </xs:complexType></xs:element>
  <xs:element name="URI" type="xs:anyURI"/>
  <xs:element name="FormVO">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="FormName"/>
        <xs:element ref="Form_ID"/>
        <xs:element ref="Form_Title"/>
        <xs:element ref="User_Ref"/>
        <xs:element ref="Close_Due"/>
        <xs:element ref="Form_Status"/>
      </xs:sequence>
    </xs:complexType></xs:element>
  <xs:element name="FormName" type="xs:string"/>
  <xs:element name="Form_ID" type="xs:NCName"/>
  <xs:element name="Form_Title" type="xs:string"/>
  <xs:element name="User_Ref" type="xs:NCName"/>
  <xs:element name="Close_Due" type="xs:NMTOKEN"/>
  <xs:element name="Form_Status" type="xs:NCName"/>
  <xs:element name="FormMSGVO">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="Msg_Type"/>
        <xs:element ref="Msg_ID"/>

```



```

        <xs:element ref="Originator_User"/>
        <xs:element ref="Originator_Company"/>
        <xs:element ref="Msg_Creation_Date"/>
        <xs:element ref="Status"/>
        <xs:element ref="FormActions"/>
    </xs:sequence>
    <xs:attribute name="Has_Attachments" use="required" type="xs:NCName"/>
</xs:complexType>
</xs:element>
<xs:element name="Msg_Type" type="xs:NCName"/>
<xs:element name="Msg_ID" type="xs:NCName"/>
<xs:element name="Originator_User" type="xs:string"/>
<xs:element name="Originator_Company" type="xs:string"/>
<xs:element name="Msg_Creation_Date" type="xs:NMTOKEN"/>
<xs:element name="Status" type="xs:NCName"/>
<xs:element name="FormActions">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="Action_ID"/>
            <xs:element ref="Action_Display_Name"/>
            <xs:element ref="Action_Completion_Date"/>
            <xs:element ref="Action_Due_By_Date"/>
            <xs:element ref="Overdue"/>
            <xs:element ref="Action_Complete"/>
            <xs:element ref="Action_Cleared"/>
            <xs:element ref="Completed_On_Or_After_Form_Close_Date"/>
        </xs:sequence>
    </xs:complexType></xs:element>
<xs:element name="Action_ID" type="xs:string"/>
<xs:element name="Action_Display_Name" type="xs:NCName"/>
<xs:element name="Action_Completion_Date">
    <xs:complexType/>
</xs:element>
<xs:element name="Action_Due_By_Date" type="xs:NMTOKEN"/>
<xs:element name="Overdue" type="xs:NCName"/>
<xs:element name="Action_Complete" type="xs:NCName"/>
<xs:element name="Action_Cleared" type="xs:NCName"/>
<xs:element name="Completed_On_Or_After_Form_Close_Date" type="xs:NCName"/>
</xs:schema>

```

Returned Member URL Resources

- ➔ <URI>[https://dms.asite.com/api/workspace/54844\\$\\$\\$KQ65aP/form/191847\\$\\$\\$uoMTbj/formdetails](https://dms.asite.com/api/workspace/54844$$$KQ65aP/form/191847$$$uoMTbj/formdetails)
 </URI> is the URL you use to return form details for the selected form message

Default Fields Returned

- ➔ The above XML returns the following values using the Incomplete Form Actions API function call

Field Name	Description
FormName	Returns Name of the form
Form_ID	Returns Form ID
Form_Title	Returns FORM Title
User_Ref	Returns user ref
Close_Due	Returns form close due



Form_Status	Returns form status
Msg_Details	
Msg_Type	Returns message type
Msg_ID	Returns message ID
Originator_User	Returns originator user
Originator_Company	Returns originator company
Msg_Creation_Date	Returns Msg creation date
Status	Returns msg status
FormActions	
Action_ID	Returns action id
Action_Display_Name	Returns action name
Action_Completion_Date	Returns action completion date
Action_Due_By_Date	Returns action due date
Overdue	Returns actionoverdue flag
Action_Complete	Returns action completion flag
Action_Cleared	Returns action cleared flag
Completed_On_Or_After_Form_Close_Date	Returns flag that specifies if the action was completed on or after the close due date



6.10 Appendix K – Publish Document to Workspace Folder

The Publish Document to Workspace folder API returns the link of the document successfully published to the Workspace folder.

This API supports publishing of single document with default attributes (similar to the Simple Upload mechanism available within the Platform)

This API supports for specify system attributes i.e. DocRef, DocTitle, POI etc. along with it. Details of input parameters and its example mention below. If user don't specify values of these attributes default values will assign.

The API requires the following values:

- ➔ Session ID
- ➔ Folder URI

Steps to execute the Publish Document to Workspace folder API Service:

- ➔ Execute the login API Call
- ➔ Extract the session id from the resultant xml of the login API Call
- ➔ Execute the Workspace List API Call
- ➔ Extract the URI tag for Workspace from resultant xml of the Workspace List API
- ➔ Execute the Workspace Folder List API Call
- ➔ Extract the Workspace Folder upload URI tag from the resultant xml of the Workspace Folder List API Call
- ➔ Execute the Publish Document to Workspace Folder API Call

Usage Rules

- ➔ User must have been logged in to Asite Platform using Login API Function
 - ➔ User must have executed Workspace list API to get the URI for Folder List
 - ➔ User must have executed Workspace Folder List API to get the URI for publish path
 - ➔ Use the following cURL command to publish the document via HTTPS POST method to the Workspace Folder
 - ➔ `curl --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call> -H "Content-Type: multipart/form-data; charset=UTF-8" -F "upload=@sample.txt;type=application/octet-stream" https://dms.asite.com/api/workspace/7$$$9JzEGx/folder/127749$$$oF6/upload`
 - ➔ Sample to call upload API with attributes:
- ```
curl --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call> -H "Content-Type: multipart/form-data; charset=UTF-8" -F "upload=@sample.txt;type=application/octet-stream" -F "txtDocRef=SampleDrawing" -F "revision=1.00" -F "documentTitle=SampleTitle" -F "purposeOfIssue=Draft" -F "status=In progress" -F "publish_as_private=false" -F "revisionNotes=First floor drawing" https://dms.asite.com/api/workspace/7$$$9JzEGx/folder/127749$$$oF6/upload
```



## Input Parameters

| Parameter Name     | Description                                                        |
|--------------------|--------------------------------------------------------------------|
| Form Data          | <a href="#">upload=@sample.txt;type=application/octet-stream</a>   |
| txtDocRef          | Document Reference of the file being uploaded.                     |
| revision           | Revision Nr. as string                                             |
| documentTitle      | Title as string                                                    |
| purposeOfIssue     | Purpose of Issue as string                                         |
| Status             | Status as string.                                                  |
| publish_as_private | false if not private (i.e. Folder access will control file access) |
| revisionNotes      | Revision Notes as string                                           |

## Sample Return Xml

This will return the Notification URL of the successfully published revision:

```

SUCCESS CASE –Document published successfully
<?xml version="1.0" encoding="ISO-8859-1"?>
<upload_info>
<upload_status>Successful</upload_status>
<RevisionId>2480263$$aa7c5C</RevisionId>
<DocumentId>1649418$$uKaXBz</DocumentId>
<document_link>https://portal.asite.com/da/notification?action_id=413&nlid=1_8_332_3043041_3618299_5288895\$\$YdPwou</document_link>
</upload_info>
FAILURE CASE –Document publish has failed
<?xml version="1.0" encoding="ISO-8859-1"?>
<upload_info>
<upload_status>Failed</upload_status>
<error_message>Problem with publishing document</error_message>
</upload_info>

```

## Returned Member URL Resources

➔ None

## Default Fields Returned

➔ The above XML returns the following values using the Publish Document to Workspace Folder API function call (as per sessionID information sent):

| Field Name                | Description                                                               |
|---------------------------|---------------------------------------------------------------------------|
| Publish Success Scenario: |                                                                           |
| Upload Status             | Returns the Upload Status i.e. Successful                                 |
| RevisionId                | Returns Revision Id of newly uploaded Document                            |
| DocumentId                | Returns Document Id of newly uploaded Document                            |
| Notification URL          | Returns the Notification URL of the document revision that was published. |





|                        |                                              |
|------------------------|----------------------------------------------|
| Publish Fail Scenario: |                                              |
| Upload Status          | Returns the Upload Status i.e. Failed        |
| Error Message          | Returns the reason for failure of the Upload |



## 6.11 Folder Details API Service

The Folder Details API returns details of Workspace folder. Extract the session id from the xml of the login API Call <Sessionid> tag from the resultant xml of Login API and URI tag for Folder detail from Workspace List API to execute Folder details API Service.

### Usage Rules

- ➔ User must have been logged in and executed Workspace List as well as the Workspace Folder List API Function
- ➔ Use the following cURL command to view the Folder Details

```
curl --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call> <URI tag value for folderdetails API call from the resultant XML of Workspace Folder List API call >
```

### Input Parameters

| Parameter Name | Description                                                                                       |
|----------------|---------------------------------------------------------------------------------------------------|
| --cacert       | Asite certificate file path                                                                       |
| ASessionID     | session ID from the resultant XML of Login API call>                                              |
| <URI>          | URI tag value for folderdetails API call from the resultant XML of Workspace Folder List API call |

### Default Fields Returned

This will return folder details of the specified workspace. The resultant data would be similar to the text as follows:

| FieldName           | Description                                   |
|---------------------|-----------------------------------------------|
| FolderName          | Returns the name of folder                    |
| DefaultPermissionId | Returns the default permission id of folder   |
| IsActive            | Returns the status of folder                  |
| <b>Role Detail</b>  |                                               |
| RoleId              | Returns the role id of RoleVO in folder       |
| RoleName            | Returns the role name of the RoleVO in folder |
| PermissionId        | Returns the Permission id of RoleVO in folder |
| <b>User Detail</b>  |                                               |
| UserId              | Returns the user id of UserVO in folder       |
| Username            | Returns the user name of UserVO in folder     |
| PermissionId        | Returns permission id of UserVO in folder     |

- ➔ Returns the following fields when access to Folder fails

| FieldName         | Description               |
|-------------------|---------------------------|
| ERROR_CODE        | Returns error status      |
| ERROR_MESSAGE     | Returns error message     |
| ERROR_DESCRIPTION | Returns error description |



## 6.12 Create Folder API Service

The Create Folder API is used to create folder with user defined permissions within a Workspace.

### Usage Rules

- ➔ User must have been logged in and executed Workspace List as well as the Workspace Folder List API Function
- ➔ User must have executed Workspace User and Roles list API to get the Workspace User and Roles list
- ➔ Use the following cURL command to Create Folder

```
curl --data "folderdetails={
 'folderName': '{Folder Name}',
 'security': {
 'defaults': [{
 'accessId': {Default PermissionId}
 }],
 'users': [{
 'hashedUserId': {Workspace UserId},
 'accessId': {PermissionId assign to User}
 },{
 'hashedUserId': {Workspace UserId},
 'accessId': {PermissionId assign to User}
 }],
 'roles': [{
 'roleId': {Workspace RoleId},
 'accessId': {PermissionId assign to Role}
 },{
 'roleId': {Workspace RoleId},
 'accessId': {PermissionId assign to Role}
 }]
 },
 'settings': {
 'isPrivateOnUpload': {To enable option true/false},
 'isEditOnUpload': {To enable option true/false},
 'enableSimpleUpload': {To enable option true/false},
 'enableQRCode': {To enable option true/false},
 'isShareLinkAllow': {To enable option true/false},
 'isPublic': {To enable option true/false},
 'includePublicSubFolder': {To enable option true/false}
 }
}
```



```

 }
 }
}"

```

Sample JSON:

```

{
 'folderName' : 'create_folder',

 'security': {
 'defaults': [{
 'accessId':1
 }],
 'roles': [{
 'roleId': 161078$$S6cspT,
 'accessId': 1
 }],
 'users': [{
 'hashedUserId': 1544944$$JgetAV,
 'accessId': 1
 },{
 'hashedUserId': 4042$$UdHZ5y,
 'accessId': 1
 }
]
},

 'settings' : {
 'isPrivateOnUpload': false,
 'isEditOnUpload': false,
 'enableSimpleUpload': false,
 'enableQRCode': false,
 'isShareLinkAllow': false,
 'isPublic': false,
 'includePublicSubFolder': false
 }
}

```

--cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call> <URI tag value for CreateFolder API call from the resultant XML of Workspace Folder List API call >

### Input Parameters

| Parameter Name | Description                                                                                      |
|----------------|--------------------------------------------------------------------------------------------------|
| --cacert       | Asite certificate file path                                                                      |
| ASessionID     | session ID from the resultant XML of Login API call>                                             |
| <URI>          | URI tag value for createfolder API call from the resultant XML of Workspace Folder List API call |
| folderdetails  | Json of folder details                                                                           |



## JSON input fields

| No | JSON Field             | Description                                                                         | Mandatory                            |
|----|------------------------|-------------------------------------------------------------------------------------|--------------------------------------|
| 1  | folderdetails          | Details of folder to be create                                                      | Yes                                  |
| 2  | folderName             | Name of folder                                                                      | Yes                                  |
| 3  | defaults               | Define default permission of folder                                                 | No                                   |
| 4  | accessId               | Default PermissionId to be assign                                                   | No                                   |
| 5  | users                  | List of workspace users needs to be add in folder                                   | No                                   |
| 6  | hashedUserId           | UserId of each user                                                                 | No                                   |
| 7  | accessId               | PermissionId assign to user                                                         | Yes (only If set hashedUserId value) |
| 8  | roles                  | List of workspace roles needs to be add in folder                                   | No                                   |
| 9  | roleId                 | RoleId of each user                                                                 | No                                   |
| 10 | accessId               | PermissionId assign to role                                                         | Yes (only If set roleId value)       |
| 11 | settings               | define values for different option to be set                                        | No                                   |
| 12 | isPrivateOnUpload      | To make "Publish as Private" option TRUE while upload document                      | No                                   |
| 13 | isEditOnUpload         | Allow user to modify selection of "Publish as Private" option while upload document | No                                   |
| 14 | enableSimpleUpload     | Allow user to upload document without fill metadata                                 | No                                   |
| 15 | enableQRCode           | To generate QR code on supported files while upload i.e. pdf                        | No                                   |
| 16 | isShareLinkAllow       | Allow to generate share link                                                        | No                                   |
| 17 | isPublic               | Make folder public                                                                  | No                                   |
| 18 | includePublicSubFolder | To make subfolders public too while set isPublic TRUE.                              | No                                   |

Note : To enable following setting project level setting must be true. If it's not specify then default value will be as per project level setting.

1. enableQRCode
2. isShareLinkAllow

List of permissions can be assign are as below:

- PERMISSION\_ID\_FOR\_NO\_ACCESS = 1
- PERMISSION\_ID\_FOR\_VIEW\_AND\_DOWNLOAD = 2
- PERMISSION\_ID\_FOR\_PUBLISH = 3
- PERMISSION\_ID\_FOR\_ADMIN = 4
- PERMISSION\_ID\_FOR\_VIEW\_AND\_LINK = 5
- PERMISSION\_ID\_FOR\_PUBLISH\_AND\_LINK = 6
- PERMISSION\_ID\_FOR\_VIEW\_ONLY = 7

## Default Fields Returned

This will return folder details of the newly created Folder of Workspace The resultant data would be similar to the text as follows:

| FieldName  | Description                           |
|------------|---------------------------------------|
| FolderName | Return name of folder that is created |



|                |                                                   |
|----------------|---------------------------------------------------|
| FolderID       | Return id of folder                               |
| ParentFolderID | Return id of parent folder                        |
| URI            | Return URI tag value to create child folder on it |
| URI            | Return URI tag value to upload document on folder |



## 6.13 Update Folder API Service

The Update Folder API allow to update details of folder. Extract the session id from the xml of the login API Call <Sessionid> tag from the resultant xml of Login API and URI tag for Folder detail from Workspace List API to execute Update Folder API Service.

- ➔ User must have been logged in and executed Workspace List as well as the Workspace Folder List API Function
- ➔ User must have executed Workspace User and Roles list API to get the Workspace User and Roles list
- ➔ User must have executed the Permission List API to get the available permissions and permission Ids
- ➔ Use the following cURL command to Update Folder

```
curl --data "folderdetails={
 'folderName': '{folder Name}',
 'security': {
 'defaults': [{
 'accessId': {Default PermisssionId}
 }],
 'users': [{
 'hashedUserId': {Workspace UserId},
 'accessId': {PermissionId assign to User}
 },{
 'hashedUserId': {Workspace UserId},
 'accessId': {PermissionId assign to User}
 }],
 'roles': [{
 'roleId': {Workspace RoleId},
 'accessId': {PermissionId assign to Role}
 },{
 'roleId': {Workspace RoleId},
 'accessId': {PermissionId assign to Role}
 }
]
},
'settings': {
 'isPrivateOnUpload': {To enable option true/false},
 'isEditOnUpload': {To enable option true/false},
 'enableSimpleUpload': {To enable option true/false},
 'enableQRCode': {To enable option true/false},
 'isDeactivate': {1 or 2 (1 for Deactive folder, 2 for Reactive folder)},
}
```





```

 'isShareLinkAllow': {To enable option true/false},
 'isPublic': {To enable option true/false},
 'includePublicSubFolder': {To enable option true/false}
 }
}"

```

Sample JSON:

```

{
 'folderName' : 'update_folder',

 'security': {
 'defaults': [{
 'accessId':1
 }],
 'roles': [{
 'roleId': 161078$$S6cspT,
 'accessId': 1
 }],
 'users': [{
 'hashedUserId': 1544944$$JgetAV,
 'accessId': 1
 },{
 'hashedUserId': 4042$$UdHZ5y,
 'accessId': 1
 }
],

 'settings' : {
 'isPrivateOnUpload': false,
 'isEditOnUpload': false,
 'enableSimpleUpload': false,
 'enableQRCode': false,
 'isShareLinkAllow': false,
 'isPublic': false,
 'includePublicSubFolder': false
 }
}

```

--cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call> <URI tag value for UpdateFolder API call from the resultant XML of Workspace Folder List API call >

### Input Parameters

| Parameter Name | Description                                          |
|----------------|------------------------------------------------------|
| --cacert       | Asite certificate file path                          |
| ASessionID     | session ID from the resultant XML of Login API call> |



|               |                                                                                                   |
|---------------|---------------------------------------------------------------------------------------------------|
| <URI>         | URI tag value for update folder API call from the resultant XML of Workspace Folder List API call |
| folderdetails | Json of folder details                                                                            |

### JSON input fields

| No | JSON Field             | Description                                                                         | Mandatory                            |
|----|------------------------|-------------------------------------------------------------------------------------|--------------------------------------|
| 1  | folderdetails          | Details of folder to be create                                                      | Yes                                  |
| 2  | folderName             | Name of folder                                                                      | Yes                                  |
| 3  | defaults               | Define default permission of folder                                                 | No                                   |
| 4  | accessId               | Default PermissionId to be assign                                                   | No                                   |
| 5  | users                  | List of workspace users needs to be add in folder                                   | No                                   |
| 6  | hashedUserId           | UserId of each user                                                                 | No                                   |
| 7  | accessId               | PermissionId assign to user                                                         | Yes (only If set hashedUserId value) |
| 8  | roles                  | List of workspace roles needs to be add in folder                                   | No                                   |
| 9  | roleId                 | RoleId of each user                                                                 | No                                   |
| 10 | accessId               | PermissionId assign to role                                                         | Yes (only If set roleId value)       |
| 11 | settings               | define values for different option to be set                                        | No                                   |
| 12 | isPrivateOnUpload      | To make "Publish as Private" option TRUE while upload document                      | No                                   |
| 13 | isEditOnUpload         | Allow user to modify selection of "Publish as Private" option while upload document | No                                   |
| 14 | enableSimpleUpload     | Allow user to upload document without fill metadata                                 | No                                   |
| 15 | enableQRCode           | To generate QR code on supported files while upload i.e. pdf                        | No                                   |
| 16 | isDeactivate           | To deactivate folder                                                                | No                                   |
| 17 | isShareLinkAllow       | Allow to generate share link                                                        | No                                   |
| 18 | isPublic               | Make folder public                                                                  | No                                   |
| 19 | includePublicSubFolder | To make subfolders public too while set isPublic TRUE.                              | No                                   |

Note : To enable following setting project level setting must be true. If it's not specify then default value will be as per project level setting.

1. enableQRCode
2. isShareLinkAllow

### List of permissions can be assign are as below:

- PERMISSION\_ID\_FOR\_NO\_ACCESS = 1
- PERMISSION\_ID\_FOR\_VIEW\_AND\_DOWNLOAD = 2
- PERMISSION\_ID\_FOR\_PUBLISH = 3
- PERMISSION\_ID\_FOR\_ADMIN = 4
- PERMISSION\_ID\_FOR\_VIEW\_AND\_LINK = 5
- PERMISSION\_ID\_FOR\_PUBLISH\_AND\_LINK = 6
- PERMISSION\_ID\_FOR\_VIEW\_ONLY = 7



## Default Fields Returned

This will return folder details of the updated Folder of Workspace. The resultant data would be similar to the text as follows:

| FieldName      | Description                           |
|----------------|---------------------------------------|
| FolderName     | Return name of folder that is created |
| FolderID       | Return id of folder                   |
| ParentFolderID | Return id of parent folder            |

## 6.14 DocAccessDetail List API Service

The DocAccessDetail List API returns the access history details of all the revisions of a specific document.

### Usage Rules

- ➔ User must have been logged in and executed Workspace List as well as the Workspace Folder List API Function
- ➔ User must have executed Document list API to get the document list
- ➔ Use the following cURL command to View DocAccessDetails

```
curl--cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call>" --data "<DocAccessDetail URI tag value from the resultant XML of Document List API call>"
```

### Input Parameters

| Parameter Name | Description                                                                                 |
|----------------|---------------------------------------------------------------------------------------------|
| --cacert       | Asite certificate file path                                                                 |
| ASessionID     | session ID from the resultant XML of Login API call>                                        |
| <URI>          | URI tag value for DocAccessDetail API call from the resultant XML of Document List API call |

## Default Fields Returned

This will return audit history details of the document revisions. The resultant data would be similar to the text as follows:

| FieldName    | Description                           |
|--------------|---------------------------------------|
| UserName     | Returns access user name of document  |
| OrgName      | Returns organisation name of document |
| AccessDate   | Returns access date of document       |
| AccessId     | Returns access id of document         |
| IssueNo      | Returns issue no of document          |
| RevisionName | Returns revision id of document       |
| AccessType   | Returns type of access of document    |
| Remarks      | Returns remarks made on document      |



## 6.15 Create Workspace API Service

The Create Workspace API Service creates a workspace within Asite. Extract the session id from the xml of the login API Call ie <Sessionid> tag from the resultant xml of Login API to execute Create Workspace API Service.

### Usage Rules

- ➔ User must have been logged in to the Asite Platform using Login API Function
- ➔ Use the following cURL command to Create Asite workspace  

```
curl -- data "name=<ABC Test>&ownerOrgId=<hashedOrgId>&ownerOrgName=<Test Org>&spaceTypeid=<hashedSpaceTypeid>&spaceTypeName=<spaceTypeName>&dataCenterId=<1 or 2>&bimEnabled=<true/false>&workspaceSubscriptionType=<1 or 2>"&workspaceTypeid =0" --cookie ASessionID="<session ID from the resultant XML of Login API call> --cacert "<certificate filepath>\AsiteAPI.cer"
https://dms.asite.com/api/create/createWorkspace
```

### Input Parameters

| Parameter Name | Description                                                                                                                                                                                                                                                                                                    |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| --cacert       | Asite certificate file path                                                                                                                                                                                                                                                                                    |
| ASessionID     | session ID from the resultant XML of Login API call>                                                                                                                                                                                                                                                           |
| <URI>          | URI tag value for createWorkspace API call from the resultant XML of Login API call                                                                                                                                                                                                                            |
| name           | Name of the Workspace                                                                                                                                                                                                                                                                                          |
| ownerOrgId     | Hashed organisation Id from resultant XML of Organisation List API service.                                                                                                                                                                                                                                    |
| ownerOrgName   | Name of the organisation from resultant XML of Organisation List API service.                                                                                                                                                                                                                                  |
| spaceTypeid    | Hashed Space type id of the workspace to be created from resultant XML of Application Type List API Service.<br><br>PROJECT_WORKFLOW_TYPE_ID=1<br>PROJECT_WORKSPACE_TYPE_ID=2<br>ENTERPRISE_WORKSPACE_TYPE_ID=4<br>PERSONALISED_WORKSPACE_TYPE_ID=5<br>TENDER_WORKSPACE_TYPE_ID=6<br>BUYER_WORKSPACE_TYPE_ID=7 |
| spaceTypeName  | Space type name of the workspace to be created from resultant XML of Application Type List API Service.                                                                                                                                                                                                        |
| datacenterId   | Data center id of the workspace from resultant XML of DataCenter List API Service.<br><br>UK_DATA_CENTER=1                                                                                                                                                                                                     |



|                           |                                                                                                                                                                    |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                           | US_DATA_CENTER=2                                                                                                                                                   |
| bimEnabled                | Create project is Bim enabled or not<br>true or false [case sensitive must be in small letters]                                                                    |
| workspaceSubscriptionType | Workspace subscription type Id from resultant XML of Workspace Subscription Type List API Service.<br><br>PROJECT_FLAT_FEE_BASED=1<br>PROJECT_SUBSCRIPTION_BASED=2 |
| workspaceTypeid           | Workspace type id (i.e. workspace or workspace template)<br>WORKSPACE_TYPE_SIMPLE_ID = 0;<br>WORKSPACE_TYPE_TEMPLATE_ID = 1;                                       |

### Default Fields Returned

| Fieldname   | Description                                                                                                                     |
|-------------|---------------------------------------------------------------------------------------------------------------------------------|
| Status      | Returns status of the create workspace process                                                                                  |
| Entity id   | Returns project ID of the newly created workspace                                                                               |
| Entity type | Returns type of the create operation done                                                                                       |
| URI         | Returns URI tag value for Save Additional Details, Assign Companies, Assign Administrators and Set Workspace Settings API calls |

### WebServiceURL:

<https://dms.asite.com/api/create/createWorkspace> > createworkspace.xml

### Sample Return Xml:

```
<? xml version="1.0" encoding="ISO-8859-1"?>
<create-entity-vO generate-uRI="true">
 <status>Successful</status>
 <entity-id>{#projectId}</id>
 <entity-type>Create Workspace</type>
 <error-message>{#Failure cause message}</ error-message >
 <uri>https://dms.asite.com/api /create/{#projectId}/saveAdditionalDetails</uri>
 <uri> https://dms.asite.com/api /create/{#projectId}/assignCompanies</uri>
 <uri> https://dms.asite.com/api /create/{#projectId}/assignAdmins</uri>
 <uri> https://dms.asite.com/api /create/{#projectId}/setWorkspaceSettings</uri>
</ create-entity-vO>
```



## 6.16 Create Workspace Template API Service

The Create Workspace Template API Service creates a workspace template on Asite. Extract the session id from the xml of the login API Call <Sessionid> tag from the resultant xml of Login API to execute Create Workspace Template API Service.

### Usage Rules

- ➔ User must have been logged in to Asite Platform using Login API Function
- ➔ Use the following cURL command to Create Asite workspace template  

```
curl -- data "name=<ABC Test Template>&ownerOrgId=<hashedOrgId>&ownerOrgName=<Test Org>&spaceTypeId=<hashedSpaceTypeId>&spaceTypeName=<spaceTypeName>&dataCenterId=<1 or 2>&bimEnabled=<true/false>&workspaceSubscriptionType=<1 or 2>"&workspaceTypeId=1" --cookie ASessionID="<session ID from the resultant XML of Login API call> --cacert "<certificate file path>\AsiteAPI.cer"
https://dms.asite.com/api/create/createWorkspace
```

### Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call>
<URI>	URI tag value for createWorkspace API call from the resultant XML of Login API call
name	Name of the Workspace
ownerOrgId	Hashed organisation Id from resultant XML of Organisation List API service.
ownerOrgName	Name of the organisation from resultant XML of Organisation List API service.
spaceTypeId	Hashed Space type id of the workspace to be created from resultant XML of Application Type List API Service.  PROJECT_WORKFLOW_TYPE_ID=1 PROJECT_WORKSPACE_TYPE_ID=2 ENTERPRISE_WORKSPACE_TYPE_ID=4 PERSONALISED_WORKSPACE_TYPE_ID=5 TENDER_WORKSPACE_TYPE_ID=6 BUYER_WORKSPACE_TYPE_ID=7
spaceTypeName	Space type name of the workspace to be created from resultant XML of Application Type List API Service.
datacenterId	Data centre id of the workspace from resultant XML of Datacentre List API Service.  UK_DATA_CENTER=1 US_DATA_CENTER=2



bimEnabled	Specify save this workspace as bim enabled or not [true / false] [case sensitive and it must be in small letters]
workspaceSubscriptionType	Workspace subscription type Id from resultant XML of Workspace Subscription Type List API Service.  PROJECT_FLAT_FEE_BASED=1 PROJECT_SUBSCRIPTION_BASED=2
workspaceTypeid	Workspace type id (i.e. workspace or workspace template) WORKSPACE_TYPE_SIMPLE_ID = 0; WORKSPACE_TYPE_TEMPLATE_ID = 1;

### Default Fields Returned

Fieldname	Description
Status	Returns status of the create workspace template process
Entity id	Returns project ID of the newly created workspace template
Entity type	Returns type of the create operation done
URI	Returns URI tag value for Save Additional Details, Assign Companies, Assign Administrators and Set Workspace Settings API calls

### WebServiceURL:

<https://dms.asite.com/api/create/createWorkspace> > createworkspaceTemplate.xml

### Sample Return Xml:

```
<? xml version="1.0" encoding="ISO-8859-1"?>
<create-entity-v0 generate-uri="true">
 <status>Successful</status>
 <entity-id>{#projectId}</id>
 <entity-type>Create Workspace Template</type>
 <error-message>{#Failure cause message}</ error-message >
 <uri>https://dms.asite.com/api /create/{#projectId}/saveAdditionalDetails</uri>
 <uri> https://dms.asite.com/api /create/{#projectId}/assignCompanies</uri>
 <uri> https://dms.asite.com/api /create/{#projectId}/assignAdmins</uri>
 <uri> https://dms.asite.com/api /create/{#projectId}/setWorkspaceSettings</uri>
</ create-entity-v0>
```





## 6.17 Save Additional Details API Service

The Save Additional Details API Service saves additional details specified for an existed workspace. Extract the session id from the xml of the login API Call <Sessionid> tag from the resultant xml of Login API and URI from resultant XML of create workspace API call to execute Save Additional Details API Service.

### Usage Rules

- ➔ User must have been logged in and executed Workspace List API Function or Create Workspace API Function or Create Workspace Template API Function.
- ➔ Use the following cURL command to Save Additional Details  

```
curl -- data "projectId=<project ID>&description=Test Description
&projectPhaseId=0&addressLine1=Test Address1&addressLine2=Test Address2&
addressLine3=Test Address3 &postcode=1234567 &countryID=19&telNumber=123456
&faxNumber=111111 &brandingId=0 &appliedTags=Test, API,Thru &enableInNavigator=true
&contractNumber=ASI00TAPI &enableSimpleUpload=true ®ionId=49 &startDate=9-Sep-2011
&estFinishDate=5-Oct-2011"
--cookie ASessionID="<session ID from the resultant XML of Login API call>
--cacert "<certificate file path>\AsiteAPI.cer"
https://dms.asite.com/api/create/{projectId}/saveAdditionalDetails
```

### Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call>
<URI>	URI tag value for save additional details API call from the resultant XML of Create workspace or Create Workspace template API call
projectId	Hashed project id collected from resultant xml of Workspace list API or Create Workspace API or Create Workspace Template API call
description	Description to be saved for a workspace or workspace template
projectPhaseId	Numeric id of the project phase picked up from resultant XML of Project Phases API call
addressLine1	Address line 1 of the workspace location
addressLine2	Address line 2 of the workspace location
addressLine3	Address line 3 of the workspace location
postCode	Postcode of the workspace location
countryID	Numeric id of the country picked up from resultant XML of Get Country codes list API call
telNumber	Telephone number of the workspace location
faxNumber	Fax number of the workspace location
brandingId	Numeric id of the branding that needs to be applied to the workspace /workspace template
appliedTags	Comma separated strings that needs to be tagged to the workspace / workspace template



enableInNavigator	Specify enable this workspace in navigator or not[true / false]
contractNumber	Alpha numeric String Contract number to be appended to the workspace / workspace template
enableSimpleUpload	Specify simple upload needs to be enabled in this workspace or not [true / false]
regionId	Numeric id of a country region picked up from resultant XML of the Get Country Regions List API call
startDate	<p>Start date of the workspace or workspace template.</p> <p>Here user needs to specify the date according to his/her locale.</p> <p>For example</p> <p>UK user must specify date in dd-MMM-yyyy [14-Sep-2011] format</p> <p>And</p> <p>US user must specify date in MMM dd, yyyy [Sep 14, 2011] format</p>
estFinishDate	<p>Estimated finish date of the workspace.</p> <p>Here user needs to specify the date according to his locale.</p> <p>For example</p> <p>UK user must specify date in dd-MMM-yyyy [14-Sep-2011] format</p> <p>And</p> <p>US user must specify date in MMM dd, yyyy [Sep 14, 2011] format</p>

### Default Fields Returned

Fieldname	Description
Status	Returns status of the save additional details process
Entity type	Returns type of the create /save operation done

### WebServiceURL:

<https://dms.asite.com/api/create/{projectId}/saveAdditionalDetails>> saveAdditionalDetails.xml

Sample Return Xml:

```
<? xml version="1.0" encoding="ISO-8859-1"?>
<create-entity-vO generate-uRI="true">
 <status>Successful</status>
 <entity-type>Save additional details</entity-type>
 <error-message>{#Failure cause message}</error-message>
</create-entity-vO>
```



## 6.18 Assign Companies to workspace API Service

The Assign companies to workspace API service assigns specified companies to specified workspace or workspace template. Extract the session id from the xml of the login API Call <Sessionid> tag from the resultant xml of Login API and URI from resultant XML of create workspace API call to execute Assign companies to workspace API Service.

### Usage Rules

- ➔ User must have been logged in and executed Workspace List API Function or Create Workspace API Function or Create Workspace Template API Function.
- ➔ Use the following cURL command to Assign companies to workspace or workspace template  

```
curl -- data " projectId=53859$$e9koPj
&newAssignOrgIds=3$$GAOy6Z,10$$AoeshB,12$$RQieYm,14$$LHoIAG,"
--cookie ASessionID="<session ID from the resultant XML of Login API call>
--cacert "<certificate file path>\AsiteAPI.cer"
https://dms.asite.com/api/create/{projectId}/assignCompanies
```

### Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call>
<URI>	URI tag value for Assign Companies to Workspace API call from the resultant XML of Create workspace or Create Workspace template API call
projectId	Hashed project id collected from resultant xml of Workspace list API or Create Workspace API or Create Workspace Template API call
newAssignOrgIds	Comma separated hashed org ids collected from resultant XML of Organisation List API call

### Default Fields Returned

Fieldname	Description
Status	Returns status of the Assign Companies to Workspace process
Entity type	Returns type of the assign operation done

### WebServiceURL:

<https://dms.asite.com/api/create/{projectId}/assignCompanies>> assignCompanies.xml

### Sample Return Xml:

```
<? xml version="1.0" encoding="ISO-8859-1"?>
<create-entity-vO generate-uri="true">
 <status>Successful</status>
 <entity-type>Assign Companies to Workspace</entity-type>
 <error-message>{#Failure cause message}</ error-message >
</ create-entity-vO>
```



## 6.19 Assign Administrators to Workspace API Service

The Assign Administrators to workspace API service assigns specified users as administrators to specified workspace or workspace template. Extract the session id from the xml of the login API Call <Sessionid> tag from the resultant xml of Login API and URI from resultant XML of create workspace API call to execute Assign Administrators to workspace API Service.

### Usage Rules

- ➔ User must have been logged in and executed Workspace List API Function or Create Workspace API Function or Create Workspace Template API Function.
- ➔ Use the following cURL command to Assign companies to workspace or workspace template  

```
curl -- data " projectId=53859$$e9koPj &
newAssignUserIds=17$$AqGIMr,14207$$PBWZKF,11663$$xGFZCx,"
--cookie ASessionID="<session ID from the resultant XML of Login API call>
--cacert "<certificate file path>\AsiteAPI.cer"
https://dms.asite.com/api/create/{projectId}/assignAdmins
```

### Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call>
<URI>	URI tag value for Assign Companies to Workspace API call from the resultant XML of Create workspace or Create Workspace template API call
projectId	Hashed project id collected from resultant xml of Workspace list API or Create Workspace API or Create Workspace Template API call
newAssignUserIds	Comma separated hashed User ids collected from resultant XML of Organisation User List API call

### Default Fields Returned

Fieldname	Description
Status	Returns status of the Assign Administrators to Workspace process
Entity type	Returns type of the assign operation done

### WebServiceURL:

<https://dms.asite.com/api/create/{projectId}/assignAdmins>> assignAdmins.xml

### Sample Return Xml:

```
<? xml version="1.0" encoding="ISO-8859-1"?>
<create-entity-vO generate-uRI="true">
 <status>Successful</status>
 <entity-type>Assign Administrators to Workspace</entity-type>
 <error-message>{#Failure cause message}</ error-message >
</ create-entity-vO>
```



## 6.20 Save Workspace Settings API service

The Save Workspace Settings API service assigns specified users as administrators to specified workspace or workspace template. Extract the session id from the xml of the login API Call <Sessionid> tag from the resultant xml of Login API and URI from resultant XML of create workspace API call to execute Save Workspace Settings API Service.

### Usage Rules

→ User must have been logged in and executed Workspace List API Function or Create Workspace API Function or Create Workspace Template API Function.

→ Use the following cURL command to Save workspace Settings

```
curl --data "
docListSortFieldId=5&docListSortOrderValue=0&docDistSortFieldId=28&docDistSortOrderValue=
1&docBasketSortFieldId=11&docBasketSortOrderValue=0&comRegSortFieldId=23&comRegSort
OrderValue=1&formListSortFieldId=42&formListSortOrderValue=0&formBasketSortFieldId=45&for
mBasketSortOrderValue=1&formDistSortFieldId=57&formDistSortOrderValue=0&docsPerPage=5
0&formsPerPage=100&checkOutPref=true&checkComparePref=false&checkCreateCommentPref
=true&checkViewDocumentPoi=false&checkPrintDocumentPoi=true&checkViewDocumentStatus
=true&checkPrintDocumentStatus=false&publishPrivateDocRevPref=true"
```

--cookie ASessionID="<session ID from the resultant XML of Login API call>

--cacert "<certificate file path>\AsiteAPI.cer"

<https://dms.asite.com/api/create/{projectId}/setWorkspaceSettings>

### Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call>
<URI>	URI tag value for Save Workspace Settings API call from the resultant XML of Create workspace or Create Workspace template API call
projectId	Hashed project id collected from resultant xml of Workspace list API or Create Workspace API or Create Workspace Template API call
docListSortFieldId	Numeric id of doc listing sort options collected from resultant XML of Get Workspace Setting Sort Options API call
docListSortOrderValue	Numeric value to specify doc listing sort order Ascending order =0 Descending order =1
docDistSortFieldId	Numeric id of doc dist. report sort options collected from resultant XML of Get Workspace Setting Sort Options API call
docDistSortOrderValue	Numeric value to specify doc dist. report sort order Ascending order =0 Descending order =1
docBasketSortFieldId	Numeric id of doc basket sort options collected from resultant XML of Get Workspace Setting Sort Options API call
docBasketSortOrderValue	Numeric value to specify doc basket sort order



	Ascending order =0 Descending order =1
comRegSortFieldId	Numeric id of comment register sort options collected from resultant XML of Get Workspace Setting Sort Options API call
comRegSortOrderValue	Numeric value to specify comment register sort order Ascending order =0 Descending order =1
formListSortFieldId	Numeric id of Form listing sort options collected from resultant XML of Get Workspace Setting Sort Options API call
formListSortOrderValue	Numeric value to specify Form Listing sort order Ascending order =0 Descending order =1
formBasketSortFieldId	Numeric id of Form basket sort options collected from resultant XML of Get Workspace Setting Sort Options API call
formBasketSortOrderValue	Numeric value to specify Form basket sort order Ascending order =0 Descending order =1
formDistSortFieldId	Numeric id of Form Dist. report sort options collected from resultant XML of Get Workspace Setting Sort Options API call
formDistSortOrderValue	Numeric value to specify Form dist. report sort order Ascending order =0 Descending order =1
docPerPage	Numeric value Docs per page to be displayed in all document listings of the workspace [25 or 50 or 100 or 250]
formPerPage	Numeric value forms per page to be displayed in all form listings of the workspace [25 or 50 or 100 or 250]
checkOutPref	Specify document check out needs to be enabled in this workspace or not [true / false]
checkComparePref	Specify document compare needs to be enabled in this workspace or not [true / false]
checkCreateCommentPref	Specify create comment preferences needs to be enabled in this workspace or not [true / false]
checkViewDocumentPoi	Specify view document POI preference needs to be enabled in this workspace or not [true / false]
checkPrintDocumentPoi	Specify Print document POI preference needs to be enabled in this workspace or not [true / false]
checkViewDocumentStatus	Specify View Document Status preference needs to be enabled in this workspace or not [true / false]



checkPrintDocumentStatus	Specify Print Document Status preference needs to be enabled in this workspace or not [true / false]
publishPrivateDocRevPref	Specify Publish private doc. revisions to folders preference needs to be enabled in this workspace or not [true / false]

### Default Fields Returned

Fieldname	Description
Status	Returns status of the Set Workspace Settings process
Entity type	Returns type of the save operation done

### WebServiceURL:

<https://dms.asite.com/api/create/{projectId}/setWorkspaceSettings>> setWorkspaceSettings.xml

### Sample Return Xml:

```
<? xml version="1.0" encoding="ISO-8859-1"?>
<create-entity-vO generate-uri="true">
 <status>Successful</status>
 <entity-type>Set Workspace Settings</entity-type>
 <error-message>{#Failure cause message}</error-message>
</create-entity-vO>
```

## 6.21 Create Asite Organisation API Service

The Create Asite Organisation API Service creates an organisation with user specified details

### Usage Rules

- ➔ User must have been logged in to Asite Platform using Login API Function
- ➔ Use the following cURL command to Create Asite Organisation
- ➔ Curl --data "orgName={ name }& countryId={ countryId }" --cacert "<certificatefilepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call>" <URI tag value for CreateOrganization from the resultant XML of Login API call>

### Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call>
<URI>	URI tag value for <b>createOrganisation</b> API call from the resultant XML of Login API call
--data orgName	Name of Organization
countryId	Country Id from result XML of GetCountryListForPortal API Service



**WebServiceURL:**

<https://dms.asite.com/api/{servicePath}/createOrganization/{authorizationId}> >CreateOrganization.xml

**Sample Return Xml:**

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<Organization>
 <name>AsiteTest1</name>
 <organizationId>430709</organizationId>
</Organization>
```

**Default Fields Returned:**

FieldName	Description
Name	Returns boolean specified for agreedToTermsOfUse
OrganizationId	Returns screenName to be displayed on screen

**6.22 Create Asite User API Service**

The Create User API Service creates and add a user on Asite.

**Usage Rules**

- ➔ User must have been logged in to Asite Platform using Login API Function
- ➔ Create user access check applied.
- ➔ The required JSON format for create user is mentioned below.

```
{
 "userEmail" : <user Email address>,
 "org_id" : <organization Id of the user>,
 "prefixName" : <prefix name>,
 "fName" : <first name>,
 "mName" : <middle name>,
 "lName" : <last name>,
 "jobTitle" : <job title of user>,
 "language" : <language of user>,
 "userAccessView" : <access view of user>,
 "start_date" : <start date of subscription>,
 "end_date" : <end date of subscription>,
 "never_exp" : <Expiry of subscription>,
 "subscriptionPlanName" : <subscription plan name>,
 "billToOrgId" : <Biller organization id>,
 "contractNumber" : <Asite contract number>,
 "emailNotification" : <Email notification send to subscribed user>,
 "comments" : <comments of user>
}
```



**Input Parameters:**

Parameter Name	Description	Mandatory
--cacert	Asite certificate file path	Yes
ASessionID	session ID from the resultant XML of Login API call>	Yes
<URI>	URI tag value for <b>createUser</b> API call from the resultant XML of Login API	Yes
userDetails	Create user details json	Yes

**JSON input fields:**

No	JSON Field	Description	Mandatory
1	userEmail	Email address of the user	Yes
2	org_id	Organization Id of the user. It can get from OrganisationId tag value of resultant XML of Login API.	Yes
3	prefixName	Prefix of the user name	No
4	fName	First name of the user	Yes
5	mName	Middle name of the user	No
6	lName	Last name of the user	Yes
7	jobTitle	Job title of the user	No
8	language	Language of the user	Yes
9	userAccessView	It defines user access view	Yes
10	start_date	Start date of subscription plan	Yes
11	end_date	End date of subscription plan	Yes (No – if never expire is true)
12	never_exp	true - User subscription will never end. false – expire subscription on end_date.	No
13	subscriptionPlanName	Subscription plan assigning to user	Yes
14	billToOrgId	Billing organization for the user. OrganizationId value can get from OrganisationId tag value of resultant XML of Login API.	Yes (If not changed organization id value can assign)
15	contractNumber	Asite contract number of the user	No
16	emailNotification	Send instance email to subscribe user. (true – send email. false – email not send)	No
17	comments	Comments of the user	No

**Please refer below table for parameter values:**

Parameter Name	Values
prefixName	Dr Mr Mrs Ms
subscriptionPlanName	Key Lite



	Key Professional Key Enterprise
userAccessView	Classic Adoddle Both
language	English(United Kingdom) English(United States) English(Canada) France(Français) Русский(Russia) Español(Spain) English(Australia) 中文(China) Deutsch(Germany) Gaeilge(Ireland) English(South Africa) العربية(Saudi Arabia) 日本語(Japan)

### WebServiceURL:

<https://dms.asite.com/api/{servicePath}/createUser> >createUser.xml

Sample cURL command to call create user API:

```
curl --data "userDetails={'userEmail':'jharkhani@asite.com','org_id': '3$$cLm8a3','prefixName': 'Mr','fName': 'Jay','mName': 'M','lName': 'Harkhani','jobTitle': 'Software Developer', 'language': 'English(United Kingdom)','userAccessView': 'Both','start_date': '30-Jan-2017','end_date': '29-Jan-2018','never_exp': false,'subscriptionPlanName': 'Key Lite','contractNumber': '147528', 'billToOrgId': '3$$cLm8a3','emailNotification': true,'comments':'User Registration No. 452178'}" --cacert".\AsiteAPI.cer" --cookie ASessionID="osYX8ZHWNUsfQQGm8WKI2qg8uD2R8SnYDoUY0dNjw6I=" https://dmsak.asite.com/api/portal/createUser >createUser.xml
```

### Sample Return Xml:

```
<?xml version="1.0" encoding="UTF-8"?>
<User>
 <EmailId>jharkhani@asite.com</EmailId>
 <UserId>879712</UserId>
</User>
```

### Default Fields Returned:

FieldName	Description
EmailId	Returns email address of the created user
UserId	Returns the numeric id of created user



## 6.23 Get Country List for Portal API Service

The Get CountryList for Portal API Service returns list of countries to be used for Portal

### Usage Rules

- ➔ User must have been logged in to Asite Platform using Login API Function
- ➔ Use the following cURL command for Country List API Service

```
curl --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call>" --uri "<URI tag value for Get CountryList for Portal from the resultant XML of Login API call>"
```

### Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call
<URI>	URI tag value for Get CountryList for Portal from the resultant XML of Login API call

### WebServiceURL:

<https://dms.asite.com/api/{servicePath}/getCountryListForPortal> >CountryListforPortal.xml

### Sample Return Xml:

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<Countries>
 <Country>
 <countryId>20</countryId>
 <name>Afghanistan</name>
 </Country>
 <Country>
 <countryId>21</countryId>
 <name>Albania</name>
 </Country>
</Countries>
```

### Default Fields Returned

FieldName	Description
countryId	Returns the numeric id of Country
name	Returns name of a Country



## 6.24 Link Document API Service

The Link Document API Service creates a link revision from a source to target folder within a workspace or different workspace (in the same Region).

### Usage Rules:

- ➔ User must have been logged in and executed Workspace List as well as the Workspace Folder List API Function
- ➔ User must have executed Document list API to get the document list and revisionIds
- ➔ User must have executed Workspace POI (Purpose of Issue) List API for the Target workspace to get POI available in Target Workspace.
- ➔ User must have executed Workspace DocStatus List API Service for the Target workspace to get document statuses available in Target Workspace.
- ➔ Use the following cURL command to Link Document

```
curl --data "revisionId=<5486446$$75WQZm,1486446$$75WQ3m>&targetFolderId=<3332$$h54Q3m>&targetProjectId=<4442$$h546im>&linkType=<1/2>&purposeOfIssued=<0>&statusId=<998>" --cookie ASessionID="<session ID from the resultant XML of Login API call>" --cacert "<certificate filepath>\AsiteAPI.cer" <URI tag value for LinkDocument from the resultant XML of Workspace Folder List API call>
```

### Input Parameters:

Parameter Name	Description
--data	
revisionId	Comma separated list of document Rev. Ids to be linked
targetFolderId	Folder Id of the target folder
targetProjectId	Project Id of the target folder
linkType	Type of link STATIC = 1 DYNAMIC=2
purposeOfIssued	Purpose of Issue Id to be assigned to the link file. You can pass 0 which is default POI in any workspace.
statusId	Doc Status Id to be assigned to the link file. You can pass 998 which is default Document status in any workspace.
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call>
<URI>	URI tag value for <b>linkDocument</b> API call from the resultant XML of Document List API call

### WebServiceURL:

[https://dmsak.asite.com/api/workspace/2061092\\$\\$k0Ni06/folder/5729574\\$\\$IQcVf6/LinkDocument](https://dmsak.asite.com/api/workspace/2061092$$k0Ni06/folder/5729574$$IQcVf6/LinkDocument)  
linkDocument.xml

### Sample Return Xml:

```
<?xml version="1.0" encoding="UTF-8"?>
<CreateEntityVO>
```



```
<Type>Link document</Type>
<ID>2090648$$AzHC4p</ID>
<Status>Document Link Successfully </Status>
</CreateEntityVO>
```

## 6.25 Import Document Access History API Service

The Import document access history API Service adds audit history against a specific document revision

### Usage Rules:

- ➔ User must have been logged in and executed Workspace List as well as the Workspace Folder List API Function
- ➔ User must have executed Document list API to get the document list
- ➔ Use the following cURL command to Import Document Access History
- ➔ `curl --data "revisionId =<222>&userId =<123>&actionId =<23>& actionTypeId =<2>& description =<Viewed>&remarks =<Document revision Viewed>&proxyUserId =< 123>&proxyUserId =< 123>&userTypeId =< 1>&actionDate=29-Nov-2011 20:10:30" --cookie ASessionID="<session ID from the resultant XML of Login API call> --cacert "<certificate filepath>\AsiteAPI.cer" https://dms.asite.com/api/importDocumentAccessHistory`

### ➔ Input Parameters:

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call>
<URI>	URI tag value for importDocumentHistory API call from the resultant XML of Document List API call (Appendix F)
*revisionId	Rev. Id of the document
*userId	User id
*actionId	Action id of the document access action ACTION_VIEWED=23 ACTION_DISTRIBUTED=25 ACTION_PRINTED=26 , ETC
*actionTypeId	Action type id of document access type ACCESS_TYPE_VIEWED=2 ACCESS_TYPE_DOWNLOAD=3 ACCESS_TYPE_PRINTED=4 ,ETC
*description	Description about the document access action
*actionDate	Date of particular action (Based on language format of logged user)
remarks	Remarks related to document access action



proxyUserId	Proxy user id
userId	User type id. ONLINE_USER=1 PAPER_USER=2

**Note:** Parameter with '\*' in above table are mandatory.

### Default Fields Returned

This will return on successful import of audit access history details of the document revisions. The resultant data would be similar to the text as follows:

FieldName	Description
Accessed_By	Returns access user name of document
Organisation	Returns organisation name of document
Access_Date	Returns access date of document
AccessId	Returns access id of document
IssueNo	Returns issue no of document
RevisionName	Returns revision id of document
Access_Type	Returns type of access of document
Remarks	Returns remarks made on document

## 6.26 Workspace Users List API Service

The Workspace users API service will return List of active users on a specified workspace.

### Usage Rules

- ➔ User must have been logged in and executed Workspace List API Function
- ➔ Use the following cURL command to Workspace Users List API Service

```
curl --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call>" <URI tag value for Workspace Users List from the resultant XML of Workspace List API call>
```

### Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call
<URI>	URI tag value for Workspace Users List API call from the resultant XML of Workspace List API call



projectId	Specified Project Id
-----------	----------------------

**WebServiceURL:**

*https://dms.asite.com/api/{servicePath}/{projectId}/getWorkspaceUsers >workspaceUsers.xml*

**Sample Return Xml:**

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<asiteDataList>
 <UserCommon_VO>
 <User_Id>414819$$kdNQbh</User_Id>
 <User_Name>abctest12test</User_Name>
 <User_Status>1</User_Status>
 <User_Role>Workspace-Administrator , Bidder</User_Role>
 </UserCommon_VO>
 <UserCommon_VO>
 <User_Id>379501$$QxBRaf</User_Id>
 <User_Name>xyz</User_Name>
 <User_Status>1</User_Status>
 <User_Role>Workspace-Administrator , Test</User_Role>
 </UserCommon_VO>
 <UserCommon_VO>
 <User_Id>412601$$7JH0RQ</User_Id>
 <User_Name>AmrutDhudiya</User_Name>
 <User_Status>1</User_Status>
 <User_Role>Workspace-Administrator , Test</User_Role>
 </UserCommon_VO>
</asiteDataList>
```

**Default Fields Returned**

FieldName	Description
UserId	Returns the numeric id of a workspace user
UserName	Returns name of a workspace user
UserStatus	Returns status of user on workspace
UserRole	Returns role/roles of user on workspace

**6.27 Workspace Roles API Service**

The Workspace roles API service will return the collection of user roles active on a specified workspace.

**Usage Rules**

- ➔ User must have been logged in and executed Workspace List API Function
- ➔ Use the following cURL command for Workspace Roles API Service

```
curl --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call>" --uri "<URI tag value for GetWorkspaceRoles from the resultant XML of Workspace List API call>"
```



## Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call
<URI>	URI tag value for Workspace Roles from the resultant XML of Workspace List API call

## WebServiceURL:

<https://dms.asite.com/api/{servicePath}/{projectId}/getWorkspaceroles >workspaceRoles.xml>

## Sample Return Xml:

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<asiteDataList>
 <role_-vO generate-uri="true">
 <role-id>59045$$gcJrZy</role-id>
 <name>My Test Role</name>
 </role_-vO>
 <role_-vO generate-uri="true">
 <role-id>58338$$NpKQYQ</role-id>
 <name>Test's</name>
 </role_-vO>
 <role_-vO generate-uri="true">
 <role-id>58218$$ujSx1Z</role-id>
 <name>Workspace - Administrator</name>
 </role_-vO>
</asiteDataList>
```

## Default Fields Returned

FieldName	Description
Role Id	Returns the numeric id of a workspace role
Role name	Returns name of a workspace role

## 6.28 Workspace POI(Purpose Of Issue) List API Service

The Workspace POI (Purpose Of Issue) List API Service will return the collection of types of POI available for a specified workspace.

### Usage Rules

- ➔ User must have been logged in and executed Workspace List API Function
- ➔ Use the following cURL command for Workspace POI List API Service

```
curl --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call>" <URI tag value for Workspace POI List from the resultant XML of Workspace List API call>
```

## Input Parameters

Parameter Name	Description
----------------	-------------





--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call
<URI>	URI tag value for Workspace POI List from the resultant XML of Workspace List API call

### WebServiceURL:

<https://dms.asite.com/api/{servicePath}/{projectId}/getpoiForWorkspace >workspacePOI.xml>

### Sample Return Xml:

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<asiteDataList>
 <POI_VO>
 <POI_Id>0</POI_Id>
 <PurposeOfIssue>----</PurposeOfIssue>
 </POI_VO>
 <POI_VO>
 <POI_Id>1</POI_Id>
 <PurposeOfIssue>For Review</PurposeOfIssue>
 </POI_VO>
 <POI_VO>
 <POI_Id>1</POI_Id>
 <PurposeOfIssue>POI 1</PurposeOfIssue>
 </POI_VO>
</asiteDataList>
```

### Default Fields Returned

FieldName	Description
POI Id	Returns the numeric id of POI Type
PurposeOfIssue	Returns name of POI Type of a workspace

## 6.29 Workspace DocStatus List API Service

The Workspace Doc Status API service will return the collection of DocStatus Types available for a specified workspace.

### Usage Rules

- ➔ User must have been logged in and executed Workspace List API Function
- ➔ Use the following cURL command for Workspace DocStatus Type API Service

```
curl --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call>" <URI tag value for Workspace DocStatus Type from the resultant XML of Workspace List API call>
```

### Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path



ASessionID	session ID from the resultant XML of Login API call
<URI>	URI tag value for Workspace DocStatus Type from the resultant XML of Workspace List API call

**WebServiceURL:**

*https://dms.asite.com/api/{servicePath}/{projectId}/getDocStatusForWorkspace >workspacedocStatus.xml*

**Sample Return Xml:**

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<asiteDataList>
 <status-vO generate-uri="true">
 <status-name>---</status-name>
 <status-ID>998</status-ID>
 </status-vO>
 <status-vO generate-uri="true">
 <status-name>Status 1</status-name>
 <status-ID>1</status-ID>
 </status-vO>
 <status-vO generate-uri="true">
 <status-name>Status 2</status-name>
 <status-ID>2</status-ID>
 </status-vO>
</asiteDataList>
```

**Default Fields Returned**

FieldName	Description
Status Id	Returns the numeric id of DocStatus Type
Status name	Returns name of DocStatus Type

**6.30 Workspace DrawingSeries List API Service**

The Workspace Drawing Series List API service will return the collection of Drawing Series of a specified workspace.

**Usage Rules**

- ➔ User must have been logged in and executed Workspace List API Function
- ➔ Use the following cURL command for Workspace DrawingSeries List API Service

```
curl --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call> <URI tag value for Workspace DrawingSeries List from the resultant XML of Workspace List API call>
```

**Input Parameters**

<u>Parameter Name</u>	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call



<URI>	URI tag value for Workspace DrawingSeries List from the resultant XML of Workspace List API call
-------	--------------------------------------------------------------------------------------------------

**WebServiceURL:**

*https://dms.asite.com/api/{servicePath}/{projectId}/getDrawingSeriesForWorkspace  
>workspaceDrawingSeries.xml*

**Sample Return Xml:**

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<asiteDataList>
 <DrawingSeries_VO>
 <DrawongSeries_Id>65</DrawongSeries_Id>
 <DrawingSeries_Name>1000</DrawingSeries_Name>
 </DrawingSeries_VO>
 <DrawingSeries_VO>
 <DrawongSeries_Id>66</DrawongSeries_Id>
 <DrawingSeries_Name>2000</DrawingSeries_Name>
 </DrawingSeries_VO>
 <DrawingSeries_VO>
 <DrawongSeries_Id>67</DrawongSeries_Id>
 <DrawingSeries_Name>4000</DrawingSeries_Name>
 </DrawingSeries_VO>
</asiteDataList>
```

**Default Fields Returned**

FieldName	Description
DrawingSeries Id	Returns the numeric id of a DrawingSeries
DrawingSeries name	Returns name of a DrawingSeries

**6.31 Organisation List API Service**

The Organisation List API Service returns List of all active Organisations registered with Asite.

**Usage Rules**

➔ User must have been logged in to Asite Platform using Login API Function

➔ Use the following cURL command for Organisation List API Service

```
curl --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call> <URI tag value for Organisation List from the resultant XML of Login API call>
```

**Input Parameters**

<u>Parameter Name</u>	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call
<URI>	URI tag value for Organisation List from the resultant XML of Login API call

**WebServiceURL:**



<https://dms.asite.com/api/{servicePath}/getorglist> >organisationList.xml

### Sample Return Xml:

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<asiteDataList>
 <OrgVO>
 <OrgID>30$$hUmqFj</OrgID>
 <OrgName>Ocmis(UK)Ltd</OrgName>
 </OrgVO>
 <OrgVO>
 <OrgID>31$$BMqvEm</OrgID>
 <OrgName>MilesGroup</OrgName>
 </OrgVO>
 <OrgVO>
 <OrgID>32$$7bYbna</OrgID>
 <OrgName>Invent Water Features Limited</OrgName>
 </OrgVO>
</asiteDataList>
```

### Default Fields Returned

FieldName	Description
Organisation Id	Returns the numeric id of an Organisation
Organisation name	Returns name of an Organisation

## 6.32 Organisation User List API Service

The Organisation User List API Service return List of users of a specified Organisation.

### Usage Rules

- ➔ User must have been logged in to Asite Platform using Login API Function
- ➔ Use the following cURL command for Organisation Active Users List

```
curl --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call>" <URI tag value for Organisation User List from the resultant XML of Login API call>
```

- ➔ Use the following cURL command for Organisation All Users List

```
curl --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call>" --data "includeDeactivateUser=true" <URI tag value for Organisation User List from the resultant XML of Login API call>
```

### Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call



<URI>	URI tag value for Organisation User List from the resultant XML of Login API call
-------	-----------------------------------------------------------------------------------

**WebServiceURL:**

*https://dms.asite.com/api/{servicePath}/getUserListForOrg >organisationUserList.xml*

**Sample Return Xml:**

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<asiteDataList>
 <User_VO>
 <User_Id>15655$$ZGk5JC</User_Id>
 <First_Name>Asite</First_Name>
 <Last_Name>Loadtest1</Last_Name>
 <Status_Id>1</Status_Id>
 </User_VO>
 <User_VO>
 <User_Id>16923$$Q0D4rt</User_Id>
 <First_Name>Asite</First_Name>
 <Last_Name>Loadtest10</Last_Name>
 <Status_Id>1</Status_Id>
 </User_VO>
</asiteDataList>
```



## Default Fields Returned

FieldName	Description
UserId	Returns the numeric id of an Organisation User
FirstName	Returns FirstName of an Organisation User
LastName	Returns LastName of an Organisation User
StatusId	Returns status of an Organisation User

## 6.33 ApplicationType List API Service

The Application Type List API Service returns details of all available application types.

### Usage Rules

- ➔ User must have been logged in to Asite Platform using Login API Function
- ➔ Use the following cURL command for ApplicationType List API Service

```
curl --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call>" <URI tag value for ApplicationType List from the resultant XML of Login API call>
```

### Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call
<URI>	URI tag value for ApplicationType List from the resultant XML of Login API call

### WebServiceURL:

<https://dms.asite.com/api/{servicePath}/getApplicationTypes> >applicationTypes.xml

### Sample Return Xml:

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<asiteDataList>
 <space-type-vO space-type-ID="1$$EQYc8q" generate-uRI="true">
 <space-type-name>Document, Workflow &Forms Manager</space-type-name>
 </space-type-vO>
 <space-type-vO space-type-ID="2$$CTnd6H" generate-uRI="true">
 <space-type-name>Document Manager</space-type-name>
 </space-type-vO>
 <space-type-vO space-type-ID="4$$7WLNSP" generate-uRI="true">
 <space-type-name>Document Manager - Enterprise</space-type-name>
 </space-type-vO>
</asiteDataList>
```



## Default Fields Returned

FieldName	Description
SpaceType Id	Returns the numeric id of an Application Type
SpacetypeName	Returns name of an Application Type

## 6.34 DataCenter List API Service

The DataCenter List API Service returns details of all available data centers.

### Usage Rules

➔ User must have been logged in to Asite Platform using Login API Function

➔ Use the following cURL command for DataCenterList API Service

```
curl --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call>" --uri "<URI tag value for DataCenter List from the resultant XML of Login API call>"
```

### Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call
<URI>	URI tag value for DataCenter List from the resultant XML of Login API call

### WebServiceURL:

*https://dms.asite.com/api/{servicePath}/getDataCenterList >DataCenter.xml*

### Sample Return Xml:

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<asiteDataList>
 <data-center-vO data-center-id="1" generate-uRI="true">
 <data-center-name>United Kingdom (EU01)</data-center-name>
 </data-center-vO>
 <data-center-vO data-center-id="2" generate-uRI="true">
 <data-center-name>North America (US01)</data-center-name>
 </data-center-vO>
</asiteDataList>
```

## Default Fields Returned

FieldName	Description
DataCenterId	Returns the numeric id of a DataCenter
DataCenter Name	Returns name of a DataCenter





## 6.35 Workspace Status Type API Service

The Workspace Status List API Service returns details of Types of the workspace statuses.

### Usage Rules

- ➔ User must have been logged in to Asite Platform using Login API Function
- ➔ Use the following cURL command for Workspace StatusTypes API Service

```
curl --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call>" --data "<URI tag value for workspace StatusTypes from the resultant XML of Login API call>"
```

### Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call
<URI>	URI tag value for workspace StatusTypes from the resultant XML of Login API call

### WebServiceURL:

<https://dms.asite.com/api/{servicePath}/getWorkspaceStatusList> >WorkspaceStatus.xml

### Sample Return Xml:

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<asiteDataList>
 <status-vO generate-uri="true">
 <status-name>Open</status-name>
 <status-iD>5</status-iD>
 </status-vO>
 <status-vO generate-uri="true">
 <status-name>Closed</status-name>
 <status-iD>6</status-iD>
 </status-vO>
</asiteDataList>
```

### Default Fields Returned

FieldName	Description
StatusId	Returns the numeric id of Workspace status type
Status Name	Returns name of a Workspace status type



## 6.36 Workspace Subscription Type API Service

The Workspace Subscription Type API Service returns details of available workspace Subscription Types.

### Usage Rules

- ➔ User must have been logged in to Asite Platform using Login API Function
- ➔ Use the following cURL command for for workspace Subscription Types API Service

```
curl --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call>" --data "<URI tag value for workspace Subscription Types from the resultant XML of Login API call>"
```

### Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call
<URI>	URI tag value for workspace Subscription Types from the resultant XML of Login API call

### WebServiceURL:

*<https://dms.asite.com/api/{servicePath}/getWorkspaceSubscriptionType> >WorkspaceSubscription.xml*

### Sample Return Xml:

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<asiteDataList>
 <WorkspaceSubscription_VO>
 <Subscription_Id>1</Subscription_Id>
 <Subscription_Type>Flatfee based</Subscription_Type>
 </WorkspaceSubscription_VO>
 <WorkspaceSubscription_VO>
 <Subscription_Id>2</Subscription_Id>
 <Subscription_Type>Subscription based</Subscription_Type>
 </WorkspaceSubscription_VO>
</asiteDataList>
```

### Default Fields Returned

FieldName	Description
Subscription Id	Returns the numeric id of Workspace subscription type
Subscription Type	Returns name of a Workspace subscription type



## 6.37 Workspace Branding List API Service

The Workspace Branding List API will return Branding list for Workspace creation. Extract the session id from the xml of the login API Call ie <Sessionid> tag from the resultant xml of Login API to execute Create Workspace API Service.

### Usage Rules

- ➔ User must have been logged in to Asite Platform using Login API Function
- ➔ Use the following cURL command to Get Workspace Branding List

```
curl -c cookie ASessionID="<session ID from the resultant XML of Login API call>" --cacert "<certificate filepath>\AsiteAPI.cer" https://dms.asite.com/api/workspace/workspacebrandinglist > workspaceBrandingList.xml
```

### Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call>
<URI>	URI tag value for workspaceBrandingList API call from the resultant XML of Login API call

### Sample Return XML

This will return the workspace list that the logged in user has access to and the URIs for the API calls that can be made after workspace branding list API call has been made in <URI> tag in the resultant xml as follows:

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<ManageSpaceTO>
 <BrandingVOList>
 <BrandingTypeId>0</BrandingTypeId>
 <BrandingId>0</BrandingId>
 <BrandingName>Asite Branding</BrandingName>
 <ProjectBrandingOverOrgBranding>false</ProjectBrandingOverOrgBranding>
 <HashedBrandingId>0$$g6YXe0</HashedBrandingId>
 </BrandingVOList>
</ManageSpaceTO>
```



## 6.38 PaperSize List API Service

The PaperSize List API returns Paper Size list required for publishing documents.

### Usage Rules

- ➔ User must have been logged in and executed Workspace List as well as the Workspace Folder List API Function
- ➔ Use the following cURL command to get PaperSize from API application  

```
curl -c cookie ASessionID="<session ID from the resultant XML of Login API call>" --cacert
"<certificate filepath>\AsiteAPI.cer"
https://dms.asite.com:8080/api/workspace/51000$$zGgblZ/folder/2052543$$vk4093/papersizelist
> paperSizeList.xml
```

### Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call>
<URI>	URI tag value for PaperSize List API call from the resultant XML of Workspace Folder List API call

### Sample Return XML

This will return the workspace list that the logged in user has access to and the URIs for the API calls that can be made after paperSize list API call has been made in <URI> tag in the resultant xml as follows:

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<asiteDataList>
 <asiteDataList>
 <integer>1</integer>
 <string>A0</string>
 </asiteDataList>
 <asiteDataList>
 <integer>2</integer>
 <string>A1</string>
 </asiteDataList>
</asiteDataList>
```



## 6.39 Available Attributes for Workspace API Service

The Available Attributes for Workspace API returns available attributes for specified workspace.

### Usage Rules

- ➔ User must have been logged in and executed Workspace List as well as the Workspace Folder List API Function
- ➔ Use the following cURL command to get Attributes for Workspace from API application  

```
curl -c cookie -A "SessionID=<session ID from the resultant XML of Login API call>" --cacert "<certificate filepath>\AsiteAPI.cer" https://dms.asite.com:8080/api/workspace/51000$$zGgbIZ/folder/2052543$$vk4093/getAvailableAttributes > attributesList.xml
```

### Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call>
<URI>	URI tag value for AvailableAttributes API call from the resultant XML of Workspace Folder List API call

### Sample Return XML

This will return the workspace list that the logged in user has access to and the URIs for the API calls that can be made after Available Attributes API call has been made in <URI> tag in the resultant xml as follows:

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<asiteDataList>
 <AvailableAttributes>
 <Code>101</Code>
 <Description>ChangesAPPLY</Description>
 </AvailableAttributes>
 <AvailableAttributes>
 <Code>102</Code>
 <Description>Construction 1</Description>
 </AvailableAttributes>
 <AvailableAttributes>
 <Code>103</Code>
 <Description>BuildingBridge</Description>
 </AvailableAttributes>
</asiteDataList>
```



## 6.40 Project Phases API Service

The Project Phases API Service returns details of available Project Phases

### Usage Rules

➔ User must have been logged in to Asite Platform using Login API Function

➔ Use the following cURL command for Project Phases API Service

```
curl --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call>" --uri "<URI tag value for Project Phases from the resultant XML of Login API call>"
```

### Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call
<URI>	URI tag value for Project Phases from the resultant XML of Login API call

### WebServiceURL:

<https://dms.asite.com/api/{servicePath}/getProjectPhaseTypes> >ProjectPhases.xml

### Sample Return Xml:

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<asiteDataList>
 <project-phase-vO project-phase-id="1" generate-uri="true">
 <project-phase>Feasibility</project-phase>
 </project-phase-vO>
 <project-phase-vO project-phase-id="2" generate-uri="true">
 <project-phase>Pre-Construction</project-phase>
 </project-phase-vO>
 <project-phase-vO project-phase-id="3" generate-uri="true">
 <project-phase>Construction</project-phase>
 </project-phase-vO>
</asiteDataList>
```

### Default Fields Returned

FieldName	Description
ProjectPhase Id	Returns the numeric id of Project Phase type
ProjectPhase	Returns name of a Project Phase type



## 6.41 Country List API Service

The Country List API Service returns list of countries

### Usage Rules

➔ User must have been logged in to Asite Platform using Login API Function

➔ Use the following cURL command for Country List API Service

```
curl --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call>" --uri "<URI tag value for Country List from the resultant XML of Login API call>"
```

### Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call
<URI>	URI tag value for Country List from the resultant XML of Login API call

### WebServiceURL:

https://dms.asite.com/api/{servicePath}/getCountryList >CountryList.xml

### Sample Return Xml:

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<asiteDataList>
 <country-vO country-id="1" generate-uRI="true">
 <country-name>Afghanistan</country-name>
 </country-vO>
 <country-vO country-id="2" generate-uRI="true">
 <country-name>Albania</country-name>
 </country-vO>
 <country-vO country-id="3" generate-uRI="true">
 <country-name>Algeria</country-name>
 </country-vO>
</asiteDataList>
```

### Default Fields Returned

FieldName	Description
Country Id	Returns the numeric id of Country
Country Name	Returns name of a Country



## 6.42 Region List for Country API Service

The Region List for Country API Service returns list of regions for specified country

### Usage Rules

- ➔ User must have been logged in to Asite Platform using Login API Function
- ➔ Use the following cURL command for region List for Country API Service

Curl --data "countryId={countryId}" --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call> <URI tag value for region List for Country from the resultant XML of Login API call>

### Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
--data	countryId for which region list will be returned
ASessionID	session ID from the resultant XML of Login API call
<URI>	URI tag value for Region List for Country from the resultant XML of Login API call

### WebServiceURL:

<https://dms.asite.com/api/{servicePath}/getRegionListforCountry> > RegionList.xml

### Sample Return Xml:

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<asiteDataList>
 <region-vO region-id="53">
 <region-name>Alberta</region-name>
 </region-vO>
 <region-vO region-id="54">
 <region-name>British Columbia</region-name>
 </region-vO>
 <region-vO region-id="55">
 <region-name>Manitoba</region-name>
 </region-vO>
</asiteDataList>
```

### Default Fields Returned

FieldName	Description
Region Id	Returns the numeric id of region
Region Name	Returns name of a region





## 6.43 Workspace Setting Sort Options API Service

The Workspace Setting Sort Options API Service returns Lists of all active Document List Sort Options, Document Basket Sort Options, Document Distribution Report Sort Options, Form List Sort Options, Form Basket Sort Options, Form Distribution Report Sort Options, Comment Register Sort Options.

### Usage Rules

- ➔ User must have been logged in to Asite Platform using Login API Function
- ➔ Use the following cURL command for Workspace Setting Sort Options API Service

Curl --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call>" --uri "<URI tag value for Workspace Setting Sort Options from the resultant XML of Login API call>"

### Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call
<URI>	URI tag value for Workspace Setting Sort Options from the resultant XML of Login API call

### WebServiceURL:

<https://dms.asite.com/api/{servicePath}/getWorkspaceSettingSortOption> > WorkspacesettingSortOptions.xml

### Sample Return Xml:

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<WorkspaceSetting_VO>
 <Doc_List_Basket_Sort_Options generate-uRI="true">
 <name>Doc Ref</name>
 <value>2</value>
 </Doc_List_Basket_Sort_Options>
 <Doc_List_Basket_Sort_Options generate-uRI="true">
 <name>Attached File</name>
 <value>3</value>
 </Doc_List_Basket_Sort_Options>
 <Comment_Reg_Sort_Options generate-uRI="true">
 <name>Doc Ref</name>
 <value>13</value>
 </Comment_Reg_Sort_Options>
 <Comment_Reg_Sort_Options generate-uRI="true">
 <name>Doc Title</name>
 <value>14</value>
 </Comment_Reg_Sort_Options>
 <Doc_Dist_Sort_Options generate-uRI="true">
 <name>Doc Ref</name>
```



```

 <value>25</value>
 </Doc_Dist_Sort_Options>
 <Form_List_Basket_Sort_Options generate-uri="true">
 <name>FormID</name>
 <value>40</value>
 </Form_List_Basket_Sort_Options>
 <Form_List_Basket_Sort_Options generate-uri="true">
 <name>Form Title</name>
 <value>41</value>
 </Form_List_Basket_Sort_Options>
 <Form_Dist_Sort_Options generate-uri="true">
 <name>FormID</name>
 <value>46</value>
 </Form_Dist_Sort_Options>
 <Form_Dist_Sort_Options generate-uri="true">
 <name>Form Title</name>
 <value>47</value>
 </Form_Dist_Sort_Options>
</WorkspaceSetting_VO>

```

### Default Fields Returned

FieldName	Description
name	Returns the name of option
Value	Returns numeric value(Id) of option

- These Fields are returned for sort options mentioned below :

Document List Sort Options  
 Document Basket Sort Options  
 Document Distribution Report Sort Options  
 Form List Sort Options  
 Form Basket Sort Options  
 Form Distribution Report Sort Options  
 Comment Register Sort Options



## 6.44 Workspace UserGroup List API

Workspace UserGroup API returns list of userGroup assign to user.

### Usage Rules

- ➔ User must have been logged in to Asite Platform using Login API Function
- ➔ User must have been logged in and executed Workspace List API Function
- ➔ Use the following cURL command to get UserGroup API application

Curl --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call> <URI tag value of Workspace UserGroup from the resultant XML of executed Workspace List API call>

### Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call
<URI>	URI tag value for Workspace Setting Sort Options from the resultant XML of Login API call

### Default Fields Returned

FieldName	Description
UserGroupName	Returns the name of userGroup
UserGroupId	Returns Id of userGroup
TotalUsers	Returns number of users relates to UserGroup

Sample Return Xml:

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
```

```
<asiteDataList>
 <UserGroupVO>
 <UserGroupId>389209$$eIWkyS</UserGroupId>
 <UserGroupName>ArupUG1</UserGroupName>
 <TotalUsers>1</TotalUsers>
 </UserGroupVO>
</asiteDataList>
```



## 6.45 Create Workspace Role API

Create Workspace Role API allows to create role on any workspace

### Usage Rules

- ➔ User must have been logged in to Asite Platform using Login API Function
- ➔ User must have been logged in and executed Workspace List API Function
- ➔ Use the following cURL command to create Workspace Role API application

Curl --data "roleName={List of Name of roles}" --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call> <URI tag value of Create Workspace Role from the resultant XML of executed Workspace List API call>

### Input Parameters

Parameter Name	Description
--data roleName	List of Name of Roles
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call
<URI>	URI tag value for Workspace Setting Sort Options from the resultant XML of Login API call

**NOTE** : List of multiple name of roles are separated by ',' (Comma).

Sample Return Xml:

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
 <CreateEntityVO>
 <type>Create Workspace Role</type>
 <id>{#docd}</id>
 < status >Successful</status>
 <errorMsg>{#Failer cause message}</ errorMsg >
 </CreateEntityVO>
```

## 6.46 User Role Management API

### Usage Rules

- ➔ User must have been logged in to Asite Platform using Login API Function
- ➔ User must have been logged in and executed Workspace List API Function
- ➔ Use the following cURL command to run User Role Management API application

Curl --data "roleId={roleId}&userId={List of userId}&orgId={List of orgId}&userGroupId={List of userGroupId}&operationType={1 or 2}" --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call> <URI tag value of AssignWorkspaceRole from the resultant XML of executed Workspace List API call>



## Input Parameters

Parameter Name	Description
--data roleId userId orgId userGroupId operationType	Hashed Id of role List of Hashed Id of user List of Hashed Id of organization List of Hashed Id of userGroup 1 = assign, 2 = remove
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call
<URI>	URI tag value for Workspace Setting Sort Options from the resultant XML of Login API call

**NOTE:** List of multiple id are separated by ',' (Comma).

### Sample Return Xml:

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
 <CreateEntityVO>
 <type>Assign/Unassign Workspace Role</type>
 <id>{#docd}</id>
 < status >Successful</status>
 <errorMsg>{#Failer cause message}</ errorMsg >
 </CreateEntityVO>
```

## 6.47 Action list for Audit trail API service

The Action List for Audit trail API Service returns list of actions for Audit Trail

### Usage Rules

- ➔ User must have been logged in to Asite Platform using Login API Function
- ➔ Use the following cURL command for Action List for Audit Trail API Service

Curl --data "countryId={countryId}" --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call> <URI tag value for Action List for Audit Trail from the resultant XML of Login API call>

### Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call
<URI>	URI tag value for Action List for Audit Trail from the resultant XML of Login API call

### WebServiceURL:

<https://dms.asite.com/api/{servicePath}/getActionListForAuditTrail> > ActionList.xml



### Sample Return Xml:

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<asiteDataList>
 <AuditTrail_VO>
 <Action_type_Id>3</Action_type_Id>
 <Action_Name>Downloaded</Action_Name>
 </AuditTrail_VO>
 <AuditTrail_VO>
 <Action_type_Id>4</Action_type_Id>
 <Action_Name>Printed</Action_Name>
 <Description />
 </AuditTrail_VO>
</asiteDataList>
```

### Default Fields Returned

FieldName	Description
Action Type Id	Returns the numeric id of an action
Action Name	Returns name of an action
Description	Returns description of an action

## 6.48 Get User By Email Address API Service

The Get User By Email Address API Service returns User Session Profile for specified email address

### Usage Rules

- ➔ User must have been logged in to Asite Platform using Login API Function
- ➔ Use the following cURL command for Get User By Email Address API Service

Curl --data "emailId={emailId}" --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call> <URI tag value for Get User By Email Address from the resultant XML of Login API call>

### Input Parameters

<u>Parameter Name</u>	Description
--cacert	Asite certificate file path
--data	Email Address of the user
ASessionID	session ID from the resultant XML of Login API call
<URI>	URI tag value for Get User By Email Address from the resultant XML of Login API call

### WebServiceURL:



<https://dms.asite.com/api/{servicePath}/getUserProfileByEmailId> > UserSessionProfile.xml

### Sample Return Xml:

```
<?xml version="1.0" encoding="UTF-8"?>
<UserProfile>
 <UserID>844264$$SjRRe2</UserID>
 <User_emailid>jharkhani@asite.com</User_emailid>
 <User_Name>Jay Harkhani</User_Name>
 <Organisation>Asite Solutions Ltd</Organisation>
 <OrganisationId>3$$JYzInZ</OrganisationId>
 <SessionTimeoutDuration>360</SessionTimeoutDuration>
 <UserSubscriptionId>1</UserSubscriptionId>
 <subscriptionPlanId>2</subscriptionPlanId>
 <eGRNTimeoutDuration>0</eGRNTimeoutDuration>
 <language>en_GB</language>
 <UserImageName>https://www.asite.com/profilefiles/member_photos/photo_844264.jpg?v=2015-06-09
06:55:35.62</UserImageName>
 <IsActive>true</IsActive>
 <comments>User Registration No. 452178</comments>
</UserProfile>
```

### Default Fields Returned

FieldName	Description
User Id	Returns Hashed numeric id of User
User EmailId	Returns email address of the user
User Name	Returns name of the user
Organization	Returns Organization of the user
Organization Id	Returns Hashed Organization Id
Session Timeout Duration	Returns user session timeout value
User Subscriptionid	Returns user subscription status Id
Subscription Plan Id	Returns subscription plan Id of user
eGRNTimeoutDuration	Returns eGRN Timeout duration
Language	Returns language set by user
User Image Name	Returns URL for user image
Is Active	Returns user status (Active/Inactive)
Comments	Returns comments added in user profile

## 6.49 Logout API Service

The Logout API Logs the user out of the Asite Platform. It returns the logout status – whether successful or not on execution of the API function. Extract the session id from the xml of the login API Call <Sessionid> tag from the resultant xml to execute logout API.

### Usage Rules

- ➔ User must have been logged in to Asite Platform using Login API Function
- ➔ Use the following cURL command to Logout from API application



`curl --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call> <URI tag value for Logging out from the resultant XML of Login API call>`

## Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call>
<URI>	URI tag value for Logging out from the resultant XML of Login API call

## Sample Return Xml

This will return the logout status for the the logged in user and the resultant XML as follows:

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<string>Logged out successfully.</string>
```

Schema (XSD) of the Return XML

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified">
 <xs:element name="string" type="xs:string"/>
</xs:schema>
```

## Default Fields Returned

FieldName	Description
String	Returns the status of logout – whether the user was able to successfully logout of the application

## 6.50 Forms Data Object List API Service

This API returns the data object List of forms for the given user.

### Usage Rules

- ➔ User have to pass email Id and password with the Input parameters.
- ➔ Use the following cURL command to list data object of the specified user.

### Curl-k--data

```
"email={emailId}&password={password}&projectName={projectName}&appBuilderId={appBuilderId}&
objectType={objectType}&clientName={clientName}&timeStamp={timeStamp}" --cacert "C:\cURL\curl-
7.19.5\ca-cert.cer" {URI tag for data object list}>
```

e.g.

```
curl -k --data "email=example@domain.com&password=*****&projectName=15.5 SD
UK&appBuilderId=123456789012345&objectType=Forms&clientName=NLS&timeStamp=2014-01-
25" --cacert "C:\cURL\curl-7.19.5\ca-cert.cer"
https://adoddleak.asite.com/commonapi/dataObjectService/dataObjectList> data_object_list.xml
```





## Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
Email	Email ID used for logging on to Asite Platform
Password	Password for login
projectName	Name of the project
appBuilderId	App builder ID
objectType	Type of the object to retrieve
clientName	Name of the client(short identifier- i.e. NLS)
timestamp(optional)	Timestamp to get limited data of given object.
URI	https://adoddleak.asite.com/commonapi/dataObjectService/dataObjectList

```

C:\Windows\system32\cmd.exe
C:\URL\curl-7.19.5>curl -k --data "email=sdadhwal@asite.com&password=asite12345&projectName=15.5 SD UK&appBuilderId=12345" https://adoddleak.asite.com/commonapi/dataObjectService/dataObjectList 1>Vthakkar_Login_2.xml
% Total % Received % Xferd Average Speed Time Time Time Current
Dload Upload Total Spent Left Speed
102 3995 101 3846 0 149 2304 89 0:00:01 0:00:01 --:--:-- 3704
C:\URL\curl-7.19.5>pause
Press any key to continue . . .

```

## Sample Return XML

This will return the data object list of forms.

```

<?xml version="1.0" encoding="UTF-8" standalone="true"?>
<asite-array-list>
 <document>
 <generateURI>true</generateURI>
 <actions xsi:nil="true" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"/>
 <allowReopenForm>false</allowReopenForm>
 <appType>Project Forms</appType>
 <assoccommentlist xsi:nil="true" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"/>
 <assocformlist xsi:nil="true" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"/>
 <assocfilelist xsi:nil="true" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"/>
 <attachmentImageName/>
 <canAccessHistory>true</canAccessHistory>
 <canOrigChangeStatus>false</canOrigChangeStatus>
 <closeOut>false</closeOut>
 </document>
</asite-array-list>

```



```

<formcode>ACF001</formcode>
<formid>2619339</formid>
<controllername xsi:nil="true" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"/>
<controlleruserid>0</controlleruserid>
-<customfieldsvalue>
 <fieldvalue field="CFID_ORI_FORMTITLE">FormMailboxSimple</fieldvalue>
 <fieldvalue field="CFID_ORI_USERREF">R16.0 Release</fieldvalue>
</customfieldsvalue>
<dc>UK</dc>
<doctype>Apps</doctype>
<isdraft>>false</isdraft>
<fname>Suresh</fname>
<flagTypeId>0</flagTypeId>
<flagTypeImageName>flag_type/flag_0.png</flagTypeImageName>
<folderid>0</folderid>
<formcreationdate>02-Nov-2015#13:13 WET</formcreationdate>
<formCreationDateInMS>1446469986000</formCreationDateInMS>
<formgroupname>Customr Forms</formgroupname>
<formhasassocattach>>false</formhasassocattach>
<formnum>1</formnum>
<formPrintEnabled>>false</formPrintEnabled>
<formtypeid>2245270</formtypeid>
<formtypename>Email In Form</formtypename>
<hasassociation>>false</hasassociation>
<hasattachment>>false</hasattachment>
<hasOverallStatus>>false</hasOverallStatus>
<id>ACF001</id>
<image xsi:nil="true" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"/>
<indent>- 1</indent>
<instancegroupid>2243733</instancegroupid>
<invoiceColourCode>- 1</invoiceColourCode>
<invoiceCountAgainstOrder>- 1</invoiceCountAgainstOrder>
<lname>Dadhwal</lname>
<messageTypeImageName>icons/form.png</messageTypeImageName>
<msgcode>ORI001</msgcode>
<msgcreationdate>2015-11-02T13:13:06Z</msgcreationdate>
<msgid>2828121</msgid>
<msgoriginatorid>606147</msgoriginatorid>
<msgstatusid>20</msgstatusid>
<msgTypeCode>ORI</msgTypeCode>
<msgtypeid>1</msgtypeid>
<noOfActions>0</noOfActions>
<noOfMessages>0</noOfMessages>
<offlineformid>- 1</offlineformid>
<orgid>3</orgid>
<orgname>Asite Solutions Ltd.</orgname>
<originator>https://www.asite.com/adoddleprofilefiles/member_photos/photo_606147_thumbnail.jpg#Su
resh</originator>
<originatorDisplayName>Suresh Dadhwal, Asite Solutions Ltd.</originatorDisplayName>
<email>sdadhwal@asite.com</email>
<originatoruserid>606147</originatoruserid>
<parentmsgid>0</parentmsgid>
<projectid>2060794</projectid>
<projectname>15.5 SD UK</projectname>
<project_APD_folder_id>0</project_APD_folder_id>
<formclosebydate xsi:nil="true" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"/>
<showPrintIcon>0</showPrintIcon>
<statusname xsi:nil="true" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"/>
<statusChangeRestricted>>false</statusChangeRestricted>
<statuschangeuseremail>sdadhwal@asite.com</statuschangeuseremail>
<statuschangeuserid>0</statuschangeuserid>
<statuschangeusername>Suresh Dadhwal</statuschangeusername>
<statuschangeuserorg>Asite Solutions Ltd.</statuschangeuserorg>

```



```

<statusChangeUserPic>https://www.asite.com/adoddleprofilefiles/member_photos/photo_606147_thum
bnail.jpg</statusChangeUserPic>
<customrecordstyle xsi:nil="true" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"/>
<statusupdatedate>02-Nov-2015#13:13 WET</statusupdatedate>
<statusid>20</statusid>
<templateType>0</templateType>
<title>FormMailboxSimple</title>
<typeImage>icons/form.png</typeImage>
<updated>02-Nov-2015#13:13 WET</updated>
<updatedAtInMS>1446469986000</updatedAtInMS>
<userid>606147</userid>
<userref>R16.0 Release</userref>
</document>
</asite-array-list>

```

### Schema (XSD) of the Return XML

```

<xs:schema attributeFormDefault="unqualified" elementFormDefault="qualified"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
 <xs:element name="asite-array-list">
 <xs:complexType>
 <xs:sequence>
 <xs:element name="document">
 <xs:complexType>
 <xs:sequence>
 <xs:element type="xs:string" name="generateURI"/>
 <xs:element type="xs:string" name="actions" nillable="true"/>
 <xs:element type="xs:string" name="allowReopenForm"/>
 <xs:element type="xs:string" name="appType"/>
 <xs:element type="xs:string" name="assoccommentlist" nillable="true"/>
 <xs:element type="xs:string" name="assocformlist" nillable="true"/>
 <xs:element type="xs:string" name="assocfilelist" nillable="true"/>
 <xs:element type="xs:string" name="attachmentImageName"/>
 <xs:element type="xs:string" name="canAccessHistory"/>
 <xs:element type="xs:string" name="canOrigChangeStatus"/>
 <xs:element type="xs:string" name="closeOut"/>
 <xs:element type="xs:string" name="formcode"/>
 <xs:element type="xs:int" name="formid"/>
 <xs:element type="xs:string" name="controllername" nillable="true"/>
 <xs:element type="xs:byte" name="controlleruserid"/>
 <xs:element name="customfieldsvalue">
 <xs:complexType>
 <xs:sequence>
 <xs:element name="fieldvalue" maxOccurs="unbounded" minOccurs="0">
 <xs:complexType>
 <xs:simpleContent>
 <xs:extension base="xs:string">
 <xs:attribute type="xs:string" name="field" use="optional"/>
 </xs:extension>
 </xs:simpleContent>
 </xs:complexType>
 </xs:element>
 </xs:sequence>
 </xs:complexType>
 </xs:element>
 <xs:element type="xs:string" name="dc"/>
 <xs:element type="xs:string" name="doctype"/>
 <xs:element type="xs:string" name="isdraft"/>
 </xs:sequence>
 </xs:complexType>
 </xs:element>
 </xs:sequence>
 </xs:complexType>
 </xs:element>

```



```

<xs:element type="xs:string" name="fname"/>
<xs:element type="xs:byte" name="flagTypeId"/>
<xs:element type="xs:string" name="flagTypeImageName"/>
<xs:element type="xs:byte" name="folderid"/>
<xs:element type="xs:string" name="formcreationdate"/>
<xs:element type="xs:long" name="formCreationDateInMS"/>
<xs:element type="xs:string" name="formgroupname"/>
<xs:element type="xs:string" name="formhasassocattach"/>
<xs:element type="xs:byte" name="formnum"/>
<xs:element type="xs:string" name="formPrintEnabled"/>
<xs:element type="xs:int" name="formtypeid"/>
<xs:element type="xs:string" name="formtypename"/>
<xs:element type="xs:string" name="hasassociation"/>
<xs:element type="xs:string" name="hasattachment"/>
<xs:element type="xs:string" name="hasOverallStatus"/>
<xs:element type="xs:string" name="id"/>
<xs:element type="xs:string" name="image" nillable="true"/>
<xs:element type="xs:byte" name="indent"/>
<xs:element type="xs:int" name="instancegroupid"/>
<xs:element type="xs:byte" name="invoiceColourCode"/>
<xs:element type="xs:byte" name="invoiceCountAgainstOrder"/>
<xs:element type="xs:string" name="lname"/>
<xs:element type="xs:string" name="messageTypeImageName"/>
<xs:element type="xs:string" name="msgcode"/>
<xs:element type="xs:dateTime" name="msgcreationdate"/>
<xs:element type="xs:int" name="msgid"/>
<xs:element type="xs:int" name="msgoriginatorid"/>
<xs:element type="xs:byte" name="msgstatusid"/>
<xs:element type="xs:string" name="msgTypeCode"/>
<xs:element type="xs:byte" name="msgtypeid"/>
<xs:element type="xs:byte" name="noOfActions"/>
<xs:element type="xs:byte" name="noOfMessages"/>
<xs:element type="xs:byte" name="offlineformid"/>
<xs:element type="xs:byte" name="orgid"/>
<xs:element type="xs:string" name="orgname"/>
<xs:element type="xs:string" name="originator"/>
<xs:element type="xs:string" name="originatorDisplayName"/>
<xs:element type="xs:string" name="email"/>
<xs:element type="xs:int" name="originatoruserid"/>
<xs:element type="xs:byte" name="parentmsgid"/>
<xs:element type="xs:int" name="projectid"/>
<xs:element type="xs:string" name="projectname"/>
<xs:element type="xs:byte" name="project_APD_folder_id"/>
<xs:element type="xs:string" name="formclosebydate" nillable="true"/>
<xs:element type="xs:byte" name="showPrintIcon"/>
<xs:element type="xs:string" name="statusname" nillable="true"/>
<xs:element type="xs:string" name="statusChangeRestricted"/>
<xs:element type="xs:string" name="statuschangeuseremail"/>
<xs:element type="xs:byte" name="statuschangeuserid"/>
<xs:element type="xs:string" name="statuschangeusername"/>
<xs:element type="xs:string" name="statuschangeuserorg"/>
<xs:element type="xs:string" name="statusChangeUserPic"/>
<xs:element type="xs:string" name="customrecordstyle" nillable="true"/>
<xs:element type="xs:string" name="statusupdatedate"/>
<xs:element type="xs:byte" name="statusid"/>
<xs:element type="xs:byte" name="templateType"/>
<xs:element type="xs:string" name="title"/>
<xs:element type="xs:string" name="typeImage"/>
<xs:element type="xs:string" name="updated"/>
<xs:element type="xs:long" name="updatedDateInMS"/>
<xs:element type="xs:int" name="userid"/>
<xs:element type="xs:string" name="userref"/>
</xs:sequence>

```



```
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:schema>
```

### Returned Member URL Resources

- ➔ **<URI>** <https://adoddleak.asite.com/commonapi/dataObjectService/dataObjectList> **</URI>** is the URL you use to return list data object.

**Fields Returned**

Field Name	Description
formtypeid	Returns the form type id
formtypename	Returns the form type name
appType	Returns the app type
formcode	Returns the form code.
title	Returns the title
userref	Returns the userref.
formgroupname	Returns the form group name.
customfieldsvalue	Returns the custom fields value.
formcreationdate	Returns the form creation date.
updated	Returns the updated date.
projectid	Returns the project Id.
projectname	Returns the project name.
originatoruserid	Returns the originator user id.
originatorDisplayName	Returns originator display name.
isdraft	Returns true for draft.
formclosebydate	Returns response requested by.
statusname	Returns the status name.



## 6.51 Document Search API

Document Search API returns a list of documents based on specified criteria provided in JSON format.

### Usage Rules

- ➔ User must have been logged in using Login API.
- ➔ Below is the required JSON format for search criteria.

```
{
 "criteria" : [{
 "field" : <name of field 1>,
 "operator" : <operator id>,
 "values" : [<value 1>, <value 2>, <value n>]
 },
 {
 "field" : <name of field 2>,
 "operator" : <operator id>,
 "values" : [<value 1>, <value 2>, <value n>]
 }
],
 "recordStart" : <Integer value>,
 "recordLimit" : <Integer value>,
 "sortField": <name of field>,
 "sortOrder": <asc/desc>
}
```

- ➔ Please refer below table for search criteria json fields

No	json field	Description	Mandatory	Default value
1	criteria	Array of search criteria	Yes	
2	field	Field name in search criteria	Yes	
3	operator	Operator for search criteria	Yes	
4	values	Array of value(s) to be search for search criteria	Yes	
5	recordStart	Number of leading documents to skip	No	1
6	recordLimit	Number of documents to return after recordStart (Cannot exceed 1000)	No	10
7	sortField	Sort field name	No	revision_date
8	sortOrder	Sort field Order(asc/desc)	No	desc
9	generateShareLink	specify whether to generate document link or not value can be: <b>true</b> : public link <b>false</b> : direct/private link(require login)	No	
10	showLatestRevision	specify whether to access latest revision or not for link value can be: <b>true</b> : access latest revision of document <b>false</b> : access revision on which link was created ACCESS can be view/download based on openAndView option	No	true
11	notifiyOnDownload	specify whether to send mail to link creator, when document download using shared link (only receive mail for public link)	No	false



12	openAndView	Specify whether to open document for view or download document when access document using link.	No	true
13	expiryAfterDuration	Shared link param which specify unit after that link will expire after specified unit Unit can be <b>h</b> : hours or <b>d</b> : days [1-24] h : after specific hours link will expiry [1-n]d : after specific day link will expiry Example : 9d , 10h	No	
14	expiryAfterViewCnt	Shared link param which specify ACCESS count after that link will expiry Value can be any number greater than 0	No	

Note: expiryAfterDuration and expiryAfterViewCnt only applied if generateShareLink:true and folder level setting **Enable Public Links** sets to true

In case of generateShareLink:true and (expiryAfterDuration or expiryAfterViewCnt) is not specify then it will generate link which never expiry respect to folder level **Enable Public Links** option.

➔ Example: For JSON from above format

```
{
 "criteria" : [{
 "field" : "project_name",
 "operator" : 1,
 "values" : ["Corporate Construction Site"]
 },{
 "field" : "doc_ref",
 "operator" : 3,
 "values" : ["Points","Bridge"]
 },{
 "field" : "Floors",
 "operator" : 1,
 "values" : ["First Floor"]
 }
],
 "recordStart" : 1,
 "recordLimit" : 10,
 "sortField": "doc_ref",
 "sortOrder": "desc",
 "generateShareLink" : " true",
 "showLatestRevision" : "true",
 "notifiyOnDownload" : "false",
 "openAndView" : "false",
 "expiryAfterDuration" : "15d"
}
```

In API request, provide search criteria json in **searchCriteria** parameter.

By default API returning JSON in response to get XML in response specify **Accept** header in request.

For XML - Accept : application/xml

For JSON - Accept : application/json

➔ List of search criterias supported by Document Search API are as mentioned below:





No	Field	Datatype	Sorting support	Remarks
1	doc_title	STRING	Yes	
2	doc_ref	STRING	Yes	
3	project_name	STRING	Yes	
4	folder_name	STRING	No	
5	purpose_of_issue	STRING	Yes	
6	publisher_name	STRING	Yes	
7	revision_num	STRING	Yes	
8	ver	STRING	Yes	
9	folder_path	STRING	Yes	
10	document_status	STRING	Yes	
11	file_name	STRING	Yes	
12	doctype	CHOICE	No	1,2,4,5 1-Document 2-Placeholder 4-IFC Model File 5-Emails Only
13	link_type	CHOICE	No	STATIC, DYNAMIC
14	revisions	CHOICE	No	CURRENT-SET, SUPERSEDED
15	association_attachment	CHOICE	No	1,2,3,5,6 1-Associated Discussions 2-Associated Files 3-Associated Forms 5-External Attachments 6-None
16	revision_date	DATE	Yes	Accept value in date formatted using user locale
17	is_public	BOOLEAN	No	
18	is_link	BOOLEAN	No	
19	is_active	BOOLEAN	No	
20	filesize	NUMBER	Yes	Accept value in bytes
21	project_id	NUMBER_ID	No	Need to provide hashed value



22	folder_id	NUMBER_ID	No	Need to provide hashed value
23	publisher_id	NUMBER_ID	No	Need to provide hashed value
24	publisher_organisation	STRING	Yes	
25	publisher_organisation_id	NUMBER_ID	No	Need to provide hashed value
26	updated_since	DURATION	No	Search updated document from current time. Need to pass Unit and UnitType <b>Unit</b> can be non-zero Integer <b>Unit type can be:</b> <b>m</b> for Minutes <b>h</b> for Hours <b>d</b> for Days <b>Negative Unit:</b> search updated document since last specified Unit of time to current time. <b>Positive Unit:</b> Not applicable for this field. <b>e.g.-5h:</b> search updated doc. since last 5 hour.
27	document_updated_on	DATE	Yes	Accepts value in date formatted using user locale

➔ Please refer the table shown below for supported operators for different datatype.

No	Datatype	Description	Supported Operators	Operator Value
1	STRING	Used to search free text field like doc_title, project name. value for this data type any string	EQUALS NOT_EQUALS CONTAINS NOT_CONTAIN	1 2 3 4
2	CHOICE	Used to search field like link_type Any value from predefine set of value.	EQUALS	1
3	DATE	Used to search date related field value for this data type is formatted date in user locale	EQUALS GREATER_THAN_EQUAL LESS_THAN_EQUAL  greater_than_equal and less_than_equal also support time(optional) in following format <b>formatted date#hh:mm:ss</b>	1 5 6
		<b>Example</b>	<b>Considered as</b>	
		formatted date#22	date, 22 hours	
		formatted date#22:55	date, 22 hours 55 minutes	
		formatted date#22:55:30	date, 22 hours 55 minutes 30 seconds	



4	BOOLEAN	Used to search Boolean field value for this data type is true/false	EQUALS	1
5	NUMBER	Used to search numeric field value for this data type is number	EQUALS NOT_EQUALS GREATER_THAN_EQUAL LESS_THAN_EQUAL	1 2 5 6
6	NUMBER_ID	Used to search id field value for this data type is number	EQUALS NOT_EQUALS	1 2
7	DURATION	Used to search date field relative to current time. Need to provide <b>Unit</b> and <b>UnitType</b> Unit can be non-zero Integer  <b>Unit type can be:</b> <b>m</b> for Minutes <b>h</b> for Hours <b>d</b> for Days <b>Negative Unit:</b> search since last specified Unit of time to current time. <b>Positive Unit:</b> Search current time to specified Unit of time. <b>e.g.-5h:</b> search field since last 5 hour.	WITHIN	7

➔ Please refer below table for supported custom attribute.

No	Custom Attribute Type	Supported Operators	Operator value	Sorting support	Remarks
1	TextBox-Integer TextBox-Decimal	EQUALS GREATER_THAN_EQUAL LESS_THAN_EQUAL	1 5 6	NO	
2	TextBox-Email TextBox-Letters and Numbers TextBox Letters	EQUALS CONTAINS	1 3	NO	
3	Date Picker	EQUALS GREATER_THAN_EQUAL LESS_THAN_EQUAL	1 5 6	NO	
4	Yes/No Radio	EQUALS	1	NO	value must be true/false
5	Multiple Selection Checkbox	EQUALS	1	NO	
6	Dropdown list	EQUALS	1	NO	



### ➔ Sample Document search API cURL Call

```
curl --insecure --cacert ".\ca-cert.cer" --cookie
ASessionID="vZxHjZXUvYAMSGl7MbVjic4HZcMxeYzjc7Ts2ozu7sg=" -H "Accept: application/xml" --
data "searchCriteria={ 'criteria': [{ 'field' : 'project_name','operator' : 1,'values' : ['Shivalik Business
Center']}, { 'field' : 'doc_ref','operator' : 3,'values' : ['Drawing']}, { 'field' : 'Stage','operator' : 1,'values' :
['Second'] }],'recordStart' : 1,'recordLimit' : 1,'sortField' : 'doc_ref','sortOrder' :
'desc','generateShareLink':'true'}" https://adoddleak.asite.com/commonapi/documentsearchapi/search
> documentsearch.xml
```

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.10586]
(c) 2015 Microsoft Corporation. All rights reserved.

D:\api>curl --insecure --cacert ".\ca-cert.cer" --cookie ASessionID="F1LJfvXltHcqHDd87jXcp8EFiw7iRiBwsE92gvvlxxQ=" -H
"Accept: application/xml" --data "searchCriteria={ 'criteria': [{ 'field' : 'project_name','operator' : 1,'values' : ['Shi
valik Business Center']}, { 'field' : 'doc_ref','operator' : 3,'values' : ['Drawing']}, { 'field' : 'Stage','operator' : 1
,'values' : ['Second'] }],'recordStart' : 1,'recordLimit' : 1,'sortField' : 'doc_ref','sortOrder' : 'desc'}" https://ado
ddleak.asite.com/commonapi/documentsearchapi/search > documentSearch.xml
 % Total % Received % Xferd Average Speed Time Time Time Current
 Dload Upload Total Spent Left Speed
100 313 0 0 100 313 0 196 0:00:01 0:00:01 --:--:-- 196

D:\api>
```

### ➔ Sample XML return by Document search API

```
<DocumentResponseVO>
 <responseHeader>
 <results>10</results>
 <results-total>1</results-total>
 <collection>revisions</collection>
 </responseHeader>
 <documentVO>
 <Attributes>
 <Attribute>
 <AttributeName>Stage</AttributeName>
 <AttributeValues>
 <AttributeValue>Second</AttributeValue>
 </AttributeValues>
 </Attribute>
 <Attribute>
 <AttributeName>Project Start date</AttributeName>
 <AttributeValues>
 <AttributeValue>07-May-2017</AttributeValue>
 </AttributeValues>
 </Attribute>
 <Attribute>
 <AttributeName>Category</AttributeName>
 <AttributeValues>
 <AttributeValue>Mechanical (ME)</AttributeValue>
 </AttributeValues>
 </Attribute>
 </Attributes>
 </documentVO>
</DocumentResponseVO>
```



```

 </Attribute>
 </Attributes>
 <DocumentTypeId>1</DocumentTypeId>
 <IsLink>>false</IsLink>
 <FileName>Drawing 1.pdf</FileName>
 <FileNameDisplay>Drawing 1</FileNameDisplay>
 <FileType>pdf</FileType>
 <FolderPath>Shivalik Business Center\Second Phase\Drawing 1.pdf</FolderPath>
 <HasZipfile>>false</HasZipfile>
 <isRevCheckOut>>false</isRevCheckOut>
 <isLatestRevCheckOut>>false</isLatestRevCheckOut>
 <DocumentId>4743519$$kCSPFp</DocumentId>
 <FolderId>9098397$$TaFkmz</FolderId>
 <DocRef>Drawing 1</DocRef>
 <DocTitle>Drawing 1</DocTitle>
 <IssNo>1</IssNo>
 <RevNo>1</RevNo>
 <RevisionId>6296195$$8K0Qam</RevisionId>
 <PublisherOrg>Asite Solutions Ltd.</PublisherOrg>
 <PublisherName>Jay Harkhani</PublisherName>
 <PublishedDate>10-May-2017#17:25 SST</PublishedDate>
 <DocumentUpdatedOn>12-May-2017#19:3 SST</DocumentUpdatedOn>
 <PurposeOfIssue>---</PurposeOfIssue>
 <DocStatus>In progress</DocStatus>
 <FileSize>402766</FileSize>
 <IsLocked>>false</IsLocked>
 <isPrivate>>false</isPrivate>
 <DocActive>true</DocActive>
 <UserId>0</UserId>
 <publisherUserId>475846$$tO8CBY</publisherUserId>
 <DmCheckOutVO>
 <checkoutUserId/>
 <checkoutSuccess/>
 <checkoutUserName/>
 <checkoutOrgname/>
 <dateCheckedOut/>
 </DmCheckOutVO>
 <Flag>No Flag</Flag>
 <Discussions>>false</Discussions>
 <Attachment/>
 <Associations/>
 <Distributed>No</Distributed>
 <DrawingSeries>-</DrawingSeries>
 <RevisionNotes/>
 <ProjectName>Shivalik Business Center</ProjectName>
 <WorkflowStage/>
 <WorkflowStatus/>
<URI>https://dmsak.asite.com/api/workspace/2083674$$9yKJFA/folder/9098397$$TaFkmz/downloadDocument/6296195$$8K0Qam</URI>

 <DocumentActionVO>
 <ActionName/>
 <ActionStatus/>
 <ActionTime/>
 </DocumentActionVO>
</documentVO>
</DocumentResponseVO>

```



➔ Following values are returned using the Document search API call

results-total: indicates the number of documents that matched with specified search criteria.

results: specified document search Limit specified in recordLimit parameter

No	Field	Description
1	FolderPath	Returns the folder path of the parent folder (starting from APD)
	FileName	Returns the filename in the Document Folder
3	DocRef	Returns the Document Ref value specified in the Document Folder
4	DocTitle	Returns the Document Title value specified in the Document Folder
5	DocumentTypeid	Returns the Document Type ID
6	isPrivate	Returns the Publish Documents as Private setting specified in the Document Folder
7	IssNo	Returns the Issue No value of the Document in the Document Folder
8	RevNo	Returns the Rev No value of the Document in the Document Folder
9	PublisherName	Returns the Publisher Name of the Document in the Document Folder
10	PublisherOrg	Returns the Publisher Org value of the Document in the Document Folder
11	PublishedDate	Returns the Published Date of the Document in the Document Folder
12	DocActive	Returns the status of the document revision in the Document Folder
13	PurposeOfIssue	Returns the POI value of the document revision in the Document Folder
14	DocStatus	Returns the Document status of the document revision in the Document Folder
15	FileSize	Returns the File size of the document revision in the Document Folder
16	IsLink	Returns the document revision is link or not in the Document Folder
17	FileNameDisplay	Returns the File Display Name of the document revision in the Document Folder
18	FileType	Returns the File Type of the document revision in the Document Folder
19	HasZipfile	Returns the document revision has zip file or not in the Document Folder
20	isRevCheckOut	Returns the document checkout status
21	isLatestRevCheckOut	Returns the document checkout status for latest revision for Document
22	DocumentId	Returns the documentId for Document
23	FolderId	Returns the FolderId for Document
24	RevisionId	Returns the RevisionId for Document
25	IsLocked	Returns the document lock status for Document
26	publisherUserId	Returns the publisherUserId for Document
27	checkoutUserId	Returns the checkoutUserId for Document
28	URI	Returns the download URI for Document. If user has viewOnly permission on folder then this node will not exist in response.
29	ActionName	Returns name of Action for Document
30	ActionStatus	Returns the ActionStatus status for Document
31	ActionTime	Returns the ActionTime for Document



32	checkoutUserName	Returns the Checkout User name of the Document
33	checkoutOrgname	Returns the Checkout User's organization name
33	checkoutSuccess	Returns the document checkout status for Document
34	dateCheckedOut	Returns the Checkout date for Document
35	Attributes	Returns the details of custom attribute values assign in Document
36	Flag	Returns the Flag for Document
37	Discussions	Returns the Discussions status for Document
38	Attachment	Returns the name of internal attachment for Document
39	Associations	Returns the Associations detail for Document
40	Distributed	Returns the Distributed status for Document
41	DrawingSeries	Returns the DrawingSeries for Document
42	RevisionNotes	Returns the RevisionNotes for Document
42	ProjectName	Returns the ProjectName for Document
43	WorkflowStage	Returns the WorkflowStage for Document
44	WorkflowStatus	Returns the WorkflowStatus for Document
45	DirectLink	Returns the DirectLink for Document. If user has viewOnly permission on folder then this node will not exist in response.
46	DocumentUpdatedOn	Returns the date/time when Document was updated



## 6.52 Document Download API

Document Download API downloads specific documents.

### Usage Rules

- ➔ User must be logged in to Asite Platform using Login API Function
- ➔ Use the following cURL command for Document Download API Service

curl --cacert "<certificate filepath>\AsiteAPI.cer" --cookie ASessionID="<session ID from the resultant XML of Login API call> <Download URI tag value Document search API or Document List API>

### Input Parameters

Parameter Name	Description
--cacert	Asite certificate file path
ASessionID	session ID from the resultant XML of Login API call
<URI>	Download URI tag value Document search API or Document List API

### Sample Download API cURL call

```
curl --insecure --cacert ".\ca-cert.cer" --cookie ASessionID="7Q6gObAaR7N3dqQVQdAvopZUTHqRR2kOMZuB0ZSDxHs=" -O https://dmsak.asite.com/api/workspace/2077197$$iYEude/folder/6107308$$khfqW4/downloadDocument/5864545$$iV8h4z
```

```
C:\Windows\System32\cmd.exe - download.bat

D:\api>download.bat

D:\api>curl --insecure --cacert ".\ca-cert.cer" --cookie ASessionID="7Q6gObAaR7N3dqQVQdAvopZUTHqRR2kOMZuB0ZSDxHs=" -O https://dmsak.qa.asite.com/api/workspace/2077197$$iYEude/folder/6107308$$khfqW4/downloadDocument/5864545$$iV8h4z
% Total % Received % Xferd Average Speed Time Time Time Current
 Dload Upload Total Spent Left Speed
100 211 100 211 0 0 224 0 --:--:-- --:--:-- --:--:-- 224

D:\api>pause
Press any key to continue . . .
```

- ➔ If user has viewOnly permission on folder, download will fail with below response:

```
<?xml version="1.0" encoding="UTF-8"?>
 <asiteDataList>
 <errorCode>228</errorCode>
 <errorMessage>DOCUMENT_DOWNLOAD_ERROR</errorMessage>
```





*<errorDescription>You cannot download this file due to one of the following reasons: 1.You do not have download privilege on project or download permission on folder, 2.File is checked out and is restricted for download</errorDescription>  
</asiteDataList>*



## 6.53 Document Status Change API

The Document status change API is used to change the status of a document within a Workspace.

### Usage Rules

- ➔ User must have been logged in and executed Workspace List as well as the Workspace Folder List API Function
- ➔ User must have executed Workspace DocStatus List API to get the list of DocStatus Types available for a specified workspace.
- ➔ Below is the required JSON format for the search criteria.

```
{
 "projectId": <Workspace Id>,
 "statusId": <Document status Id>,
 "revisionIds": <RevisionIds for which status needs to change>,
 "changeReason": <Reason for status change>
}
```

### ➔ Input Parameters

No	Field	Description	Mandatory
1	--cacert	Asite certificate file path	Yes
2	ASessionID	session ID from the resultant XML of Login API call	Yes
3	<URI>	URI tag value for document status change API call from the resultant XML of Workspace folder List API call	Yes
4	projectId	Workspace Id to which documents belong	Yes
5	statusId	New status which needs to be assign	Yes
6	revisionIds	Comma separated revisionIds for which status needs to be apply	Yes
7	changeReason	Reason for changes the status	No

- ➔ Use the following cURL command to Create Folder

```
curl --insecure --cacert ".\ca-cert.cer" --cookie
ASessionID="vZxHjZXUvYAMSGl7MbVjjc4HZcMxeYzjc7Ts2ozu7sg=" -H "Accept: application/xml" --
data "StatusChangeData={ 'projectId': '159390$$eMDQg5', 'statusId': '5', 'revisionIds':
'{2730203$$OuXw6P, 2730305$$FwAs8B}', 'changeReason': 'Design approved' }
```

### Sample XML return by Document status change API

```
<?xml version="1.0" encoding="UTF-8" ?>
<Collection>
 <CreateEntityVO>
 <Type>Change Status</Type>
 <Id>2</Id>
 <status>Successful</status>
 </CreateEntityVO>
</Collection>
```



➔ The above XML returns the following values using the Document status change API function call

Field Name	Description
Type	Returns the type of operation which gets execute.
Id	Returns the updated status Id value.
status	Returns the result status of called api.



## 6.54 Update Asite User API Service

The Update User API Service allow to update details of Asite user.

### Usage Rules

- ➔ User must have been logged in to Asite Platform using Login API Function
- ➔ User must have executed Organisation User List API to get the users list and get value of userId for update.
- ➔ Update user access check applied.
- ➔ Below is the JSON format for update user. Send the fields which user wants to update.

```
{
 "userID": <hashed user id>,
 "prefixName": <prefix name>,
 "fName": <first name>,
 "mName": <middle name>,
 "lName": <last name>,
 "jobTitle": <job title of user>,
 "language": <language of user>,
 "userAccessView": <access view of user>,
 "start_date": <start date of subscription>,
 "end_date": <end date of subscription>,
 "never_exp": <Expiry of subscription>,
 "subscriptionPlanName": <subscription plan name>,
 "billToOrgId": <Biller organization id>,
 "contractNumber": <Asite contract number>,
 "emailNotification": <Email notification send to subscribed user>,
 "is_active_user": < set user active/deactivate >,
 "comments": <comments of user>,
 "subscriptionName": <subscription of user>
}
```

### Input Parameters:

Parameter Name	Description	Mandatory
--cacert	Asite certificate file path	Yes
ASessionID	session ID from the resultant XML of Login API call>	Yes
<URI>	URI tag value for <b>updateUser</b> API call from the resultant XML of Login API	Yes
userDetails	User details json	Yes

### JSON input fields:

No	JSON Field	Description	Mandatory
1	userId	Hashed UserId of the user	Yes
2	prefixName	Prefix of the user name	No



3	fName	First name of the user	No
4	mName	Middle name of the user	No
5	lName	Last name of the user	No
6	jobTitle	Job title of the user	No
7	language	Language of the user	No
8	userAccessView	It defines user access view	No
9	start_date	Start date of subscription plan	No
10	end_date	End date of subscription plan	No
11	never_exp	true - User subscription will never end. false – expire subscription on end_date.	No
12	subscriptionPlanName	Subscription plan assing to user	No
13	billToOrgId	Billing organization for the user. OrganizationId value can get from OrganisationId tag value of resultant XML of Login API.	No
14	contractNumber	Asite contract number of the user	No
15	emailNotification	Send instance email to subscribe user. (true – send email. false – email not send)	No
16	is_active_user	true – make user active. false – make user inactive.	No
17	comments	Comments of the user	No
18	subscriptionName	Subscription of the user	No

Please refer below table for parameter values:

Parameter Name	Values
prefixName	Dr Mr Mrs Ms
subscriptionPlanName	Key Lite Key Professional Key Enterprise
userAccessView	Classic Adoddle Both
language	English(United Kingdom) English(United States) English(Canada) France(Français) Русский(Russia) Español(Spain) English(Australia) 中文(China)



	Deutsch(Germany) Gaeilge(Ireland) English(South Africa) العربية(Saudi Arabia) 日本語(Japan)
subscriptionName	subscribed subscription expired not subscribed

**WebServiceURL:**

<https://dms.asite.com/api/{servicePath}/updateUser> >updateUser.xml

Sample cURL command to call update user API:

```
curl --data "userDetails={'userId':'879712$$bngiZY','fName':'John','jobTitle':'Technical Lead','comments':'User Registration No. 452178'}" --cacert ".\AsiteAPI.cer" --cookie ASessionID="osYX8ZHWNUsfQQGm8WKI2qg8uD2R8SnYDoUY0dNjw6I=" https://dmsak.asite.com/api/portal/updateUser >updateUser.xml
```

**Sample Return Xml:**

```
<?xml version="1.0" encoding="UTF-8"?>
<asiteDataList>
 Updated Successfully
</asiteDataList>
```



## 6.55 Workspace Clone API Service

The workspace clone API Service allow to clone the workspace from workspace template.

### Usage Rules

- ➔ User must have been logged in to Asite Platform using Login API Function.
- ➔ Workspace template access check applied.
- ➔ Below is the JSON format for workspace clone API.

```
{
 "projectName" : <clone project name>,
 "selectedClientName" : <organization name>,
 "description" : <workspace description>,
 "startDate" : <start date of workspace>,
 "estFinishDate" : <end date of workspace>,
 "selectedDCId" : <data center Id of workspace>,
 "selectedSubscriptionName" : <workspace subscription type>,
}
```

### Input Parameters:

Parameter Name	Description	Mandatory
--cacert	Asite certificate file path	Yes
ASessionID	session ID from the resultant XML of Login API call	Yes
<URI>	https://adoddleak.asite.com/commonapi/workspace/saveClonedWorkspace	Yes
templateName	Name of template from which clone workspace	Yes
Project	Json of clone workspace details	Yes
additionalSettings	Parameter for applying additional setting on cloned workspace. True : if settings are required to be applied False : if settings are not required to be applied If parameter is not sent then by default, setting will not applied	No

### JSON input fields:

No	JSON Field	Description	Mandatory
1	projectName	Clone workspace Name	Yes
2	selectedClientName	Organisation name	Yes
3	description	workspace description	No
4	startDate	Start date of workspace	No
5	estFinishDate	End date of workspace	No



6	selectedDCId	Data center Id of workspace	No
7	selectedSubscriptionName	Workspace Subscription Type	No

Please refer below table for parameter values:

Parameter Name	Values
selectedDCId	1 = United Kingdom (EU01) 2 = North America (US01) 3 = Australia (AU01)

### WebServiceURL:

<https://adoddleak.asite.com/commonapi/workspace/saveClonedWorkspace>

>clonedWorkspace.xml

Sample cURL command to call Workspace Clone API:

```
curl --data "templateName='New Site Management'&project={'projectName':'Building Construction','selectedClientName':'Asite Solutions Ltd.'}&additionalSettings=true" --cacert".\AsiteAPI.cer" --cookie ASessionID="osYX8ZHWNUsfQQGm8WKI2qg8uD2R8SnYDoUY0dNjw6I=" https://adoddleak.asite.com/commonapi/workspace/saveClonedWorkspace > clonedWorkspace.xml
```

### Sample Return JSON:

```
{
 "projectName": "Building Construction",
 "projectId": "2083751$$gdZTB9",
 "includeInAdoddle": false,
 "featuredApp": false,
 "hashedProjectId": "2083751$$QeQhej",
 "spaceTypeId": 1,
 "brandingId": 0,
 "ownerOrgId": 3,
 "ownerOrgName": "Asite Solutions Ltd.",
 "countryId": 0,
 "bimEnabled": false,
 "viewerId": 5,
 "viewerName": "Thin Client Viewer",
 "statusId": 5,
 "closeTime": 0,
 "sendEmail": false,
 "canCloseWorkspace": true,
 "users": 0,
 "projectPhaseId": 0,
 "assignedOrgIds": "3",
 "newAssignedOrgIds": "3",
 "assignedProjectAdminIds": "",
 "newAssignedProjectAdminIds": "475846",
 "storageSize": 0,
 "newStorageSize": 0,
 "projectSubscriptionTypeId": 2,
 "newSpaceTypeId": 1,
 "newHashedSpaceTypeId": "1$$ZNAAdNs",
 "newSpaceTypeName": "Document, Workflow & Forms Manager",
}
```





```

"additionalDetailsLoaded": true,
"orgDetailsLoaded": false,
"adminDetailsLoaded": false,
"tenderAdminDetailsLoaded": false,
"modelDetailsLoaded": false,
"nonSubExpiredUsersList": [
{
 "userID": "475846$$KeGG4",
 "username": "Jay Harkhani",
 "fname": "Jay",
 "lname": "Harkhani",
 "orgID": 3,
 "folderAccess": 1,
 "orgName": "Asite Solutions Ltd.",
 "userSubscriptionTypeId": 1,
 "proxy_user_type_id": 0,
 "subscriptionPlanId": 0,
 "userSessionTimeout": 0,
 "isAgreedToTermsAndCondition": false,
 "isPasswordReset": false,
 "userAccountType": 0,
 "billToOrg": 0,
 "generateURI": true
}
],
"selectedOrgId": 0,
"assignDefaultAdmin": false,
"projectFileSysLocation": "///10.38.33.47/files/",
"checkOutPref": false,
"checkComparePref": false,
"calendarMailbox": "project_2083751@mail.asite.com",
"calendarMailboxPassword": "123",
"checkRevisionsAsPrivate": false,
"workspaceTypeId": "2$$LnOkGP",
"templateProjectId": "2083673",
"selectedObjectIds":
"3,23,22,6,7,8,9,26,27,10,24,12,13,14,25,17,19,21,28,29,30,31,32,1,2,3,4,5,10,11,15,16",
"inheritObjectIds":
"3,23,22,6,7,8,9,26,27,10,24,12,13,14,25,17,19,21,28,29,30,31,32,1,2,3,4,5,10,11,15,16",
"projectCreationDate": "2017-03-14 12:34:05",
"objectListLoaded": true,
"objectXMLString": "<ROOT><wsobject obj_id=\"3\" inherit_flag=\"1\" is_inheritance_update=\"0\"
/><wsobject obj_id=\"23\" inherit_flag=\"1\" is_inheritance_update=\"0\" /><wsobject obj_id=\"22\"
inherit_flag=\"1\" is_inheritance_update=\"0\" /><wsobject obj_id=\"6\" inherit_flag=\"1\"
is_inheritance_update=\"0\" /><wsobject obj_id=\"7\" inherit_flag=\"1\" is_inheritance_update=\"0\"
/><wsobject obj_id=\"8\" inherit_flag=\"1\" is_inheritance_update=\"0\" /><wsobject obj_id=\"9\"
inherit_flag=\"1\" is_inheritance_update=\"0\" /><wsobject obj_id=\"26\" inherit_flag=\"1\"
is_inheritance_update=\"0\" /><wsobject obj_id=\"27\" inherit_flag=\"1\" is_inheritance_update=\"0\"
/><wsobject obj_id=\"10\" inherit_flag=\"1\" is_inheritance_update=\"0\" /><wsobject obj_id=\"24\"
inherit_flag=\"1\" is_inheritance_update=\"0\" /><wsobject obj_id=\"12\" inherit_flag=\"1\"
is_inheritance_update=\"0\" /><wsobject obj_id=\"13\" inherit_flag=\"1\" is_inheritance_update=\"0\"
/><wsobject obj_id=\"14\" inherit_flag=\"1\" is_inheritance_update=\"0\" /><wsobject obj_id=\"25\"
inherit_flag=\"1\" is_inheritance_update=\"0\" /><wsobject obj_id=\"17\" inherit_flag=\"1\"
is_inheritance_update=\"0\" /><wsobject obj_id=\"19\" inherit_flag=\"1\" is_inheritance_update=\"0\"
/><wsobject obj_id=\"21\" inherit_flag=\"1\" is_inheritance_update=\"0\" /><wsobject obj_id=\"28\"
inherit_flag=\"1\" is_inheritance_update=\"0\" /><wsobject obj_id=\"29\" inherit_flag=\"1\"
is_inheritance_update=\"0\" /><wsobject obj_id=\"30\" inherit_flag=\"1\" is_inheritance_update=\"0\"
/><wsobject obj_id=\"31\" inherit_flag=\"1\" is_inheritance_update=\"0\" /><wsobject obj_id=\"32\"

```



```

inherit_flag="\1\" is_inheritance_update="\0\" /><wsobject obj_id="\1\" inherit_flag="\1\"
is_inheritance_update="\0\" /><wsobject obj_id="\2\" inherit_flag="\1\" is_inheritance_update="\0\"
/><wsobject obj_id="\3\" inherit_flag="\1\" is_inheritance_update="\0\" /><wsobject obj_id="\4\"
inherit_flag="\1\" is_inheritance_update="\0\" /><wsobject obj_id="\5\" inherit_flag="\1\"
is_inheritance_update="\0\" /><wsobject obj_id="\10\" inherit_flag="\1\" is_inheritance_update="\0\"
/><wsobject obj_id="\11\" inherit_flag="\1\" is_inheritance_update="\0\" /><wsobject obj_id="\15\"
inherit_flag="\1\" is_inheritance_update="\0\" /><wsobject obj_id="\16\" inherit_flag="\1\"
is_inheritance_update="\0\" /></ROOT>",
"workspaceSettingsVO": {
 "docListBasketOptions": [
 {
 "name": "Doc Ref",
 "value": "2",
 "generateURI": true
 },
 {
 "name": "Attached File",
 "value": "3",
 "generateURI": true
 },
 {
 "name": "Checkout Status",
 "value": "4",
 "generateURI": true
 },
 {
 "name": "Doc Title",
 "value": "5",
 "generateURI": true
 },
 {
 "name": "Iss No",
 "value": "8",
 "generateURI": true
 },
 {
 "name": "Rev",
 "value": "9",
 "generateURI": true
 },
 {
 "name": "Published",
 "value": "11",
 "generateURI": true
 }
],
 "comRegOptions": [
 {
 "name": "Doc Ref",
 "value": "13",
 "generateURI": true
 },
 {
 "name": "Doc Title",
 "value": "14",
 "generateURI": true
 }
]
}

```



```

 "name": "Iss No",
 "value": "17",
 "generateURI": true
 },
 {
 "name": "Rev",
 "value": "18",
 "generateURI": true
 },
 {
 "name": "Comment Title",
 "value": "21",
 "generateURI": true
 },
 {
 "name": "Comment Date",
 "value": "23",
 "generateURI": true
 }
],
"docDistOptions": [
 {
 "name": "Doc Ref",
 "value": "25",
 "generateURI": true
 },
 {
 "name": "Doc Title",
 "value": "26",
 "generateURI": true
 },
 {
 "name": "Iss No",
 "value": "29",
 "generateURI": true
 },
 {
 "name": "Rev",
 "value": "30",
 "generateURI": true
 },
 {
 "name": "Published",
 "value": "32",
 "generateURI": true
 },
 {
 "name": "Assigned Date",
 "value": "37",
 "generateURI": true
 },
 {
 "name": "Action Due",
 "value": "38",
 "generateURI": true
 },
 {
 "name": "Transmittal No",

```



```
 "value": "39",
 "generateURI": true
 },
],
"formListBasketOptions": [
 {
 "name": "FormID",
 "value": "40",
 "generateURI": true
 },
 {
 "name": "Form Title",
 "value": "41",
 "generateURI": true
 },
 {
 "name": "User Ref",
 "value": "42",
 "generateURI": true
 },
 {
 "name": "Close Due",
 "value": "43",
 "generateURI": true
 },
 {
 "name": "Msg Date",
 "value": "45",
 "generateURI": true
 }
],
"formDistOptions": [
 {
 "name": "FormID",
 "value": "46",
 "generateURI": true
 },
 {
 "name": "Form Title",
 "value": "47",
 "generateURI": true
 },
 {
 "name": "Close Due",
 "value": "48",
 "generateURI": true
 },
 {
 "name": "MsgId",
 "value": "49",
 "generateURI": true
 },
 {
 "name": "Msg Date",
 "value": "51",
 "generateURI": true
 },
 {

```



```

 "name": "Assigned Date",
 "value": "57",
 "generateURI": true
 },
 {
 "name": "Action Date",
 "value": "58",
 "generateURI": true
 }
],
"docListSortFieldId": 0,
"docBasketSortFieldId": 0,
"comRegSortFieldId": 0,
"docDistSortFieldId": 0,
"formListSortFieldId": 0,
"formBasketSortFieldId": 0,
"formDistSortFieldId": 0,
"docPerPage": 0,
"formPerPage": 0,
"checkOutPref": false,
"checkComparePref": false,
"checkCreateCommentPref": 0,
"checkViewDocumentPoi": false,
"checkPrintDocumentPoi": false,
"checkViewDocumentStatus": false,
"checkPrintDocumentStatus": false,
"publishPrivateDocRevPref": false,
"applyToAllWorkspace": false,
"docListSortOrderValue": -1,
"docDistSortOrderValue": -1,
"docBasketSortOrderValue": -1,
"comRegSortOrderValue": -1,
"formListSortOrderValue": -1,
"formDistSortOrderValue": -1,
"formBasketSortOrderValue": -1,
"docActionNotificationFromPersonalEmailAdd": false,
"formActionNotificationFromPersonalEmailAdd": false,
"unreadCommentNotificationFromPersonalEmailAdd": false,
"wsInviteNotificationFromPersonalEmailAdd": false,
"docActionEmailSubject": "",
"formActionEmailSubject": "",
"unreadCommentEmailSubject": "",
"wsInviteEmailSubject": "",
"overwriteOrAppendEmailSubjDocAction": -1,
"overwriteOrAppendEmailSubjFormAction": -1,
"overwriteOrAppendEmailSubjUnreadComment": -1,
"overwriteOrAppendEmailSubjWsInvite": -1,
"workspaceQRCodeSettingsVO": {
 "projectId": "2083751$$gdZTB9",
 "supportQrCode": false,
 "supportedFileFormates": [],
 "qrCodePosition": "",
 "qrCodeDisplacementTop": 0,
 "qrCodeDisplacementLeft": 0,
 "qrCodeDisplacementBottom": 0,
 "qrCodeDisplacementRight": 0,
 "qrCodeDisplacementMeasureIn": "",
 "verifyDocPOIs": false,

```



```

"verifyDocStatuses": false,
"resultantMessageLatest": "",
"resultantMessageSuperseded": "",
"selectedPurposeOfIssues": [],
"selectedStatuses": [],
"purposeOfIssueOptions": [
{
 "purpose_issue_id": 0,
 "created_by_org_id": 0,
 "purpose": "---",
 "project_id": "0$$1Cc65T",
 "purpose_doc_issue_id_active": 0,
 "is_active": 0,
 "generateURI": true
}
],
"statusOptions": [
{
 "always_active": false,
 "userId": 0,
 "isDeactive": false,
 "defaultPermissionId": 0,
 "statusName": "For Approve",
 "statusID": 1,
 "orgId": "0$$6PQWXA",
 "generateURI": true
},
{
 "always_active": false,
 "userId": 0,
 "isDeactive": false,
 "defaultPermissionId": 0,
 "statusName": "In progress",
 "statusID": 2,
 "orgId": "0$$6PQWXA",
 "generateURI": true
},
{
 "always_active": false,
 "userId": 0,
 "isDeactive": false,
 "defaultPermissionId": 0,
 "statusName": "---",
 "statusID": 998,
 "orgId": "0$$6PQWXA",
 "generateURI": true
},
{
 "always_active": false,
 "userId": 0,
 "isDeactive": false,
 "defaultPermissionId": 0,
 "statusName": "Prepublished",
 "statusID": 999,
 "orgId": "0$$6PQWXA",
 "generateURI": true
}
],

```



```
"fileFormateOptions": [
 {
 "fileFormatId": 1,
 "fileFormat": "PDF",
 "generateURI": true
 }
],
"applyAllPages": false,
"folderId": "0$$E52dL6",
"enableFolderQRCode": false
},
"sharingXRefsProjectTeam": true,
"hasXref": false,
"restrictDownloadOnCheckOut": false,
"generateURI": true
},
"wsSettingsLoaded": true,
"enableInNavigator": false,
"enableSimpleUpload": false,
"includeSubFolders": true,
"regionId": 0,
"isProjectCreation": true,
"isCloned": true,
"dataCenterId": 1,
"projectDataSource": "java:/dmsdb",
"inheritanceOn": 0,
"isSyncIndexUpdate": true,
"aSessionId": "b6LzAV4Sr8MVQwdkaWjdnfJbmnx4w1jOYarXvZkletU=",
"isUpdateOrgUsers": false,
"projectStatusChanged": false,
"allowSharedLink": false,
"fieldEnabled": true,
"enableQRCode": false,
"moduleId": 0,
"defaultPermissionTypeId": 0,
"isTemplate": false,
"generateURI": true
}
```



## 6.56 Get User Projects and Roles Details API Service

The Get User projects and roles details API Service returns provided User's projects along with roles details.

### Usage Rules

- ➔ User must have been logged in to Asite Platform using Login API Function
- ➔ User privilege check for project will be applied.
- ➔ Use the following cURL command for api call:

```
Curl -H "Accept: application/xml" --data "userId={userId}" --cacert "<certificate filepath>\AsiteAPI.cer" -
-cookie ASessionID="<session ID from the resultant XML of Login API call> <URI tag value for Get
User projects and roles details from the resultant XML of Login API call>
```

### Input Parameters

Parameter Name	Description	Mandatory
--cacert	Asite certificate file path	Yes
Accept	Set request header	No
userId	Hashed user Id of the user	Yes
ASessionID	session ID from the resultant XML of Login API call	Yes
<URI>	URI tag value for Get User projects and roles details from the resultant XML of Login API call	Yes

- ➔ By default, API is returning JSON in response to get XML in response specify **Accept** header in request.

For XML - Accept: application/xml

For JSON - Accept: application/json

### WebServiceURL:

<https://adoddle.asite.com/commonapi/user/getUserWorkspaceAndRoleByUserId > UserProjectsAndRolesDetails.xml>

### Sample Return XML:

```
<?xml version='1.0' encoding='UTF-8'?>
<asiteDataList>
 <WorkspaceVO>
 <Workspace_Id>2076702$$cB7P4T</Workspace_Id>
 <Workspace_Name>Construction Site</Workspace_Name>
 <Roles>
 <RoleVO>
 <Workspace_Role>Administrator</Workspace_Role>
 <Role_Id>2190637$$GQ2jtf</Role_Id>
 </RoleVO>
 </Roles>
 </WorkspaceVO>
 <WorkspaceVO>
 <Workspace_Id>55285$$hI0jJC</Workspace_Id>
 <Workspace_Name>Bridge development site 1</Workspace_Name>
 <Roles>
```





```

 <RoleVO>
 <Workspace_Role>Workspace - Administrator</Workspace_Role>
 <Role_Id>121248$$B83FCC</Role_Id>
 </RoleVO>
 <RoleVO>
 <Workspace_Role>Project Manager</Workspace_Role>
 <Role_Id>142382$$nNNk0F</Role_Id>
 </RoleVO>
 <RoleVO>
 <Workspace_Role>Supervisor</Workspace_Role>
 <Role_Id>158091$$1ZUBA3</Role_Id>
 </RoleVO>
 <RoleVO>
 <Workspace_Role>Service Engineer</Workspace_Role>
 <Role_Id>158122$$8zF57D</Role_Id>
 </RoleVO>
 </Roles>
</WorkspaceVO>
</asiteDataList>

```

### Default Fields Returned

FieldName	Description
Workspace_Id	Returns Hashed numeric id of workspace
Workspace_Name	Returns workspace name
Workspace_Role	Returns workspace role name
Role_Id	Returns Hashed numeric id of workspace role



## 6.57 Form Search API

Form Search API returns a list of forms based on specified criteria provided in JSON format.

### Usage Rules

- ➔ User must have been logged in using Login API.
- ➔ Retrieve URI Tag value for Form Search API from ResultXML of Login API.
- ➔ Below is the required JSON format for search criteria.

```
{
 "criteria": [{
 "field": <name of field 1>,
 "operator": <operator id>,
 "values": [<value 1>, <value 2>, <value n>]
 },
 {
 "field": <name of field 2>,
 "operator": <operator id>,
 "values": [<value 1>, <value 2>, <value n>]
 }
],
 "recordStart": <Integer value>,
 "recordLimit": <Integer value>,
 "sortField": <name of field>,
 "sortOrder": <asc/desc>,
 "settings": {
 "includeMessages": <true/false>,
 "includeActions": <true/false>,
 "includeCustomFields": <true/false>
 }
}
```

- ➔ Please refer below table for search criteria json fields

No	json field	Description	Mandatory	Default value
1	criteria	Array of search criteria	Yes	
2	field	Field name in search criteria	Yes	
3	operator	Operator for search criteria	Yes	
4	values	Array of value(s) to be search for search criteria	Yes	
5	recordStart	Number of leading documents to skip	No	1
6	recordLimit	Number of documents to return after recordStart (Maximum records limit must not exceed 1000)	No	10
7	sortField	Sort field name	No	Updatedate
8	sortOrder	Sort field Order(asc/desc)	No	desc
9	settings	Object of different setting to return details in result JSON.	No	
10	includeMessages	Include all messages of form in search result	No	false
11	includeActions	Include forms all actions data in search result	No	false
12	includeCustomFields	Include custom fields value of form in search result	No	false



➔ Example: For JSON from above format

```
{
 "criteria": [{
 "field": "ProjectName",
 "operator": 1,
 "values": ["Corporate Construction Site"]
 }, {
 "field": "FormTitle",
 "operator": 3,
 "values": ["Bridge"]
 }
],
 "recordStart": 1,
 "recordLimit": 10,
 "sortField": "FormTitle",
 "sortOrder": "desc",
 "settings": {
 "includeMessages": "true",
 "includeActions": "true"
 }
}
```

In API request, provide search criteria json in **searchCriteria** parameter.

By default, API returning JSON in response to get XML in response specify **Accept** header in request.

For XML - Accept: application/xml

For JSON - Accept: application/json

➔ List of search criterias supported by Form Search API are as mentioned below:

No	Field	Datatype	Sorting support	Remarks
1	UpdateDate	DATE	Yes	
2	ID	STRING	Yes	
3	FormCode	STRING	Yes	
4	FormName	STRING	Yes	
5	FormStatus	STRING	Yes	
6	ProjectName	STRING	Yes	
7	IsPublic	BOOLEAN	Yes	
8	MessageCreator	STRING	Yes	
9	UserRef	STRING	Yes	
10	IsDraft	BOOLEAN	Yes	
11	HasDocumentAttached	BOOLEAN	Yes	



12	HasDocumentAssociated	BOOLEAN	Yes	
13	HasDiscussionAssociated	BOOLEAN	Yes	
14	HasFormAssociated	BOOLEAN	Yes	
15	HasViewAssociated	BOOLEAN	Yes	

➔ Please refer the table shown below for supported operators for different datatype.

No	Datatype	Description	Supported Operators	Operator Value
1	STRING	Used to search free text field like FormTitle, ProjectName. value for this data type any string	EQUALS NOT_EQUALS CONTAINS NOT_CONTAIN	1 2 3 4
2	DATE	Used to search date related field value for this data type is formatted date in user locale	EQUALS GREATER_THAN_EQUAL LESS_THAN_EQUAL	1 5 6
3	BOOLEAN	Used to search Boolean field value for this data type is true/false	EQUALS	1

➔ Sample Form search API cURL Call

```
curl --insecure --cacert ".\ca-cert.cer" --cookie ASessionID="08xVUky7jkmUd9XM3MfEgBXEpAwLwtI16oWZMIYVAJ4=" -H "Accept: application/xml" --data "searchCriteria={ 'criteria': [{ 'field' : 'ProjectName', 'operator' : 1, 'values' : ['Corporate Construction Site'] }, { 'field' : 'FormTitle', 'operator' : 3, 'values' : ['Bridge'] }], 'recordStart' : 1, 'recordLimit' : 1, 'sortField' : 'FormTitle', 'sortOrder' : 'desc', 'settings': { 'includeMessages' : true, 'includeActions' : true } }" https://adoddleak.asite.com/commonapi/formsearchapi/search > formsearch.xml
```

```
C:\WINDOWS\system32\cmd.exe
D:\api>curl --insecure --cacert ".\ca-cert.cer" --cookie ASessionID="08xVUky7jkmUd9XM3MfEgBXEpAwLwtI16oWZMIYVAJ4=" -H "Accept: application/xml" --data "searchCriteria={ 'criteria': [{ 'field' : 'ProjectName', 'operator' : 1, 'values' : ['Corporate Construction Site'] }, { 'field' : 'FormTitle', 'operator' : 3, 'values' : ['Bridge'] }], 'recordStart' : 1, 'recordLimit' : 1, 'sortField' : 'FormTitle', 'sortOrder' : 'desc', 'settings': { 'includeMessages' : true, 'includeActions' : true } }" https://adoddleak.asite.com/commonapi/formsearchapi/search 1>formSearch.xml
% Total % Received % Xferd Average Speed Time Time Time Current
 Dload Upload Total Spent Left Speed
100 3064 100 2737 100 327 430 51 0:00:06 0:00:06 --:--:-- 581

D:\api>pause
Press any key to continue . . .
```

➔ Sample XML return by Form search API

```
<FormResponseVO>
 <responseHeader>
 <results>1</results>
 <results-total>2</results-total>
 </responseHeader>
 <FormList>
 <Form>
```



```

<URI>https://dmsqa2ak.asite.com/api/workspace/2062764$$Svi5Xz/form/10088942$$V5WYHr/fo
rmdetails</URI>
 <FormID>10088942$$V5WYHr</FormID>
 <FormDetails>
 <FormName>A combined Form</FormName>
 <ProjectName>Corporate Construction Site</ProjectName>
 <ID>ACF005(2)</ID>
 <FormTitle>Bridge First Phase Design</FormTitle>
 <UserRef>001</UserRef>
 <UpdateDate>Dec 22, 2017#11:27 IST</UpdateDate>
 <CloseDue>Dec 29, 2017#23:59 IST</CloseDue>
 <FormStatus/>
 <FormTypeId>2363753$$2X3xxV</FormTypeId>
 <FormOriginator>Jay Harkhani</FormOriginator>
 <CustomFields>
 <CustomField>
 <FieldName>CFID_DS_ISDRAFT_RES_MSG</FieldName>
 <FieldValue/>
 </CustomField>
 <CustomField>
 <FieldName>CFID_Asite_System_Data_Read_Only</FieldName>
 <FieldValue/>
 </CustomField>
 <CustomField>
 <FieldName>CFID_DS_FORMAUTONO</FieldName>
 <FieldValue/>
 </CustomField>
 <CustomField>
 <FieldName>CFID_Todays_Date</FieldName>
 <FieldValue>2016-05-21</FieldValue>
 </CustomField>
 <CustomField>
 <FieldName>CFID_DS_PROJUSERS_ALL_ROLES</FieldName>
 <FieldValue/>
 </CustomField>
 </CustomFields>
 <MyActions>
 <FormAction>
 <ActionID>7</ActionID>
 <ActionName>For Information</ActionName>
 <ActionCompletionDate>Dec 22, 2017#18:16 IST</ActionCompletionDate>
 <ActionComplete>Yes</ActionComplete>
 <ActionCleared>No</ActionCleared>
 <ActionTime/>
 </FormAction>
 <FormAction>
 <ActionID>2</ActionID>
 <ActionName>Assign Status</ActionName>
 <ActionCompletionDate/>
 <ActionComplete>No</ActionComplete>
 <ActionCleared>No</ActionCleared>
 <ActionTime>-4 Days</ActionTime>
 </FormAction>
 </MyActions>
 </FormDetails>
 <FormMessages>
 <FormMessage>

```



```

<Type>RES</Type>
<Number>RES001</Number>
<FormMsgID>10105259$$w8f7ql</FormMsgID>
<MessageOriginator>Priyam Patel</MessageOriginator>
<CreationDate>Dec 22, 2017#10:58 IST</CreationDate>
<IsDraft>>false</IsDraft>
<OriginatorUserId>516447$$KPbzpX</OriginatorUserId>
<HasDocumentAttached>>true</HasDocumentAttached>
<HasDocumentAssociated>>true</HasDocumentAssociated>
<HasDiscussionAssociated>>false</HasDiscussionAssociated>
<HasFormAssociated>>false</HasFormAssociated>
<HasViewAssociated>>false</HasViewAssociated>
<CustomFields>
 <CustomField>
 <FieldName>CFID_DS_ISDRAFT_RES_MSG</FieldName>
 <FieldValue/>
 </CustomField>
 <CustomField>
 <FieldName>CFID_Asite_System_Data_Read_Only</FieldName>
 <FieldValue/>
 </CustomField>
 <CustomField>
 <FieldName>CFID_DS_FORMAUTONO</FieldName>
 <FieldValue/>
 </CustomField>
 <CustomField>
 <FieldName>CFID_Todays_Date</FieldName>
 <FieldValue>2016-05-21</FieldValue>
 </CustomField>
 <CustomField>
 <FieldName>CFID_DS_PROJUSERS_ALL_ROLES</FieldName>
 <FieldValue/>
 </CustomField>
</CustomFields>
<MyActions>
 <FormAction>
 <ActionID>7</ActionID>
 <ActionName>For Information</ActionName>
 <ActionCompletionDate>Dec 22, 2017#18:16
IST</ActionCompletionDate>
 <ActionComplete>Yes</ActionComplete>
 <ActionCleared>No</ActionCleared>
 <ActionTime/>
 </FormAction>
</MyActions>
</FormMessage>
<FormMessage>
 <Type>ORI</Type>
 <Number>ORI001</Number>
 <FormMsgID>10105229$$HMREQZ</FormMsgID>
 <MessageOriginator>Jay Harkhani</MessageOriginator>
 <CreationDate>Dec 22, 2017#10:58 IST</CreationDate>
 <IsDraft>>false</IsDraft>
 <OriginatorUserId>475846$$iXvmA2</OriginatorUserId>
 <HasDocumentAttached>>true</HasDocumentAttached>
 <HasDocumentAssociated>>true</HasDocumentAssociated>
 <HasDiscussionAssociated>>false</HasDiscussionAssociated>
 <HasFormAssociated>>false</HasFormAssociated>

```



```

<HasViewAssociated>false</HasViewAssociated>
<CustomFields>
 <CustomField>
 <FieldName>CFID_DS_ISDRAFT_RES_MSG</FieldName>
 <FieldValue/>
 </CustomField>
 <CustomField>
 <FieldName>CFID_Asite_System_Data_Read_Only</FieldName>
 <FieldValue/>
 </CustomField>
 <CustomField>
 <FieldName>CFID_DS_FORMAUTONO</FieldName>
 <FieldValue/>
 </CustomField>
 <CustomField>
 <FieldName>CFID_Todays_Date</FieldName>
 <FieldValue>2016-05-21</FieldValue>
 </CustomField>
 <CustomField>
 <FieldName>CFID_DS_PROJUSERS_ALL_ROLES</FieldName>
 <FieldValue/>
 </CustomField>
</CustomFields>
<MyActions>
 <FormAction>
 <ActionID>2</ActionID>
 <ActionName>Assign Status</ActionName>
 <ActionCompletionDate/>
 <ActionComplete>No</ActionComplete>
 <ActionCleared>No</ActionCleared>
 <ActionTime>-4 Days</ActionTime>
 </FormAction>
</MyActions>
</FormMessage>
</FormMessages>
</Form>
</FormList>
</FormResponseVO>

```



Following values are returned using the Form search API call

results-total: indicates the number of forms that matched with specified search criteria.

results: specified form search Limit specified in recordLimit parameter

No	Field	Description
1	FormID	Returns the formId for form
2	FormName	Returns the Form Type name
3	ID	Returns the Form ID
4	FormTitle	Returns the Form Title
5	UserRef	Returns the User ref for form
6	UpdateDate	Returns the Updated date of form
7	CloseDue	Returns the Close due date of form
8	FormStatus	Returns the Status of form



9	FormTypeId	Returns the Form Type Id of form
10	FormOriginator	Returns the Originator name of form
11	MyActions	Returns all actions of form
12	FormAction	Returns each action details
13	ActionID	Returns the Id of form action
14	ActionDisplayName	Returns the name of form action
15	ActionCompletionDate	Returns the completion date of form action
16	ActionComplete	Returns the action completion status. Value can be Yes or No. If action completed, then Yes Otherwise No.
17	ActionCleared	Returns the action cleared status. Value can be Yes or No. If action cleared, then Yes Otherwise No.
18	ActionTime	Returns the time remains to complete action. It can be negative value in case of action is overdue.
19	CustomFields	Returns the custom fields values of form.

## 6.58 Task Search API

Task Search API returns a list of tasks based on specified criteria in JSON. It will return list of Documents and Apps. Task details on which the user has access to, regardless of recipient's, based on Task modification date. This includes task assignment, completion, delegation, deactivation and clear of tasks.

### Usage Rules

- ➔ User must have been logged in using Login API.
- ➔ Retrieve URI Tag value for Task Search API from ResultXML of Login API.
- ➔ Below is the required JSON format for search criteria.

```
{
 "criteria": [{
 "field": <name of field 1>,
 "operator": <operator id>,
 "values": [<value 1>, <value 2>, <value n>]
 },
 {
 "field": <name of field 2>,
 "operator": <operator id>,
 "values": [<value 1>, <value 2>, <value n>]
 }
],
 "recordStart": <Integer value>,
 "recordLimit": <Integer value>
}
```





➔ Please refer below table for search criteria json fields

No	json field	Description	Mandatory	Default value
1	Criteria	Array of search criteria	Yes	
2	Field	Field name in search criteria	Yes	
3	Operator	Operator for search criteria	Yes	
4	Values	Array of value(s) to be search for search criteria	Yes	
5	recordStart	Number of leading documents to skip	No	1
6	recordLimit	Number of documents to return after recordStart (Cannot exceed 1000)	No	10
7	viewAllUserAction	specify whether to return all user's action	No	false

➔ Example: For JSON from above format

```
{
 "criteria": [{
 "field": "project_name",
 "operator": 1,
 "values": ["Project Phase-1"]
 }, {
 "field": "task_modification_date",
 "operator": 5,
 "values": ["4-dec-2018"]
 }, {
 "field": "task_modification_date",
 "operator": 6,
 "values": ["10-dec-2018"]
 }, {
 "field": "entity_type",
 "operator": 1,
 "values": ["1", "2"]
 }
],
 "recordStart": 1,
 "recordLimit": 10,
 "viewAllUserAction": false
}
```

Note: viewAllUserAction option can be used to specify whether to return all user actions or not.

➔ List of search criteria supported by Task Search API are as mentioned below:

No	Field	Datatype	Mandatory	Remarks
1	project_name	STRING	Yes	Project Name to be searched
2	task_modification_date	DATE	Yes	Task Modification Date (Please provide date range for this.)
3	entity_type	CHOICE	Yes	Entity Type 1 for Form and 2 for Document



In API request, provide search criteria json in **searchCriteria** parameter.

By default, API returning JSON in response to get XML in response specify **Accept** header in request.

For XML - Accept: application/xml

For JSON - Accept: application/json

➔ List of search criteria supported by Task Search API are as mentioned below:

No	Datatype	Description	Supported Operators	Operator Value
1	STRING	Used to search free text field like project name. value for this data type any string	EQUALS NOT_EQUALS CONTAINS NOT_CONTAIN	1 2 3 4
2	CHOICE	Used to search field like link_type Any value from predefine set of value.	EQUALS	1
3	DATE	Used to search date related field value for this data type is formatted date in user locale	EQUALS GREATER_THAN_EQUAL LESS_THAN_EQUAL greater_than_equal and less_than_equal also support time(optional) in following format  <b>formatted date#hh:mm:ss</b> <b>Considered as</b>	1 5 6
		<b>Example</b>		
		formatted date#22	date, 22 hours	
		formatted date#22:55	date, 22 hours 55 minutes	
		formatted date#22:55:30	date, 22 hours 55 minutes 30 seconds	

➔ Sample Task search API cURL Call

```
curl --insecure --cacert --request POST --url
```

```
https://adoddleak.asite.com/commonapi/tasksearchapi/search --header 'content-type:
```

```
application/x-www-form-urlencoded' --header 'cookie:
```

```
ASessionID=d7YfmNC3r4bkn9hZWMeqQOJITGQC4EspTi7jPZLZb5o=' --cookie
```

```
ASessionID=d7YfmNC3r4bkn9hZWMeqQOJITGQC4EspTi7jPZLZb5o= --data
```

```
"searchCriteria={ 'criteria' : [{ 'field' : 'project_name', 'operator' : 1, 'values' : ['Project Phase-1'] }, {
'field' : 'task_modification_date', 'operator' : 5, 'values' : ['4-dec-2018#15:8'] }, { 'field' :
'task_modification_date', 'operator' : 6, 'values' : ['6-dec-2018'] }, { 'field' : 'entity_type', 'operator' : 1,
'values' : ['1', '2'] }], 'recordStart' : 1, 'recordLimit' : 10, 'viewAllUserAction' : true }" > tasksearch.json
```



```

C:\Windows\System32\cmd.exe

D:\API Demo>taskSearchAPI.bat

D:\API Demo>curl --insecure --cacert --request POST --url https://adoddleqa2ak.asite.com/commonapi/tasksearchapi/search --header 'content-type: application
/x-www-form-urlencoded' --header 'cookie: ASessionID=d7YfmNC3r4bkn9hZWMeqQ0JITGQC4EspTi7jPZLZb5o=' --cookie ASessionID=d7YfmNC3r4bkn9hZWMeqQ0JITGQC4EspTi7j
PZLZb5o= --data "searchCriteria={ 'criteria': [{ 'field': 'project_name', 'operator': 1, 'values': ['Project Phase-1'] }, { 'field': 'task_modificati
on_date', 'operator': 5, 'values': ['4-dec-2018#15:8'] }, { 'field': 'task_modification_date', 'operator': 6, 'values': ['6-dec-2018'] }, { 'field'
: 'entity_type', 'operator': 1, 'values': ['1', '2'] }], 'recordStart': 1, 'recordLimit': 10, 'viewAllUserAction': true }" l>tasksearch.json

% Total % Received % Xferd Average Speed Time Time Time Current
Dload Upload Total Spent Left Speed
100 4068 100 3644 100 424 396 46 0:00:09 0:00:09 --:--:-- 811
100 7458 100 7034 100 424 3631 218 0:00:01 0:00:01 --:--:-- 4689
100 4068 100 3644 100 424 350 40 0:00:10 0:00:10 --:--:-- 1015
100 4130 100 3706 100 424 3706 424 0:00:01 --:--:-- 0:00:01 3706

D:\API Demo>

```

## ➡ Sample XML return by Task search API

```

<ActionsResponseVO>
 <responseHeader>
 <results>10</results>
 <results-total>10</results-total>
 <collection>actionscomments</collection>
 </responseHeader>
 <actionVO>
 <project_id>2100598</project_id>
 <entity_type>2</entity_type>
 <resource_id>7101256</resource_id>
 <action_id>9</action_id>
 <distributor_user_id>702646</distributor_user_id>
 <recipient_id>654046</recipient_id>
 <recipient_org_id>3</recipient_org_id>
 <assignedBy_org_id>3</assignedBy_org_id>
 <action_date>04-Dec-2018#15:11 IST</action_date>
 <action_complete_date/>
 <due_date>10-Dec-2018#23:59 IST</due_date>
 <action_status>4</action_status>
 <remarks>document distribution test</remarks>
 <resource_parent_id>10482184</resource_parent_id>
 <action_name>For Comment</action_name>
 <action_notes>document distribution test</action_notes>
 <assigned_by>Mahesh Meniya (5366),Asite Solutions</assigned_by>
 <assigned_by_org_name>Asite Solutions</assigned_by_org_name>
 <recipient_name>Bhaumik Joshi (5234),Asite Solutions</recipient_name>
 <recipient_org_name>Asite Solutions</recipient_org_name>
 <is_active>false</is_active>
 <action_modification_date>04-Dec-2018#15:22 IST</action_modification_date>
 </actionVO>
</ActionsResponseVO>

```



➔ Following values are returned using the Task search API call

results-total: indicates the number of documents that matched with specified search criteria.

results: specified document search Limit specified in recordLimit parameter

No	Field	Description
1	project_id	ProjectId for Action
2	entity_type	Entity Type (1 for form and 2 for document) for Action
3	resource_id	Resource Id (form message id for form and revision id for document) for action
4	action_id	ActionId for action document
5	distributor_user_id	Action distributor UserId
6	recipient_id	Action recipientId
7	recipient_org_id	OrgId of action recipient
8	assignedBy_org_id	OrgId of action Distributor
9	action_date	Action assign date
10	action_complete_date	Action completed date (for completed action)
11	due_date	Action due date (for due action)
12	action_status	Current status for action
13	remarks	Remarks for action
14	resource_parent_id	Resource Parent Id (form id for form and document id for document) for action
15	action_name	Action name
16	action_notes	Action note
17	assigned_by	Name of action distributor
18	assigned_by_org_name	Action distributor org name
19	recipient_name	Recipient name
20	recipient_org_name	Recipient org name
21	is_active	Returns the action status
22	action_modification_date	Action modification date

## 6.59 Link Type Update API

Link Type Update API will update link type based on detailed specified in JSON. It will return response based on operation completed successfully or not.

### Usage Rules

- ➔ User must have been logged in using Login API.
- ➔ Retrieve URI Tag value for Link Type Update API from ResultXML of Workspace List API.
- ➔ Below are the required parameters for link type update.

```
projectId: <Hased ProjectId>
linkTypeDetails: [{
```



```

 "revisionIds": <Hashed revisionIds>,
 "linkType": <update type Id>,
 "isLinkSupersededRevisions": <true/false>
 }
}

```

➔ Please refer below table for criteria json fields

No	json field	Description	Mandatory	Remarks
1	revisionIds	Comma separated revisionId for which want to update link.	Yes	
2	linkType	Link Type which need to set.	Yes	1=Static 2=Dynamic
3	isLinkSupersededRevisions	To update link type in superseded revision	No	True/false. Default value false.

➔ Example:

- 1) To Update with same criteria for multiple revision mention comma separated values in revisionIds.

```

[
 {
 "revisionIds": "7167090$$wnUHSZ,7167089$$gEZJ80",
 "linkType": 2,
 "isLinkSupersededRevisions": true
 }
]

```

- 2) To Update with different criterias provide JSONObject for each.

```

[
 {
 "revisionIds": "7167090$$wnUHSZ,7167080$$soa9CAB",
 "linkType": 2,
 "isLinkSupersededRevisions": true
 },
 {
 "revisionIds": "7167089$$gEZJ80",
 "linkType": 1,
 "isLinkSupersededRevisions": false
 }
]

```

➔ Sample Link Update Type API cURL Call

```

curl --insecure --cacert --request POST --url
https://adoddleak.asite.com/commonapi/document/updateLinkType --cookie
ASessionID="XKSq2PjTfDffCfyEUQgGBJdF2c0lhnzr5Ud2vfGwOE=" --data
"projectId=2083674$$uvDhGO&linkTypeDetails=[{'revisionIds' : '7167057$$RkeSzm', 'linkType':2, '
isLinkSupersededRevisions':true }]" > linkUpdateType.json

```

➔ Sample XML return by Link Update Type API

```

<?xml version="1.0" encoding="UTF-8"?>
<data>
 <message>Link Updated Successfully</message>
 <status>Success</status>
</data>

```



## 7 Accessing the Asite API Service

Users registered and subscribed to Asite can access Data on ABOS platform using Asite API functions. Such users will be able to make API function calls either by using any REST based API (e.g. cURL) or using direct Web Service queries for AppBuilder Forms.

### 7.1 Accessing API Functions using cURL commands

cURL is a command line tool for transferring data with URL syntax, supporting: FTP, FTPS, HTTP, HTTPS, SCP, SFTP, TFTP, TELNET, DICT, LDAP, LDAPS, FILE, IMAP, SMTP, POP3 and RTSP.

cURL supports SSL certificates, HTTP POST, HTTP PUT, FTP uploading, HTTP form based upload, proxies, cookies, userID - password authentication (Basic, Digest, NTLM, Negotiate, kerberos...), file transfer resume, proxy tunnelling and a busload of other useful functions.

cURL is free and open software that compiles and runs under a wide variety of operating systems.

➔ Following dll files will also be required for accessing the data using Asite API

- *libssl32.dll*
- *libeay32.dll*

### 7.2 File downloads

Advanced client tools (like Java/c#/VBA based) transparently handle SSL handshaking process so it does not require you to explicitly pass Asite API certificate while invoking API.

However, Asite API certificate (AsiteAPI.cer) will be required if you are using command line tools cURL for invoking API.

Download the certificate by clicking on the link

[https://gateway.asite.com/exchange/dpd?actionId=11&id=2167441\\$\\$2KXcN4&p\\_id=300\\$\\$jxXTGW&type=1&doc\\_ref=AsiteAPI](https://gateway.asite.com/exchange/dpd?actionId=11&id=2167441$$2KXcN4&p_id=300$$jxXTGW&type=1&doc_ref=AsiteAPI)

Click on the Install Certificate... button to install the certificate

Required files can be downloaded and stored to local folder from the following location:

➔ cURL.exe file: To download the cURL exe click [here](http://curl.haxx.se/download.html) (<http://curl.haxx.se/download.html>)

Library files






Download the files listed below if they do not exist within your c:\windows\system32\ (or equivalent) folder:

➔ libssl32.dll: To download the libssl32.dll click [here](http://www.dll4free.com/libssl32.dll.html) (<http://www.dll4free.com/libssl32.dll.html>) or click <http://curl.haxx.se/download.html> to download the related version library files

➔ libeay32.dll: To download the libeay32.dll click [here](http://www.dll4free.com/libeay32.dll.html) (<http://www.dll4free.com/libeay32.dll.html>) or click <http://curl.haxx.se/download.html> to download the related version library files



This document describes the framework for Asite product development process and the change management process for Asite products, with the following stated purposes:

-  To provide for planning of project goals, resources, activities for Product Development & Enhancement.
-  To ensure that responsibility and accountability are clearly defined within the product development process
-  To ensure client requirements are properly understood, analysed and documented to provide appropriate products & services to the customer.
-  To analyse and decide the technical design features required for the right solution.
-  To carry out execution activities as per the plan, technical design and to satisfy customer requirements.