## **SETTING UP SINGLE SIGN ON**

## CLIENT AZURE AD SETUP PROCESS

- Log in to your Microsoft Azure account and select Azure Active Directory from the menu.
- Select App Registrations
- Click on the **New registration** button to create the app instance

Microsoft Azure	
«	Home > App registrations
Create a resource	App registrations
A Home	Active Defectory      Active Defectory
🗔 Dashboard	
∃ All services	Overview     Overview     P Start typing a name or Application ID to filter these results
+ FAVORITES	g Getting started There are no applications here.
All resources	Manage Register an application
() Resource groups	🚨 Users
App Services	🚰 Groups
Function App	Organizational relationships
🧧 SQL databases	Roles and administrators
Azure Cosmos DB	Enterprise applications
📮 Virtual machines	Devices
Load balancers	III App registrations
Storage accounts	(     Identity Governance
Virtual networks	Application proxy
Azure Active Directory	Licenses
Monitor	

- Add a name and the supported account types to the application, and at this point you should also add a Redirect URI.
  - This should be your website address followed by /ssosp/process

For example, if we set up SSO for www.e4education.co.uk we would enter https://www.e4education.co.uk/ssosp/process

Microsoft Azure	
«	Home > App registrations > Register an application
Create a resource	Register an application
1 Home	
🗔 Dashboard	* Name
∃ All services	The user-facing display name for this application (this can be changed later).
+ FAVORITES	e4education Website Integration
All resources	
😥 Resource groups	Supported account types
📀 App Services	Who can use this application or access this API?
Function App	Accounts in this organizational directory only (NT Test Org only - Single tenant)
🧃 SQL databases	<ul> <li>Accounts in any organizational directory (Any Azure AD directory - Multitenant)</li> </ul>
🧷 Azure Cosmos DB	O Accounts in any organizational directory (Any Azure AD directory - Multitenant) and personal Microsoft accounts (e.g. Skype, Xbox)
🟆 Virtual machines	Help me choose
💠 Load balancers	
Storage accounts	Redirect URI (optional)
Virtual networks	We'll return the authentication response to this URI after successfully authenticating the user. Providing this now is optional and it can be
Azure Active Directory	changed later, but a value is required for most authentication scenarios.
🕑 Monitor	Web <a href="https://www.e4education.co.uk/ssosp/process">https://www.e4education.co.uk/ssosp/process</a>
🧛 Advisor	
Security Center	By proceeding, you agree to the Microsoft Platform Policies 🖸
🗿 Cost Management + Billing	
Help + support	Register

- In the App Registration, select **Authentication** from the menu.
- Under Advanced settings enter a logout URL.
  - This should be your website address followed by /ssosp/logout. For example, if we set up SSO for <u>www.e4education.co.uk</u> we would enter <u>https://www.e4education.co.uk/ssosp/logout</u>.
- Click the **Save** button at the top.

Microsoft Azure		,○ Search resources, services, and docs (G+/)
«	Home > App registrations > e4educati	on Website integration - Authentication
Create a resource	e4education Website in	tegration - Authentication
숚 Home	(0. Such (2) ( 4)	🕞 Save 🗙 Discard 🖌 Try out the new experience 💙 Got feedback?
🗔 Dashboard		
E All services	• Uverview	Redirect URIs
★ FAVORITES	😃 Quickstart	The URIs that we will accept as destinations when returning authentication responses (tokens) after successfully authenticating users. Also
All resources	Manage	Learn more about adding support for web, mobile and desktop clients 🖄
() Resource groups	🔤 Branding	Type Redirect URI
📀 App Services	Authentication	Web http://localhost/ssosp/process
🦘 Function App	📍 Certificates & secrets	Web  v e.g. https://myapp.com/auth
🧧 SQL databases	API permissions	
Azure Cosmos DB	🙆 Expose an API	Suggested Redirect URIs for public clients (mobile, desktop)
Virtual machines	n Owners	If you are using the Microsoft Authentication Library (MSAL) or the Active Directory Authentication Library (ADAL) to build applications for desktop or mobile devices, you may select from the suggested Redirect URIs below or enter a custom redirect URI above. For more
💠 Load balancers	Roles and administrators (Previ	information, refer to the library documentation.
Storage accounts	III Manifest	msal379301ff-3094-4f85-8639-c4d11fddcd1a://auth (MSAL only)
😔 Virtual networks	Support + Troubleshooting	https://login.microsoftonline.com/common/oauth2/nativeclient https://login.live.com/oauth20_desktop.srf (LiveSDK)
🚸 Azure Active Directory	X Troubleshooting	
🤭 Monitor	New support request	
😐 Advisor		Advanced settings
🏮 Security Center		Logout URL () https://www.e4education.co.uk/ssosp/logout v
🗿 Cost Management + Billing		
Help + support		Implicit grant Allows an application to request a token directly from the authorization endpoint. Recommended only if the application has a single page architecture (SPA), has no backend components, or invokes a Web API via JavaScript. Learn more about the implicit grant flow To enable the implicit grant flow, select the tokens you would like to be issued by the authorization endpoint:
		Access tokens

- To allow the e4education CMS access to Azure AD, you will need three pieces of information from Azure.
  - Application (client) ID
  - Directory (tenant) ID.
  - Client Secret
- Two of these are found under the **Overview** section.



- The third is found under Certificates and secrets.
  - You can create a new secret for use in by the website by clicking on New client secret.

Microsoft Azure		د <b>م</b> ر	learch resources, services, and docs (G	+/)	
«	Home > NT Test Org - App registrations	> e4education Website Integration - Certificates & s	ecrets		
Create a resource	🔶 e4education Website Int	egration - Certificates & secrets			
숨 Home	P Search (Ctri+/) «	Gopy the new client secret value. You won't be	able to retrieve it after you perform ano	ther operation or leave this blade.	
All services     FAVORITES	<ul> <li>Overview</li> <li>Quickstart</li> </ul>	Credentials enable applications to identify thems higher level of assurance, we recommend using i		hen receiving tokens at a web addressable location (using an as a credential.	n HTTPS scheme). For a
All resources	Manage	Certificates			
Resource groups	🔤 Branding	Certificates can be used as secrets to prove the a	pplication's identity when requesting	a token. Also can be referred to as public keys.	
App Services	Authentication	→ Upload certificate			
Function App	📍 Certificates & secrets	No certificates have been added for this applicat	ion.		
SQL databases	API permissions				
Azure Cosmos DB	🙆 Expose an API	Thumbprint	Start Date	Expires	
Virtual machines	E Owners				
Load balancers	Roles and administrators (Previ	Client secrets			
Storage accounts	11 Manifest	A secret string that the application uses to prove	its identity when requesting a token	Also can be referred to as application password.	
Virtual networks	Support + Troubleshooting	+ New client secret			
Azure Active Directory	X Troubleshooting	Description	Expires	Value	
Monitor	New support request	e4education Website Integration	10/18/2020	n8_Xn8TEMDfy8y5l0vYifWd.K.:HE=7q	

## SETTING UP SINGLE SIGN-ON IN YOUR WEBSITE

You will need to have administrator access on the website to perform this task.

Log in and select Website> Website Settings from the admin menu

Select Single Sign-on from the menu

Choose Azure AD as the provider

## Enter the Client ID, Tenant ID and Client Secret from Azure

If you would like to set the Domain for logging in, add this too.

Save these settings

HOME	CREATE	EDIT	WEBSITE	COMMUNICATI	ONS HELP	SUPERUSER		
📽 So	cial Media	🖄 Website	Stats 📑	Website Settings	🗟 Export Data	🖾 Send Email	🖪 Custom	Data
We	bsite Settin	igs						$\times$
	Data Protec	tion	Single	e sign on provid	er			^
•	Comments		Wh	at single sign on p	provider should th	e website use?		
	News			ure AD			~	
; <del>0</del> ;	Login Page		Clie	ase specify your A Int ID				
۶	Single Sign-o	on		ant ID?	795-8133-7388b	e1/2/c5		
~	SEO				6c5-a37b-43cf23	f6268d		
ż	Course Book	king	Clie	nt Secret?		•••••		
			Dor	nain?				
			AD'		ise access to Azur	e 'Authorise access e AD, which will allo		~
								_

Once you have Saved these settings, you will see a button to Authorise access to Azure AD. Click the button, and follow through the authorisation process.

Once access has been authorised, you wil be able to use the Add/Remove Links button to match Active Directory groups to the Security Roles within the Website's Content Management System.

nce you have Saved these settings, you ill see a button to <b>Authorise access to</b>	Website Settings		$\times$
zure AD. Click the button, and follow rough the authorisation process.	Data Protection	Authorise access to Azure AD	*
	😞 Comments	Azure AD Group Links	
	🖭 News	You can specify which AD groups should allow access to which role on	
nce access has been authorised, you will e able to use the <b>Add/Remove Links</b>	📽 Login Page	the website. Add/Remove Links	ł
utton to match Active Directory groups to e Security Roles within the Website's	🕰 Single Sign-on	Add/ Remove Links	
ontent Management System.	SEO	Enable single sign on	ľ
	🖄 Course Booking	You can enable single sign on by selecting one of the following options. An SSO provider must have been added for SSO to be	Ŧ
Azure AD Group Links			
You can specify which AD groups should allow access to whether the website.	nich role on	saved successfully. Save	2
	∽ ×		
Support Team 🖌 : Subadmin	<u>~</u> ×		
Add link			

You can **Enable Single Sign-On** by choosing how you will allow users to login to the website.

Once you have made the required changes, click the **Save** button again

Data Protection	Enable single sign on
Comments	You can enable single sign on by selecting one of the following
🗉 News	options. An SSO provider must have been added for SSO to be enabled.
📽 Login Page	Website login and SSO login Enabled       Website login only
🔩 Single Sign-on	Website login and SSO login Enabled SSO login only
🜌 SEO	By ticking this checkbox and clicking the button below, you can revoke all SSO functionality on the website. <b>This change will take</b> <b>immediate effect</b>
M SEO	
🗟 Course Booking	Revoke SSO functionality