



# SharePoint Content Management & Dashboard Reporting (CMDR) Tool

Web Permissions

Version 1.0

### Purpose:

The Web Permissions module is meticulously designed to provide users with extensive capabilities for managing SharePoint Groups and Users within a targeted Web. This module stands out for its user-friendly features, offering a powerful search functionality that enables users to effortlessly locate Groups and Users with direct access. The Web Permissions module goes beyond basic management by incorporating advanced functionalities, including cloning and mass removal capabilities. These features contribute to the seamless and efficient administration of permissions within the Web, empowering users to maintain a secure and well-organized SharePoint environment.

Web Permissions						
Groups [3]						
Groups and Users	Users in Group	Full Control	Contribute	Read Only	Limited Access	Custom
Test Environment Owners WIN-0HPNL3U8PKM\administrator	1	✓				
Test Environment Visitors WIN-0HPNL3U8PKM\administrator WIN-0HPNL3U8PKM\testuser1	2			✓		
Test Environment Members WIN-0HPNL3U8PKM\testuser1						• Edit
Users [2]						
User	Full Control	Contribute	Read Only	Limited Access	Custom	
WIN-0HPNL3U8PKM\administrator			✓			
WIN-0HPNL3U8PKM\testuser1			✓			

### Functions:

#### Header

- **Break/Inherit Permissions Icon:** this icon toggles whether the web is inheriting permissions from its parent Web.
- **Check Permissions Icon:** this icon opens the Check Permissions modal.
- **Open Web Permissions Icon:** this icon opens the Web Permission page in SharePoint.
- **View Permissions Definitions Icon:** this icon opens the Permissions Definitions page in SharePoint.
- **Grant Permissions Icon:** this icon opens the Grant Permissions modal.
- **Create Group Icon:** this icon opens the Create Group page in SharePoint.
- **Web Group Collection Icon:** this icon opens the Additional Details: groups modal with a list of all the different functions and objects (and any retrievable values).
- **Web Roles Collection Icon:** this icon opens the Additional Details: roles modal with a list of all the different functions and objects (and any retrievable values).
- **Hide Icon:** this icon will hide the current module.
- **Print Icon:** this icon generates a print preview of the module.
- **Refresh Web Permission Icon:** this icon is located in the upper-right corner of the module and allows the user to forcibly refresh the module.

### Groups

#### Title

- The title acts as a show/hide accordion toggle.

- The title maintains a count of the number of groups that have roles within the Web.

### Menu

- No functionality associated at this time.

### Content

The content of the Groups section contains a spreadsheet of every roled Group within the Web, and the listing of all the users associated with each group. A roled group is associated with the current web.

Each row contains the following columns:

- **Action Column:** this column contains a series of icons that allow the user to perform actions against the listed row item.
  - Group Action Items
    - **Advanced Settings Icon:** this icon opens the Advanced Settings: Group modal.
    - **Add User Icon:** this icon opens the Add User modal.
    - **Edit Group Icon:** this icon opens the Change Group Settings page in SharePoint.
    - **Delete Group Icon:** this icon prompts the user to delete SharePoint Group.
  - User Action Items
    - **Advanced Settings Icon:** this icon opens the Advanced Settings: User modal.
    - **Clone User Icon:** this icon opens the Clone User modal.
    - **Delete User Icon:** this icon prompts the user to delete the user from the SharePoint Group.
- **Groups and Users:** this column lists the name of the group or user.
- **Users in Group:** this column maintains a count of the number of users within the SharePoint group.
- **Full Control:** this column indicates if the group (and associated users) have full control within the Web.
- **Contribute:** this column indicates if the group (and associated users) have contribute rights within the Web.
- **Read Only:** this column indicates if the group (and the associated users) have read-only rights within the Web.
- **Limited Access:** this column indicates if the group (and the associated users) have limited-access rights within the Web.
- **Custom:** this column indicates if the group (and the associated users) have any other Permission Definitions associations.

### Users

#### Title

- The title acts as a show/hide accordion toggle.
- The title maintains a count of the number of users that have roles within the Web.

### Menu

- No functionality associated at this time.

### Content

The content of the Users section contains a spreadsheet of every roled user within the Web. A roled user is an account that has direct access within the current web.

Each row contains the following columns:

- **Action Column:** this column contains a series of icons that allow the user to perform actions against the listed row item.
  - **Advanced Settings Icon:** this icon opens the Advanced Settings: User modal.
  - **Clone User Icon:** this icon opens the Clone User modal.
  - **Delete User Icon:** this icon prompts the user to delete the roled user.
- **User:** this column lists the name of the user.
- **Full Control:** this column indicates if the group (and associated users) have full control within the Web.
- **Contribute:** this column indicates if the group (and associated users) have contribute rights within the Web.
- **Read Only:** this column indicates if the group (and the associated users) have read-only rights within the Web.
- **Limited Access:** this column indicates if the group (and the associated users) have limited-access rights within the Web.
- **Custom:** this column indicates if the group (and the associated users) have any other Permission Definitions associations.

## Modals

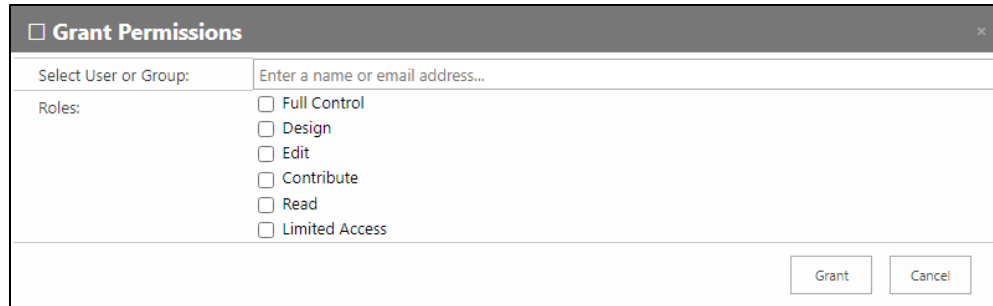
### Check Permissions Modal

The Check Permissions modal allows the user to find any account within the Web and will report what groups, roles, and permissions are associated with that account.

Group	Full Control	Contribute	Read-Only	Limited Access	Custom
Given Directly:			✓		

### Grant Permissions Modal

The Grant Permissions Modal allows the user to give groups or users permissions within the Web.



The image shows a 'Grant Permissions' dialog box. It has a title bar with a close button. Below the title bar is a text input field labeled 'Select User or Group:' with the placeholder text 'Enter a name or email address...'. Below this is a section labeled 'Roles:' with a list of roles, each preceded by an unchecked checkbox: 'Full Control', 'Design', 'Edit', 'Contribute', 'Read', and 'Limited Access'. At the bottom right of the dialog are two buttons: 'Grant' and 'Cancel'.

### *Additional Details: groups Modal*

The Additional Details: groups modal allows the user to view a list of all the different functions and objects (and any retrievable values) associated with a specified Site object. This feature, like every Additional Details modal, is designed to provide administrators and developers more insight into their SharePoint environment.

Items with a red diamond indicator represent a function or object that exists, but no data was able to be retrieved; if the user wants to explore the function or object, they will have to pursue that on their own.

A yellow triangle indicator represents a function or object that exists, and some information about the function or object was able to be retrieved; the user will need to explore that on their own.

A green circle indicator indicates the function or object was able to be executed and provided results.

□ Additional Details: groups		
	Name	Type Value
●	getEnumerator	function [object Object]
▲	\$0_0	object [object Object]
▲	\$5_0	object [object Object]
◆	\$1E_1	object
▲	\$2_1	[object Object],[object Object],[object Object],[object Object],[object Object],
●	\$12_1	boolean true
◆	itemAt	function
◆	get_item	function
●	get_childItemType	function function(b,a){ULSdih;SPGroup.initializeBase(this,[b,a])}
●	getByName	function [object Object]
●	getById	function [object Object]
●	add	function [object Object]
◆	removeByLoginName	function
◆	removeById	function
●	remove	function(a){ULSdih;var b=this.get_context(),c=new SPClientActionInvokeMethod(this,
●	constructor	function(b,a){ULSdih;SPGroupCollection.initializeBase(this,[b,a])}
●	get_areItemsAvailable	function true
●	retrieveItems	function [object Object]
◆	\$1U_0	function
●	\$3M_1	function [object Object]
◆	getItemAtIndex	function
●	get_count	function 5
◆	\$3E_1	function
◆	\$2n_1	function
●	get_data	[object Object],[object Object],[object Object],[object Object],[object Object],
●	fromJson	function(c){ULSnd3;SPClientObject.prototype.fromJson.call(this,c);var b=c._Child_It
●	addChild	function(a){ULSnd3;Array.add(this.get_data(),a);if(!a.\$R_0)a.\$R_0=this.\$12_1=true
●	removeChild	function(c){ULSnd3;if(!this.\$2_1)return;var b=null;if(SPObjectPathIdentity.isInstanceC

#### Additional Details: roles Modal

The Additional Details: roles modal allows the user to view a list of all the different functions and objects (and any retrievable values) associated with a specified Site object. This feature, like every Additional Details modal, is designed to provide administrators and developers more insight into their SharePoint environment.

Items with a red diamond indicator represent a function or object that exists, but no data was able to be retrieved; if the user wants to explore the function or object, they will have to pursue that on their own.

A yellow triangle indicator represents a function or object that exists, and some information about the function or object was able to be retrieved; the user will need to explore that on their own.

A green circle indicator indicates the function or object was able to be executed and provided results.

Additional Details: roles			
	Name	Type	Value
●	getEnumerator	function	[object Object]
▲	\$0_0	object	[object Object]
▲	\$5_0	object	[object Object]
◆	\$1E_1	object	
▲	\$2_1	object	[object Object],[object Object],[object Object],[object Object],[object Object],
●	\$12_1	boolean	true
◆	itemAt	function	
◆	get_item	function	
●	get_childItemType	function	function(b,a){ULSdih;SPRoleAssignment.initializeBase(this,[b,a])}
●	get_groups	function	[object Object]
●	initPropertiesFromJson	function	function(b){ULSdih;SPClientObject.prototype.initPropertiesFromJson.call(this,b);var a;(this.updateClientObjectPropertyType("Groups",this.get_groups(),a);this.get_groups()
●	getByPrincipal	function	[object Object]
●	getByPrincipalId	function	[object Object]
●	add	function	[object Object]
●	constructor	function	function(b,a){ULSdih;SPRoleAssignmentCollection.initializeBase(this,[b,a])}
●	get_areItemsAvailable	function	true
●	retrieveItems	function	[object Object]
◆	\$1U_0	function	
●	\$3M_1	function	[object Object]
◆	getItemAtIndex	function	
●	get_count	function	5
◆	\$3E_1	function	
◆	\$2n_1	function	
●	get_data	function	[object Object],[object Object],[object Object],[object Object],[object Object],
●	fromJson	function	function(c){ULSnd3;SPClientObject.prototype.fromJson.call(this,c);var b;b=c._Child_It
●	addChild	function	function(a){ULSnd3;Array.add(this.get_data(),a);if(!a.\$R_0)a.\$R_0=this;\$12_1=true
●	removeChild	function	function(c){ULSnd3;if(!this.\$2_1)return;var b=null;if(SPObjPathIdentity.isInstanceC

### Advanced Settings: Group Modal

The Advanced Settings: Group modal allows the user to view all the properties associated with the selected group. The properties are represented in the Group Details, Role Details, Member Details, Binding Collection Details, and User Collection Details sections. The modal contains a menu to allow the user several operations:

- **Manage Access Rights Icon:** This menu option opens the SharePoint Edit Permissions page in SharePoint. This menu option is only available if the web is not inheriting permissions.
- **Open Group Icon:** This menu option opens the SharePoint Group page in SharePoint.
- **Edit Group Icon:** This menu option opens the Edit Group page in SharePoint.
- **Delete Group Icon:** This menu option prompts the user to delete the selected group.
- **Add Users Icon:** This menu option opens the Add User modal.
- **Normal/Safe Mode Icon:** This menu option toggles the results of the Group Details and User Collection Details sections. By default, these sections display results in Safe Mode.

**Advanced Settings: Test Environment Visitors**

Manage Access Rights
 Open Group
 Edit Group
 Delete Group
 Add Users
 Toggle Normal Mode

☐ Group Details  
☐ Role Details  
☐ Member Details  
☐ Binding Collection Details  
☒ User Collection Details

Property	Type	Value
getEnumerator	function	function(){ULSnd3;this.\$n_1();return new SPArrayListEnumerator(this.get_data())}
\$0_0	object	[object Object]
\$5_0	object	[object Object]
\$2_1	object	[object Object]
\$12_1	boolean	true
itemAt	function	function(a){ULSdih;return this.getItemAtIndex(a)}
get_item	function	function(a){ULSdih;return this.getItemAtIndex(a)}
get_childItemType	function	function(){ULSdih;return SPUser}
getByLoginName	function	function(d){ULSdih;var c=this.get_context(),a,b=this.get_objectData().get_methodR();this.get_objectData().get_methodReturnObjects().GetByLoginName=b)a=b[d.toU SPObjectPathMethod(c,this.get_path(),"GetByLoginName",[d]);b[d.toUpperCase]= SPObjectIdentityQuery(a.get_path());c.addQueryIdAndResultObject(e.get_id(),a);c.a
getById	function	function(c){ULSdih;var a=this.get_context(),b=new SPUser(a,new SPObjectPathM
getEmail	function	function(d){ULSdih;var c=this.get_context(),a,b=this.get_objectData().get_methodR();this.get_objectData().get_methodReturnObjects().GetByEmail=b)a=b[d];if(!SPScri SPObjectPathMethod(c,this.get_path(),"GetByEmail",[d]);b[d]=a;var e=new SPObje
removeByLoginName	function	function(a){ULSdih;var b=this.get_context(),c=new SPClientActionInvokeMethod(tf
removeById	function	function(c){ULSdih;var a=this.get_context(),b=new SPClientActionInvokeMethod(tf
remove	function	function(a){ULSdih;var b=this.get_context(),c=new SPClientActionInvokeMethod(tf
add	function	function(c){ULSdih;var b=this.get_context(),a;a=new SPUser(b,new SPObjectPathM SPObjectIdentityQuery(a.get_path());b.addQueryIdAndResultObject(d.get_id(),a);b.s
addUser	function	function(d){ULSdih;var b=this.get_context(),a;a=new SPUser(b,new SPObjectPathM SPObjectIdentityQuery(a.get_path());b.addQueryIdAndResultObject(c.get_id(),a);b.s

### Advanced Settings: User Modal

The Advanced Settings: User modal allows the user to view all the properties associated with the selected user account. The properties are represented in the User Details, Role Details, Member Details, and Binding Collection Details sections. The Role Details, Member Details, and Binding Collection Details sections will only be displayed if the selected user account has a role within the Web. The modal contains a menu to allow the user several operations:

- **Manage Access Rights Icon:** This menu option opens the SharePoint Edit Permissions page in SharePoint. This menu option is only available if the web is not inheriting permissions.
- **Delete User Icon:** This menu option prompts the user to delete the account from the current group.
- **Delete From Web Icon:** This menu option prompts the user to delete the account from all the SharePoint Groups in the Web.
- **Clone User Icon:** This menu option opens the Clone User modal.
- **Normal/Safe Mode Icon:** This menu option toggles the results of the Group Details and User Collection Details sections. By default, these sections display results in Safe Mode.



Manage Access Rights

Delete Role

Delete From Web

Clone User

Toggle Normal Mode

Advanced Settings: WIN-0HPNL3U8PKM estuser1

User Details

Role Details

Member Details

Binding Collection Details

Property	Type	Value
getEnumerator	function	function(){ULSnd3;this.\$2n_1();return new SPArrayListEnumerator(this.get_data())}
\$0_0	object	[object Object]
\$5_0	object	[object Object]
\$1E_1	object	
\$2_1	object	[object Object]
\$12_1	boolean	true
itemAt	function	function(a){ULSdih;return this.getItemAtIndex(a)}
get_item	function	function(a){ULSdih;return this.getItemAtIndex(a)}
get_childItemType	function	function(){ULSdih;return SPRoleDefinition}
\$4Z_2	function	function(){ULSdih;var a=this.get_data();while(a.length>0)Array.removeAt(a,a.length-1)}
add	function	function(a){ULSdih;var b=this.get_context(),c=new SPClientActionInvokeMethod(this.get_data(),a,b)}
remove	function	function(a){ULSdih;var b=this.get_context(),c=new SPClientActionInvokeMethod(this.get_data(),a,b)}
removeAll	function	function(){ULSdih;var a=this.get_context(),b=new SPClientActionInvokeMethod(this.get_data(),a,b)}
constructor	function	function(a){ULSdih;SPRoleDefinitionBindingCollection.initializeBase(this,[a,SPClientActionInvokeMethod])}
get_arelItemsAvailable	function	function(){ULSnd3;return this.\$12_1}
retrieveItems	function	function(){ULSnd3;if(!this.\$1E_1)this.\$1E_1=new SPClientObjectPrototype(this.get_data(),this.\$12_1)}
\$1U_0	function	function(){ULSnd3;SPClientObject.prototype.\$1U_0.call(this,this.\$1E_1=null)}
\$3M_1	function	function(){ULSnd3;this.\$2n_1();return new SPArrayListEnumerator(this.get_data())}
getItemAtIndex	function	function(b){ULSnd3;return this.get_data()[b]}
get_count	function	function(){ULSnd3;this.\$2n_1();return this.get_data().length}
\$3E_1	function	function(){ULSnd3;this.\$12_1=true}

Add User Modal

The Add User modal allows the user to add an account to a SharePoint Group.

Add User

Select User:

Enter a name or email address...

Add User

Cancel

Clone User Modal

The Clone User modal allows the user to give all the same permissions of the selected account to another account.

Clone WIN-0HPNL3U8PKM estuser1

Select User:

Enter a name or email address...

Clone

Cancel