



CHAPTER 5

Folder Management Functions

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add_paks_to_folder

Synopsis

```
add_paks_to_folder ($token, [@pak_ids], $folder)
```

Description

This function adds product authorization keys (PAKs) to the specified folder. You can add PAKs to more than one folder. If you want to keep a PAK in a single folder, you should remove the PAK from any other folder by calling the `remove_paks_from_folder` function.

Input Parameters

Parameter	Type	Value	Description
token	UserToken, mandatory	—	A token that represents your authorization pass, which is obtained after you invoke the login function and are authenticated by the back-end server.

Parameter	Type	Value	Description
pak_ids	Array of string, mandatory	ID is a string containing up to 64 ASCII characters in the range from x21 to x7A	An array of PAK IDs to be added to the folder.
folder	String, mandatory	Name is a string containing up to 64 ASCII characters in the range from x21 to x7A	The name of the folder.

Return

This function returns a Cisco::CLM::Common::IDStatus object. The error code will be SUCCESS if the operation is successful. IDStatus contains an array of IDStatusItem. Each IDStatusItem contains the PAK ID, error code, and error message.

Error and Exception

If a system error prevents the operation from completing, a RemoteException is thrown.

The IDStatus contains overall operation status. If an error occurs, IDStatus error code returns none SUCCESS, as well as an error message. For each individual ID, IDStatus contains IDStatusItem. Each IDStatusItem contains an ID, error code, and error message that shows the individual status.

create_folder

Synopsis

```
create_folder($token, $folder)
```

Description

This function creates a new folder with the given name.

Input Parameters

Parameter	Type	Value	Description
token	UserToken, mandatory	—	A token that represents your authorization pass, which is obtained after you invoke the login function and are authenticated by the back-end server.
folder	String, mandatory	Name is a string containing up to 64 ASCII characters in the range from x21 to x7A	The name of the folder.

Return

This function returns a Cisco::CLM::Common::Status object. If the operation is successful, the error code will be SUCCESS.

Error and Exception

If a system error prevents the operation from completing, a RemoteException is thrown.

When an error occurs, the Status object contains none SUCCESS error code and error message.

delete_folder

Synopsis

```
delete_folder ($token, $folder)
```

Description

This function deletes a folder from the system. PAKs under this folder are not deleted, but they cease to belong to any folder.

Input Parameters

Parameter	Type	Value	Description
token	UserToken, mandatory	—	A token that represents your authorization pass, which is obtained after you invoke the login function and are authenticated by the back-end server.
folder	String, mandatory	ID is a string containing up to 64 ASCII characters in the range from x21 to x7A	The name of the folder.

Return

This function returns a Cisco::CLM::Common::Status object. If the operation is successful, the error code will be SUCCESS.

Error and Exception

If a system error prevents the operation from completing, a RemoteException is thrown.

When an error occurs, Status object contains none SUCCESS error code and error message.

list_all_folders

Synopsis

```
list_all_folders($token)
```

Description

This function returns a list of all folders in the system.

Input Parameters

Parameter	Type	Value	Description
token	UserToken, mandatory	—	A token that represents your authorization pass, which is obtained after you invoke the login function and are authenticated by the back-end server.

Return

This function returns an array of string representing the names of the folders.

Error and Exception

If a system error prevents the operation from completing, a RemoteException is thrown.

When an error occurs, this function returns null.

remove_paks_from_folder

Synopsis

```
remove_paks_from_folder ($token, [@pak_ids], $folder)
```

Description

This function removes PAKs from the specified folder. The PAKs become ungrouped but remain in the inventory. To delete the PAKs from inventory, use the delete_paks function.

Input Parameters

Parameter	Type	Value	Description
token	UserToken, mandatory	—	A token that represents your authorization pass, which is obtained after you invoke the login function and are authenticated by the back-end server.
pak_ids	Array of String, mandatory	ID is a string containing up to 64 ASCII characters in the range from x21 to x7A	An array of PAK IDs to be removed from the folder.
folder	String, mandatory	Name is a string containing up to 64 ASCII characters in the range from x21 to x7A	The name of the folder.

Return

This function returns a `Cisco::CLM::Common::IDStatus` object. The error code will be `SUCCESS` if the operation is successful. `IDStatus` contains an array of `IDStatusItem`. Each `IDStatusItem` contains a PAK ID, error code, and error message.

Error and Exception

If a system error prevents the operation from completing, a `RemoteException` is thrown.

The `IDStatus` contains information about the overall operation status. If an error occurs, the `IDStatus` error code returns none `SUCCESS` and also an error message.

rename_folder

Synopsis

```
rename_folder ($token, $folder, $new_name)
```

Description

This function renames a given device group folder. All devices contained in the group will remain unchanged.

Input Parameters

Parameter	Type	Value	Description
token	UserToken, mandatory	—	A token that represents your authorization pass, which is obtained after you invoke the login function and are authenticated by the back-end server.
folder	String, mandatory	Name is a string containing up to 64 ASCII characters in the range from x21 to x7A	The name of the folder.
new_name	String, mandatory	Name is a string containing up to 64 ASCII characters in the range from x21 to x7A	The new name for the device group folder.

Return

This function returns a `Cisco::CLM::Common::Status` object. The error code will be `SUCCESS` if the operation is successful.

Error and Exception

If a system error prevents the operation from completing, a `RemoteException` is thrown.

When an error occurs, `Status` object contains none `SUCCESS` error code and error message.

