

# HDX-ADM-100 DX Security for Beginners



Edition: September 2023

Herbert Hilhorst - <u>herbert.hilhorst@hcl.com</u> Jason Wicker - <u>jason.wicker@hcl.com</u>

## **Table of Contents**

Author(s)	3
Introduction	4
Prerequisites	5
Lab Overview	6
Part 1: Prevent users from registering themselves	8
Part 2: Prevent users from accessing Woodburn Studio	14
Part 3: Promote User with Admin Rights	18
Part 4: Manage Access of a Web Content Library	23
Conclusion	29
Resources	30
Legal statements	31
Disclaimers	32

## Author(s)

This document was created by the following Subject Matter Experts:



Herbert Hilhorst is an HCL Digital Experience (DX) Technical Advisor at HCL.

Herbert Hilhorst Company: HCL

Contact: <u>herbert.hilhorst@hcl.com</u>



Jason Wicker Company: HCL

#### Bio

Bio

Jason Wicker is an HCL Digital Experience (DX) Advisory Software Engineer at HCL.

Contact: jason.wicker@hcl.com

## Introduction

This hands-on lab introduces you to security administration parts of HCL Digital Experience (DX).

In this DX administrator lab, you play the role of Harry, an administrator for the fictitious Woodburn Studio company.



#### Harry Pappus, Administrator, based in Chicago (USA)

As a DX Administrator, you will experience how manage certain DX security tasks using the Practitioner Studio.

You will first prevent users from registering themselves. Then prevent anonymous users to access the Woodburn Studio site. You will also promote a user with admin rights and finally manage access to the Web Content Library you have created in the previous lab.

## Prerequisites

1. Completion of <u>HDX-INTRO</u> and <u>HDX-BUS-100</u> courses, including the labs

You will be using the following user IDs and passwords:

Purpose	User	Password
SoFy Login	Your official email id	Your password
SoFy Solution Console Login	sol-admin	pass
DX Login	hpappus (or wpsadmin)	HCL-Dem0 (or wpsadmin)

### Lab Overview

In this lab there are several parts to get you started with some basic security aspects in DX. These are shortly introduced now.

#### Part 1: Prevent users from registering themselves

You will first remove the option to allow a user to create an account on the log in page.



#### Part 2: Prevent users from accessing Woodburn Studio

You will learn how to change the site access rights and remove access of anonymous users from the Woodburn Studio site.



#### Part 3: Promote User with Admin Rights

You manage the user rights and promote a user, Gene Hayes, with administration rights.

Manage Users and Groups	:
EJPAL0140I: User or user group has been successfully added to the selected g	roup.
Search: User groups V	
Search by: All available V Search	
Users and Groups  Addministrators	
Members of cn=dxAdministrators,ou=groups,ou=dxdemo,dc=dx,dc=com - add, edit and c user groups and users	lelete
* New Group * New User * Add Member	
Page 1	of 1
ID	
hpappus 🔛 🔛	/ _
ghayes 🔚 🖬 🖉	/ -
Page 1	of 1

#### Part 4: Manage Access of a new Web Content Library

You will manage the access control of a Web Content Library.

Web Cont	ent Libraries				۲
Search by: Name cont	ains 🗸 Search:		Q,		
Create new Library	View locked items	System reports	Set Access on Root	Refresh	
					First   Previous   Next   Last
Library Name	Des	scription:			Status
Blog Solo Template v70					1 8 🗟 🕀
Blog Template v70					1 8 🖥 🕀
ML Configuration	The	Multilingual Solution	configuration library contains	the templates and work	1 8 8 1 🕀
My first library					1 8 8 🖥 🕀
B · · · 9%					

## Part 1: Prevent users from registering themselves

You will first remove the option to allow a user to create an account on the log in page. You will first check that you can do this by default.

1. Connect to the DX server and login. Click Log in.



2. Then click on **Create an account**.

	Login	
User ID		
Password	I	Ø
	LOG IN Not yet registered? Create an account	

3. This opens the dialog that allows you to create a new account. Click Cancel.

Digital Experience	Sign Up	Log In
* User ID:		
* Password:		
* Confirm Password:		
First Name:		
* Last Name:		
Email:		
Profile Image:		
Choose file No file chosen		
Telephone Number:		
Job Title:		
Preferred language:		
- Nothing Selected -		
* Required Field		
OK Cancel		

4. This brings you to the first page that is visible to anonymous users. Now you will remove this option. Log in as Harry Pappus, the DX administrator. Click **Log In**.



Then log in using the credentials of Harry (User ID: hpappus, Password: HCL-Dem0 – if you do not have these, you may use the default administrator account with User ID: wpsadmin, Password: wpsadmin).

Login	
User ID hpappus	
Not yet registered? Create an account	

#### HDX-ADM-100 DX SECURITY FOR BEGINNERS

6. Then go the Practitioner Studio. Open the applications menu and click Administration.



7. Open the sidebar and go to **Security**.

Published Site 👻		⊳	奋	Ż <sub>A</sub> English ▼	HCL	· (i
Administration						
Here is everything that you need to maintain and opera group of administrators to manage pages, themes, and portlets to other pages on the site.						-
Site Management Create and manage the page hierarchy and the look and feel of the site.	Ge Applications Manage the portlets that make up the site.	⌀	Theme Manage	Skins nes and skins		
Control who has access to the site.	Q Search Manage Search Services, Collections, and Scopes.	2	Tracing Gather o	ut the site.		
Settings     Manage site settings.	About     Get information on version					

8. Then go to Resource Permissions.



 Here you have access to all resources. To prevent users from registering to the site, you need to remove Anonymous Portal User from the Editor role of the Virtual Resource: USER SELF ENROLLMENT, which is documented in <u>https://help.hcltechsw.com/digitalexperience/8.5/security/sec\_resources.html</u>. Open the Virtual Resources. Go to the next page and click Virtual Resources.

Resource Pe	missions	÷
Select Resource Typ	e	
	A Page 2 of 2	Jump to page: 2
Resource Types		
Vault Slot		
Virtual Resources		
WSRP Producers		
Web Modules		
	Age 2 of 2	Jump to page: 2

10. Go to the page where you will find the USER SELF ENROLLMENT and click Assign Access.

#### **Resource Permissions**

Select Resource Type 
Virtual Resources

		Page 3 of 4 🕨 🔰 Jump to page: 3
Resources	Assign Access	Unique name or Identifier
THEME MANAGEMENT	P	wps.THEME_MANAGEMENT
URL MAPPING CONTEXTS	P	wps.URL_MAPPING_CONTEXTS
USERS	P	wps.USERS
USER GROUPS	P	wps.USER_GROUPS
USER SELF ENROLLMENT		wps.USER_SELF_ENROLLMENT
VANITY_URL		wps.VANITY_URL
VP URL MAPPINGS	P	wps.VP_URL_MAPPINGS
WCM REST SERVICE	P	wps.WCM_REST_SERVICE
WEB MODULES	P	wps.WEB_MODULES
WSRP	P	wps.WSRP
		Page 3 of 4 🕨 🖬 Jump to page: 3

#### 11. Then edit the Editor role. Click **Edit Role**. Resource Permissions

÷

÷

Select Resource Type 
Virtual Resources 
USER SELF ENROLLMENT

		Page 1 of 2	Jump to page: 1
Roles	Allow Propagation	Allow Inheritance	Edit Role
Administrator	√	$\checkmark$	
Security Administrator	√	✓	
Delegator	<	<ul><li>✓</li></ul>	
Can Run As User	<		
MARKUP_EDITOR	<	<ul> <li>✓</li> </ul>	
Manager	<	<ul> <li>✓</li> </ul>	
Editor	<	<ul> <li>✓</li> </ul>	
Contributor	<	<ul><li>✓</li></ul>	Edit Role
Privileged User	<	<ul><li>✓</li></ul>	
User	<	<ul><li>✓</li></ul>	
		Page 1 of 2	Jump to page: 1

12. You see that Anonymous Portal User has these rights. Now remove it. Delete this role. Click OK to confirm.



13. Then apply it. Click on USER SELF ENROLLMENT.

Resource Permissions		÷
EJPAO4006I: Member has I	been removed from the role.	
+ Add Select Resource Type > Virtual Res	sources USER SELF ENROLLMENT > Editor	
Members in the Role	Delete Member from Role	Inherited
There are no entries to display.		

14. And click **Apply** and **OK** to confirm. Then log out and test it. Go first to the Woodburn Studio site. Open the site menu and select **Woodburn Studio**.

Publishe	ed Site 👻					Ø	<u>ଜ</u> ି:	Ż <sub>A</sub> English ▼	H
$\leftarrow$ E	Back Q	: ×			Demo Home				
Admi	nistration		Resource Permissio	ns	Woodburn Healthcare	•			÷
/ (01111			Select Resource Type  Virtua	Resources )	Woodburn Studio				
	Site Management	$\sim$			Practitioner Studio		Page 1 of 2	Jump to page:	1 🖻
	Site Management	~	Roles	All			nheritance	Edit Role	
	Applications	$\sim$	Administrator	~		~		1	
			Security Administrator	~		~		Ø	
$\diamond$	Themes and Skins	>	Delegator		1	<b></b>		Ø	
A	Security	~	Can Run As User		1	<b></b>		Ø	
	Security		MARKUP_EDITOR	2	1	<b>~</b>		Ø	
	Users and Groups		Manager		1	<b>~</b>		P	
			Editor	C	1	<b>~</b>		Ø	
	Resource Permissions		Contributor	C	1	<b>~</b>		Ø	
	User and Group		Privileged User	C	1	<b>~</b>		Ø	
	Permissions		User	C	1	<b>~</b>		Ø	
							Page 1 of 2	Jump to page:	1 🖻
	Credential Vault								
Q	Search	$\sim$	Display/Modify Owner						
~7	Tracing	>	Apply						

15. Click Log Out.

0											
Woodburn 🎐 🖪 in 🕒	• Home	MyWoodburn	Exhibitions	Products	Projects	Blog	Contact	About Us	Log Out	Search Site	Q

#### 16. And Log In again.

	-											
Woodburn y	f	in 🖸	•		Home	Exhibitions	Products	Projects	Blog	Contact	About Us	Log in

17. And click **Create an account**.

User ID	
Password	Ø
LOG IN Not vet renistered? Create an account	

18. And you see, you can no longer create an account.

Digital Experience
Users can not be enrolled in this portal, or you do not have permission to perform user enrollment.           Done

You have successfully removed the option to allow a user to create an account on the log in page. You learned how to update some of the resource permissions.

## Part 2: Prevent users from accessing Woodburn Studio

You will learn how to change the site access rights and remove access of anonymous users from the Woodburn Studio site.

1. Log in again. Click Log in.

Digital Experience	Log In	
Users can not be enrolled in this portal, or you do not have permission to perform user enrollment.		

Then log in using the credentials of Harry (User ID: hpappus, Password: HCL-Dem0 – if you do not have these, you may use the default administrator account with User ID: wpsadmin, Password: wpsadmin).

	Login	
User ID hpappus		
	LOG IN	
	Not yet registered? Create an account	

3. Open the applications menu and click Administration.



4. Now go to Site Management. Click **Site Management**.

Publish	ed Site 🔻						₹ <sub>A</sub> Englis		- i
	Back Q	÷×	Administration Here is everything that you need to maintain and ope						
, ,	Site Management	~	one group of administrators to manage pages, theme administration portlets to other pages on the site.	es, and skins; and assign another group of administra	itors to ma	inage acce	ess control. Yo	ı can also add	
	Applications	$\sim$	Site Management	Applications	🖄 The	mes And S	Skins		
$\diamond$	Themes and Skins	>	Create and manage the page hierarchy and the look and feel of the site.	Manage the portlets that make up the site.	Mar	age all theme	s and skins		
≙	Security	~							
Q	Search	$\sim$							
1.4	T		A Security	Q Search	<u>~</u> * Trac	sing			

#### 5. You see the top level Content Root. Click Content Root to open it.

Published Site 👻	匠 ඛ : 🔭 English 👻 🎜	ICL (
$\leftarrow Back \qquad \bigcirc \vdots \times Administration$	Manage Pages	:
Administration	Q Use the controls below to work with your pages. Browse or search for pages to work with. Click New to create new pages, labels and urls. Activate and deactivate	te namer re-
Site Management	Code the Control and the other hard hold pages. In the pages of a search to pages to work with the code of the pages, and and this recreate and description order, edit properties and layout, more, export, assign permissions and delete pages. For more information, click Help. Search by [Title starts with  ♥] Search: Search Search Select Page	te pages, re-
Pages		
Virtual Portal	My pages Add, Edit, Delete, and Reorder pages	e 1 of 1
Page Templates	Title Unique name or Identifier Status	01011
l ago iompiatoo	Content Root wps.content.root Active	D.
Sitemap	Pag	le 1 of 1
Applications V		

6. Here you see all the sites. Click the **Set Page Permissions** of the Woodburn Studio site.

Publish	ed Site 👻				<u>ن</u> ه	☆ <sub>A</sub> English ▼	HCL (i
← I	Back Q	: ×					
Admi	inistration		Manage Pages				÷
>	Site Management	^		ges. Browse or search for pages to work with. Click New to create assign permissions and delete pages. For more information, click h: Search		ind urls. Activate and	deactivate pages, re-
	Pages		Pages in Content Root Add, Edit, Delete, and	10			
	Virtual Portal		* New Page         * New Label         * New I				
	Page Templates				Pag	ie 1 of 2 🕨 🖹 Jum	p to page: 1 🖉
			Title	Unique name or Identifier	Status		
	Sitemap		Demo Home	demo	Active	V 🖻 🗘	/ L, V / Ô
	Applications	$\sim$	Woodburn Healthcare	woodburnhealthcare	Active	a v B Ø	
00			Woodburn Studio	hcl.portal.woodburn	Active	A 💌 🖻	L 🖸 🎦 🗎
$\diamond$	Themes and Skins	>	Home	ibm.portal.Home	Active	A V D	
А	Security	$\sim$	Practitioner Studio	hcl.portal.practitionerstudio	Active	A V 🗎	L V P 1
	oodanty	Ť		ibm.portal.Administration	Inactive		D. Pô

7. Now remove the Anonymous Portal User from the user role. Click **Edit Role** of User. Resource Permissions

			Page 1 of 1
Roles	Allow Propagation	Allow Inheritance	Edit Role
Administrator	✓	✓	Ø
Security Administrator	√	√	N
MARKUP_EDITOR			
Manager		<ul><li>✓</li></ul>	
Editor	✓	2	1
Contributor			P
Privileged User	✓	2	
User	✓	2	
Draft Creator	✓	<ul><li>✓</li></ul>	
Reviewer	2	2	P
			Page 1 of 1

8. Here you see that Anonymous Portal User has access. Click **Delete** to remove it and **OK** to confirm.

Resource Permissions		:
± Add		
Woodburn Studio » User		
		Page 1 of 1
Members in the Role	Delete Member from Role	Inherited
Anonymous Portal User		
All Authenticated Portal Users	Delete Member from Role	
		Page 1 of 1

Woodburn Studio

9. Then apply it. Click Woodburn Studio.

Resource Permissions		:
<b>I</b> EJPAO4006I: Member has been removed from the role.		
± Add		
Woodburn Studio User		
		Page 1 of 1
Members in the Role	Delete Member from Role	Inherited
All Authenticated Portal Users	1	
		Page 1 of 1

10. And click **Apply** and **OK** to confirm. Then go to the Woodburn Studio and test if you can no longer access it as an anonymous user. Open the site menu and click **Woodburn Studio**.

			奋	:	$\dot{\mathbf{x}}_{A}$ English	нсі	- (
		Demo Home					
Resource Permissions		Woodburn Healthcare					÷
Woodburn Studio		Woodburn Studio					
Roles	Allow Propagation	Practitioner Studio	ance		E	Page 1 of 1	
Administrator	~	✓				P	_
Security Administrator	∢	√			[	1	
MARKUP_EDITOR	<ul><li>✓</li></ul>	2				P	
Manager	2	2				P	
Editor		2			[	P	
Contributor		2				P	
Privileged User		2				1	
User		2				P	
Draft Creator		2				/	
Reviewer		<ul> <li>✓</li> </ul>			[	P	
						Page 1 of 1	1



11. Click Log Out.



12. And after a short time, you should no longer be able to access Woodburn Studio and be directed to the first available site that is accessible to anonymous users.



You have successfully removed anonymous access from the Woodburn Studio site.

## Part 3: Promote User with Admin Rights

In this part, you will use the security section to manage the user rights and promote a user, Gene Hayes, with administration rights. This is managed under the Security section.

1. Log in as Harry Pappus again.



Then log in using the credentials of Harry (User ID: hpappus, Password: HCL-Dem0 – if you do not have these, you may use the default administrator account with User ID: wpsadmin, Password: wpsadmin).

Login	
User ID hpappus	
LOG IN Not yet registered? Create an account	

3. Open the applications menu and click Administration.



#### HDX-ADM-100 DX SECURITY FOR BEGINNERS

4. Go to the Security section. Click any of the **Security** options.

Published Site	▼					D	습	:	₹ <sub>A</sub>	English 🗸
← Back Administr	-、・	×	Administration Here is everything that you need to maintain a	ind of	perate a site. Delegate administratio	n and a	Issig	n speci	ific ad	ministrator
	Management	$\sim$	For example, assign one group of administrate manage access control. You can also add adr				sigr	anothe	ər gro	up of admii
	blications	$\sim$	Site Management		Applications	2	<u>2</u> т	hemes	And §	Skins
🖄 The	emes and Skins	>	Create and manage the page hierarchy and the look and feel of the site.		Manage the portlets that make up the site.		N	lanage all	themes	and skins
A Sec	curity	$\sim$		~						
Q Sea	arch	$\sim$	Security Control who has access to the site.	Q	Search Manage Search Services, Collections, and	Ŀ		racing	a about	the site
<mark>∕.</mark> ∕⁼ Tra	cing	>			Scopes.				aubout	ino oito.
্ট্যি Set	tings	$\sim$	Settings	í	About					
(i) Abo	put	>	Manage site settings.		Get information on version					

5. This gives you access to the users and groups. You want to add Gene Hayes to the dxAdministrators group. First search him as a user. Change the first search option from User Groups to Users.

9.00.0	5 10 050151	
Publish	ed Site 🔻	
$\leftarrow$	Back Q : ×	
Adm	inistration	Manage Users and Groups
, (0111		Search V User groups
>	Site Management V	Search Users and Groups
	Applications ~	* New Group * New User
$\diamond$	Themes and Skins $>$	
A	Security ^	ID M All Portal User Groups
	Users and Groups	All Authenticated Portal Users
	Resource Permissions	

Check the different search options and keep uid. Then enter the uid for Gene Hayes, ghayes, and click Search. This shows you the entry for Gene and gives you access to a few functions. Check his group membership first and click the View membership icon.

Manage Users and Grou	ips	:
Search: Users  Search by: uid Users and Groups	✓ Search: ghayes	Search
* New Group * New User		
		Page 1 of 1
ID		
ghayes		🔛 🔤 🖉 🖉 🛍
		View membership

7. This shows his current membership. He is not yet a member of dxAdministrators. Click **Cancel**.

Mana	age Users and Groups	
Membe	ership for: cn=Gene Hayes,ou=internal,ou=users,ou=dxdemo,de	c=dx,dc=com
Groups	that cn=Gene Hayes,ou=internal,ou=users,ou=dxdemo,dc=dx	,dc=com belongs to
		Page 1 of 1
	Group name	
	n dxEmployees	
	the dxContentAuthors	
	n dxDevelopers	

Remove membership Cancel

8. And then look at the members of this dxAdministrators group. Switch back to User groups.

Manage Users and Gro	ups	÷
Search VUsers		
Search by: uid	Search: ghayes	Search
Users and Groups		
* New Group * New User		
		Page 1 of 1
ID		
ghayes		👪 🖻 🖉 🖉 🛍
		Page 1 of 1

9. See you can select different search options. Keep All available and click **Search** and then click on View membership icon to see its members.

Manage Users and Groups	:
Search: User groups  Search by All available  Search Users and Groups  New Group  New User	
ID	Page 1 of 2 🕞 📄 Jump to page: 1
All Portal User Groups	
All Authenticated Portal Users	
wpsadmins	
dxAdministrators	🔛 🖾 ն
dxCustomers	View membership

10. Notice that you, Harry Pappus, are the only member currently. Now add Gene. Click **Add Member**.

Manage Users and Groups
Search: User groups  Search by: All available  Search Users and Groups  AtAdministrators
Members of cn=dxAdministrators,ou=groups,ou=dxdemo,dc=dx,dc=com - add, edit and delete user groups and users * New Group * New User Add Member
Page 1 of 1
ID
hpappus 🔛 🖾 🖉 🖉 🖃
Page 1 of 1

11. Then search for Gene. Change the Search selection to **Users**, then the Search by to uid, enter **ghayes** and then click **Search**. Then select ghayes and click **OK**.

Manage Users and Groups	:
Search by uid Search ghayes	Search
User groups whose name contains cn=dxAdministrators,ou=groups,ou=dxdemo, check to select members and click OK to add to cn=dxAdministrators,ou=groups,ou=dxdemo,dc=dx,dc=com	Jc=dx,dc=com -
	Page 1 of 1
Name	
ghayes	
	Page 1 of 1
OK Cancel	

12. And you get the message and you can see that Gene is now a member of the dxAdministrators group.

Manage Users and Groups	÷
EJPAL0140I: User or user group has been successfully added to the selected group	).
Search: User groups  Search by: All available  Search Users and Groups  Addministrators	
Members of cn=dxAdministrators,ou=groups,ou=dxdemo,dc=dx,dc=com - add, edit and delete user groups and users           Mew Group         Mew User	Э
Page 1 of 1	
ID	
hpappus 🔝 🖾 🖉	' =
ghayes 🔛 🚰 🖉 🖉	) 🗆
Page 1 of 1	

Congratulations! You have successfully added made Gene Hayes a DX administrator by adding him to the dxAdministration group.

## Part 4: Manage Access of a Web Content Library

In this part, you will manage the access of a Web Content Library. This is managed under the Web Content section.

1. Go to Web Content. Either go back and select Web Content or use the Applications Menu and open Web Content directly.

Publish	ed Site 🔻					۵	:	文 <sub>A</sub> I	English 🗸		нсі	L (	í
$\leftarrow$	Back Q	×		Home									
Adm	inistration		Manage L	Web Content							÷		
				Sites			ssfullv a	idded to	the selected	arou	ID.		
>	Site Management	$\sim$		Digital Assets						0			
	Applications	$\sim$	Search: User gr Search by: All a	Site Templates									
$\diamond$	Themes and Skins			Themes									
<u>∽</u> A	Security	~	Members of cn=d user groups and	Personalization	Personalization		c=dx,dc=com - add, edit and delete						
			* New Group	Administration									
	Users and Groups			Help Center					Page	1 of	1		
	Resource Permissions		ID	Support									
	User and Group		hpappus							_	/ -		
	Permissions		ghayes						11 [][[		/ -		
									Page	1 of	1		

2. Then open the Web Content section.



#### Administration

Here is everything that you need to main assign specific administrators to specific administrators to manage pages, themes administrators to manage access control pages on the site.

5 G

Site Management	🖫 Appl
Create and manage the page hierarchy and the look and feel of the site.	Manag up the
🔒 Security	Q Sear
Control who has access to the site.	Manag Collect
l Settings	(i) Aboi
Manage site settings.	Get info

3. This brings you to the Content Composer. Now go to Web Content Libraries. Click **Web** Content Libraries.



 Here you have access to all the libraries and you are able to set the root access that applies to all libraries. First create a new library. Click Create new library.

Web Conte	ent Libraries	۲
Search by: Name conta	ins v Search:	
Create new Library	View locked items System reports Set Access on Roo	Refresh
		First   Previous   Next   Last
Library Name	Description:	Status
Blog Solo Template v70		1 8 🗟 🕀
Blog Template v70		/ / 7 🗟 🗇

5. Give you Web Content library a name. Notice the online help and other options, such as localizations for multilingual use, prohibit from being deleted and include default items in the new library, and click **OK**.

Create new Library	0
*Web content library name: Localizations My first library Description: Localizations	
Language:	
□ Prohibit library from being deleted	
✓ Enabled ☐ Include default items in the new library	
OK Cancel	

6. Now manage the overall access to the library. Click on the first key icon:

Web Cont	ent Libraries	۲
Successfully created	t new library "My first library"	×
Search by: Name conta	ains v Search:	
Create new Library	View locked items System reports Set Access on Roo	
		First   Previous   Next   Last
Library Name	Description:	Status
Blog Solo Template v70		1 8 🖬 🕀
Blog Template v70		1 8 🗟 🕀
ML Configuration	The Multilingual Solution configuration library conta	ains the templates and work 🖉 🖉 🛱 🕀
My first library		A 🗗 🗃 🕀
D1-10%		

7. Here you see the different role levels you may manage. You can also see that it inherits from the access set on the root (as Allow Inheritance is set) and the settings are propagated to lower levels (as Allow Propagation is set ). You want give all users (anonymous and authenticated) user access to your new library. Click the Edit Role icon for the User.
 Resource Permissions

			Page 1 of 1
Roles	Allow Propagation	Allow Inheritance	Edit Role
Administrator	√	√	Ø
Security Administrator	∢	√	
MARKUP_EDITOR			I
Manager			
Editor		2	
Contributor			<u>/</u>
Privileged User			
User			
Draft Creator			
Reviewer			Ø

Display/Modify Owner

Apply Done

8. As you can see, currently no one has User access. Click Add.

Resource Permissions						
EJPAO4008W: No members	ound in the role.					
± Add						
Resources   User						
Members in the Role	Delete Member from Role	Inherited				
There are no entries to display.						

9. Then select All Authenticated Portal Users and Anonymous Portal User and click OK.

Resou	Resource Permissions							
Search for	Search for Users or User Groups							
Search by	Search by: All available v Search							
Resource	s ▶ User ▶ Add Role Members							
		Page 1 of 1						
	Users and User Groups							
	All Authenticated Portal Users							
	All Portal User Groups							
	Anonymous Portal User							
		Page 1 of 1						



10. Notice that they have been added and can be easily deleted, if needed. Now you need to apply this. Click **Resources**.

:

**Resource Permissions** 

EJPAO4003I: Members successfully added to the role.					
± Add					
Resources Vser					
		Page 1 of 1			
Members in the Role	Delete Member from Role	Inherited			
Members in the Role All Authenticated Portal Users	Delete Member from Role	Inherited			
		Inherited			

#### 11. Here click **Apply**.

#### **Resource Permissions**

Resources

			Page 1 of 1
Roles	Allow Propagation	Allow Inheritance	Edit Role
Administrator	√	∢	Ø
Security Administrator	∢	∢	1
MARKUP_EDITOR			ſ
Manager			
Editor			1
Contributor			1
Privileged User			I
User			1
Draft Creator			
Reviewer			
			Page 1 of 1

:

Display/Modify Owner



12. You then get a popup asking to confirm to modify. Click **OK**.

	dx. play.hclsofy.co	m says		>
×	Are you sure you want to modif on the resource?	y the inheritance and pro	opagation	
		Cancel	ОК	
	Resources			

#### 13. And you are done. Click **Done**.

Resource Permissions				
Resources				
			Page 1 of 1	
Roles	Allow Propagation	Allow Inheritance	Edit Role	
Administrator	✓	√		
Security Administrator	√	√		
MARKUP_EDITOR			N	
Manager			I	
Editor			I	
Contributor			I	
Privileged User			I	
User			I	
Draft Creator			Ø	
Reviewer			Ø	
			Page 1 of 1	



Web Content Libraries

14. And you are back. Notice again, that you can set the access control on all libraries using the Set Access on Root option, and you may set access differently, e.g. for Content and Authoring Templates using the Library resources icon. In other lessons, you may also learn how to manage security on web content during the workflow process.

B heater			
Search by: Name cont	tains  V Search:	] @,	
Create new Library	View locked items System reports	Set Access on Root Refresh	
		F	First   Previous   Next   Last
Library Name	Description:		Status
Blog Solo Template v70			1 8 🖥 🕀
Blog Template v70			1 8 🗟 🕀
ML Configuration	The Multilingual Solution	configuration library contains the templates and work	1 8 🗟 🕀
My first library			I I 🗗 🗟 🕀

You have successfully created a new Web Content library and managed its access.

?

## Conclusion

Using this lab tutorial, you have learned how to manage several security aspects in HCL Digital Experience. You have learned how to prevent users from registering themselves, how to prevent anonymous users from accessing the Woodburn Studio site, how to promote users with admin rights and how to manage the access of Web Content libraries.

### **Resources**

Refer to the following resources to learn more:

- HCL Digital Experience Home <u>https://hclsw.co/dx</u>
- HCL Digital Experience on HCL Solutions Factory (SoFy) <a href="https://hclsofy.com/">https://hclsofy.com/</a>
- HCL Software https://hclsw.co/software
- HCL Product Support <u>https://hclsw.co/product-support</u>
- HCL DX Product Documentation https://hclsw.co/dx-product-documentation
- HCL DX Support Q&A Forum <u>https://hclsw.co/dx-support-forum</u>
- HCL DX Video Playlist on YouTube https://hclsw.co/dx-video-playlist
- HCL DX Product Ideas <u>https://hclsw.co/dx-ideas</u>
- HCL DX Product Demos <u>https://hclsw.co/dx-product-demo</u>
- HCL DX Did You Know? Videos https://hclsw.co/dx-dyk-videos
- HCL DX GitHub <u>https://hclsw.co/dx-github</u>
- HCL DX Web Developer Toolkit https://github.com/HCL-TECH-SOFTWARE/WebDevToolkitForDx

## Legal statements

# This edition applies to version 9.5, release 200 of HCL Digital Experience and to all subsequent releases and modifications until otherwise indicated in new editions.

When you send information to HCL Technologies Ltd., you grant HCL Technologies Ltd. a nonexclusive right to use or distribute the information in any way it believes appropriate without incurring any obligation to you.

#### ©2022 Copyright HCL Technologies Ltd and others. All rights reserved.

Note to U.S. Government Users — Documentation related to restricted rights — Use, duplication or disclosure is subject to restrictions set forth in GSA ADP Schedule Contract with HCL Technologies Ltd.

## Disclaimers

# This report is subject to the HCL Terms of Use (<u>https://www.hcl.com/terms-of-use</u>) and the following disclaimers:

The information contained in this report is provided for informational purposes only. While efforts were made to verify the completeness and accuracy of the information contained in this publication, it is provided AS IS without warranty of any kind, express or implied, including but not limited to the implied warranties of merchantability, non-infringement, and fitness for a particular purpose. In addition, this information is based on HCL's current product plans and strategy, which are subject to change by HCL without notice. HCL shall not be responsible for any direct, indirect, incidental, consequential, special or other damages arising out of the use of, or otherwise related to, this report or any other materials. Nothing contained in this publication is intended to, nor shall have the effect of, creating any warranties or representations from HCL or its suppliers or licensors, or altering the terms and conditions of the applicable license agreement governing the use of HCL software.

References in this report to HCL products, programs, or services do not imply that they will be available in all countries in which HCL operates. Product release dates and/or capabilities referenced in this presentation may change at any time at HCL's sole discretion based on market opportunities or other factors, and are not intended to be a commitment to future product or feature availability in any way. The underlying database used to support these reports is refreshed on a weekly basis. Discrepancies found between reports generated using this web tool and other HCL documentation sources may or may not be attributed to different publish and refresh cycles for this tool and other sources. Nothing contained in this report is intended to, nor shall have the effect of, stating.

or implying that any activities undertaken by you will result in any specific sales, revenue growth, savings or other results. You assume sole responsibility for any results you obtain or decisions you make as a result of this report. Notwithstanding the HCL Terms of Use <u>(https://www.hcl.com/terms-of-use)</u>, users of this site are permitted to copy and save the reports generated from this tool for such users own internal business purpose. No other use shall be permitted.