Understanding Microsoft Cloud Identities

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http://about.me/ciaops

Agenda

- Identity options
- What is Azure AD?
- Enabling Azure AD using Office 365
- Configuring Azure AD Single Sign On Portal
- Configuring Azure AD Branding
- Configuring Azure AD Cloud User Password Reset Portal
- Conclusions

Identity options

Identity Options Comparison

1. MS Online Identities

Appropriate for

- Smaller orgs without AD on -premise

Pros

- No servers required on-pre mise

Cons

- No SSO
- No 2FA
- 2 sets of credentials to man age with differing password policies
- IDs mastered in the cloud

2. MS Online Identities + Azure AD Connect

Appropriate for

- Medium/Large orgs with AD on-premise

Pros

- Users and groups mastered on-premise
- Enables co-existence scenarios

Cons

- No SSO
- No 2FA
- 2 sets of credentials to man age with differing password policies
- Server deployment required

3. Federated IDs + Azure AD Connect

Appropriate for

- Larger enterprise orgs with AD on-premise

Pros

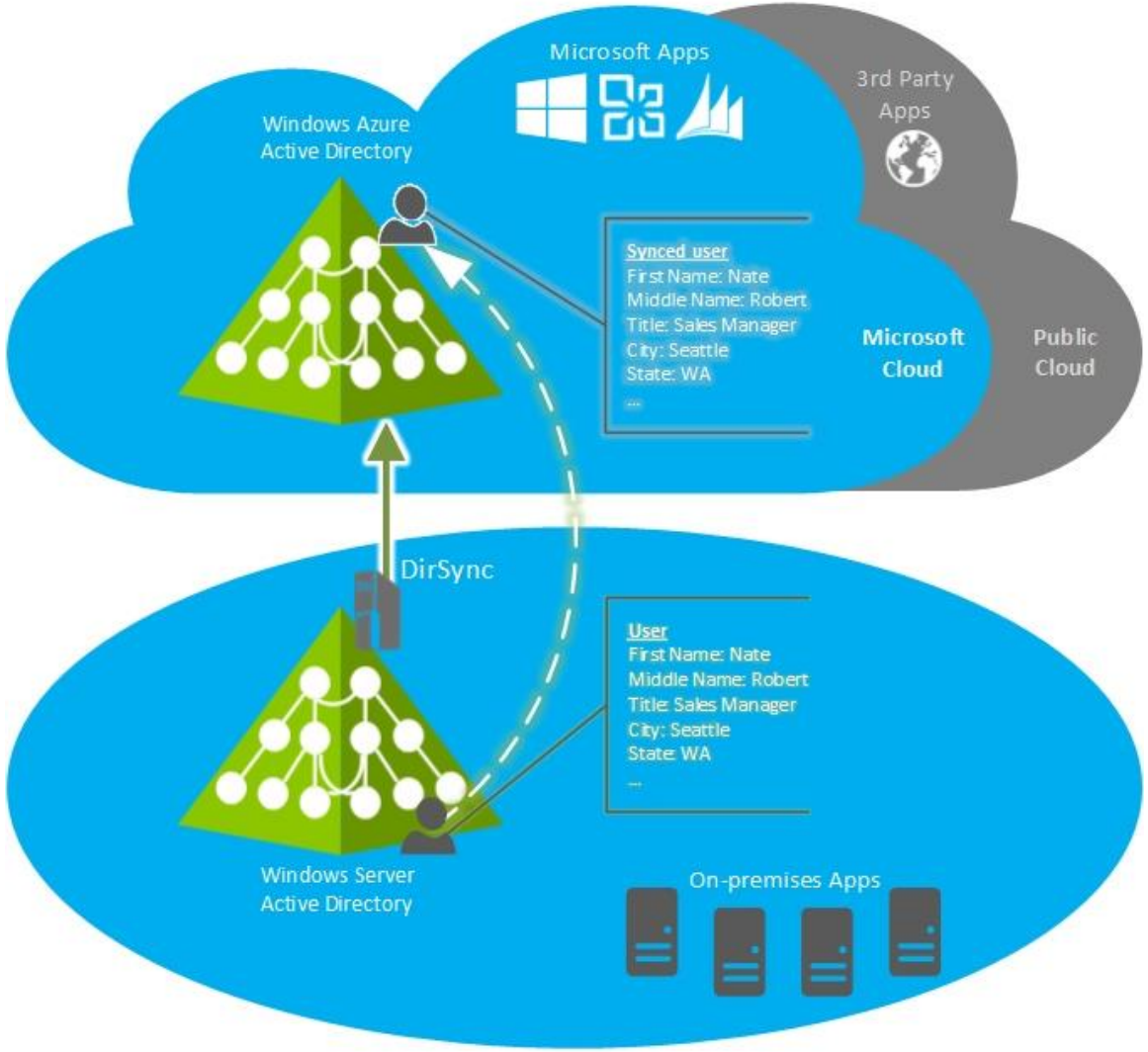
- SSO with corporate cred
- IDs mastered on-premise
- Password policy controlled on-premise
- 2FA solutions possible
- Enables co-existence scenarios

Cons

- High availability server depl oyments required

Directory Sync

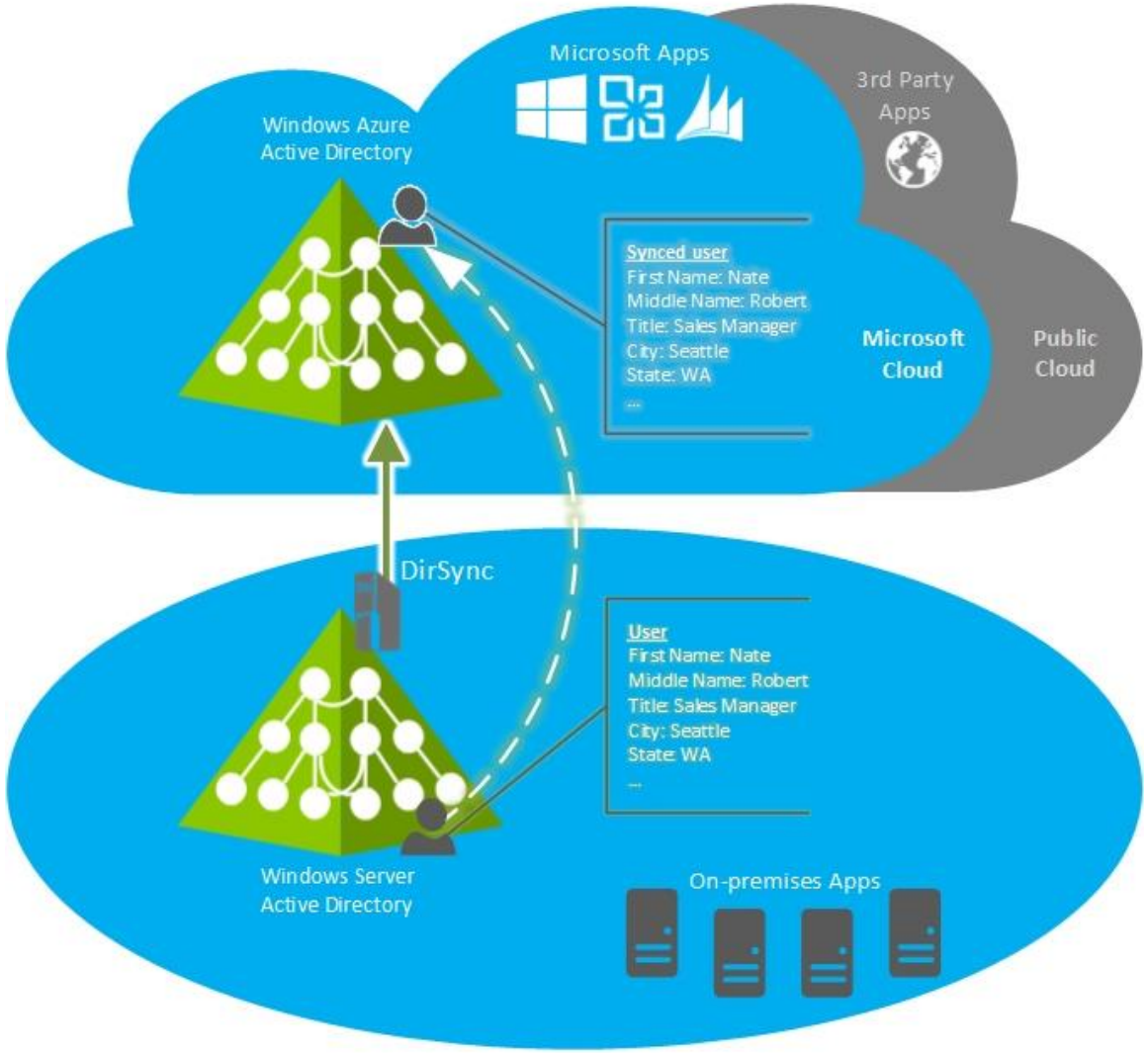
- Synchronizes users, groups, and contacts to Windows Azure AD.
- Users will have a different password in Windows Azure AD than they have for the on-premises AD.



DEPRECATED

Azure AD sync tool

- Formerly known as **Dirsync**, this tool has been updated to allow for the synchronization of local Active Directory passwords to Azure Active Directory.
- Also synchronizes users, groups and contacts.
- This new feature will allow for same user sign in with Microsoft cloud services such as Office 365 powered by Azure Active Directory since the username and the password from local AD will be synced up to Azure AD.



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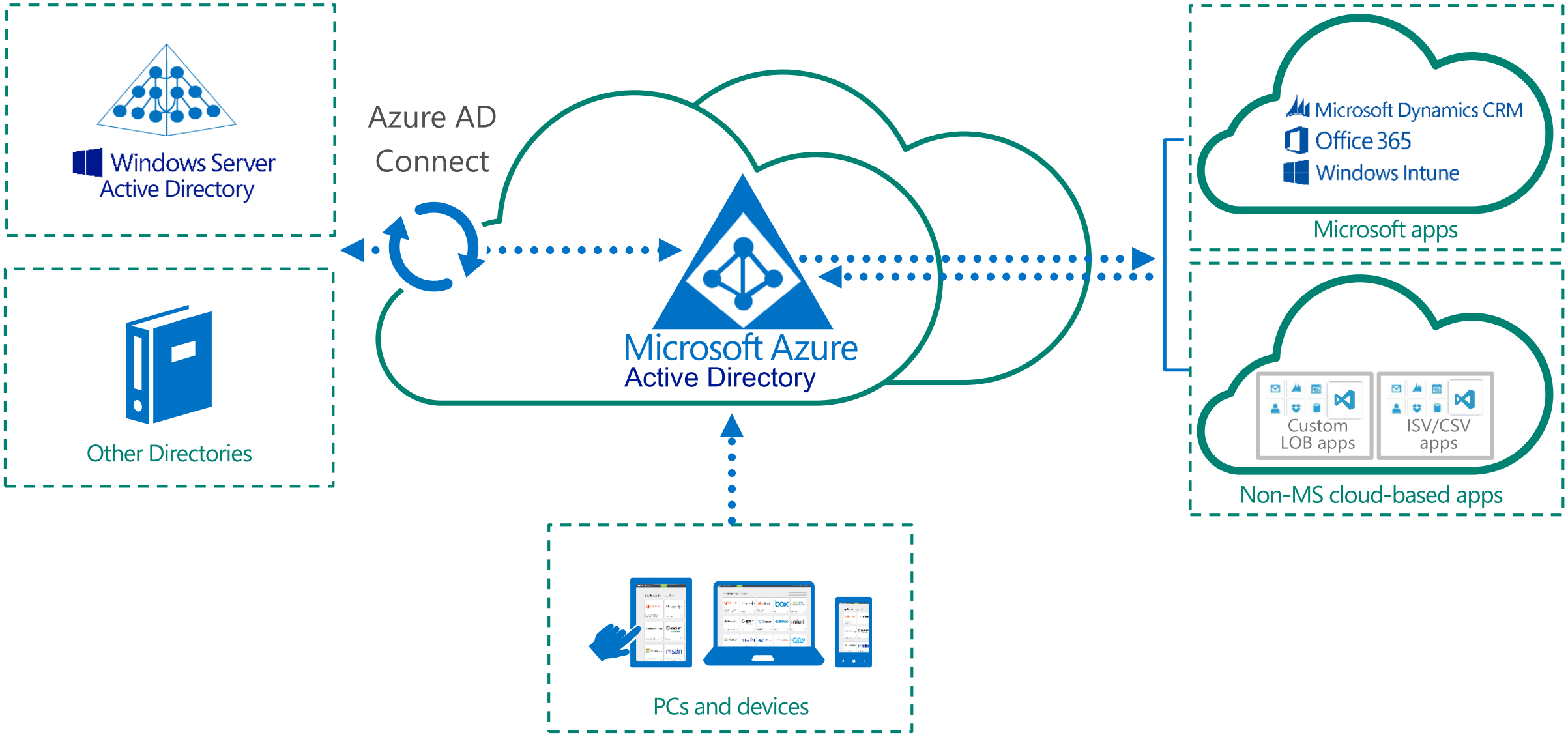
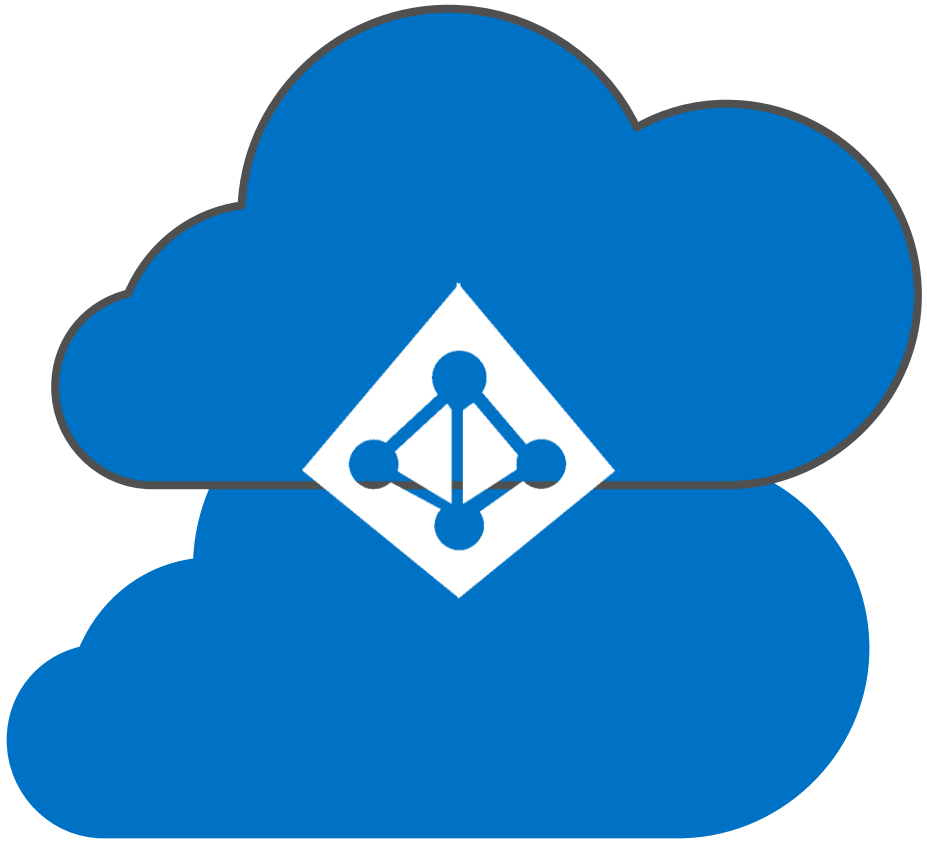
Azure AD as the control point



What is Azure AD?

What is Azure Active Directory?



A comprehensive identity and access management cloud solution.

It combines directory services, advanced identity governance, application access management and a rich standards-based platform for developers.

Versions:

- Free
- Basic
- Premium

Azure Active Directory versions

Versions:

- Free
  - Manage user accounts, synchronise with on-premises directories, get single sign on across Azure, Office 365, and thousands of popular SaaS applications.
- Basic
  - Get all the capabilities that Azure Active Directory Free has to offer, plus group-based access management, self-service password reset for cloud applications, Azure Active Directory application proxy (to publish on-premises web applications using Azure Active Directory), customizable environment for launching enterprise and consumer cloud applications, and an enterprise-level SLA of 99.9 percent uptime.
- Premium
  - Get all of the capabilities that he Azure Active Directory Free and Basic editions have to offer, plus additional feature-rich enterprise-level identity management capabilities such as branding, group based application access, multi factor authentication, Microsoft Identity Manager (MIM)

Azure Active Directory editions feature comparison + Office 365 IAM features

		Azure Active Directory Free	Azure Active Directory Basic	Azure Active Directory Premium	Office 365 IAM features
Common Features	Directory as a Service	500,000 Object Limit	No Object Limit	No Object Limit	No Object limit for Office 365 user accounts
	User/Group Management (add/update/delete)	Yes	Yes	Yes	Yes
	SSO to pre-integrated SAAS Applications /Custom Apps	10 apps per user	10 apps per user	No Limit	10 apps per user
	User-Based access management/provisioning	Yes	Yes	Yes	Yes
	Self-Service Password Change for cloud users	Yes	Yes	Yes	Yes
	Identity Synchronization Tool (Windows Server Active Directory integration, Multi Forest)	Yes	Yes	Yes	Yes
	Security Reports	3 Basic Reports	3 Basic Reports	Advanced Security Reports	3 Basic Reports
	Cloud App Discovery*	Yes(Basic)	Yes(Basic)	Yes(Advanced)**	Yes(Basic)
Premium + Basic Features	Group-based access management/provisioning		Yes	Yes	
	Self-Service Password Reset for cloud users		Yes	Yes	
	Company Branding (Logon Pages/Access Panel customization)		Yes	Yes	
	SLA		Yes	Yes	Yes
Premium Features	Identity Synchronization Tool advanced write-back capabilities * (FY15 Roadmap)			Yes	
	Self-Service Group Management			Yes	
	Self-Service Password Reset/Change with on-premises write-back			Yes	
	Advanced Usage Reporting			Yes	
	Multi-Factor Authentication (Cloud and On-premises (MFA Server))			Yes	Limited Cloud only features for accessing Office 365
	Azure Active Directory Application proxy*			Yes	
	MIM CAL + MIM Server			Yes	
	Administrative Delegation* (FY15 Roadmap)			Yes	

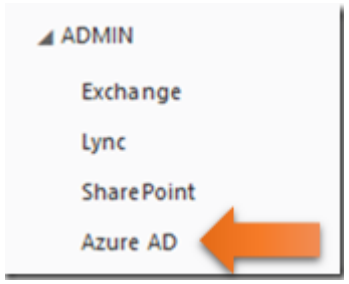
*Features in Preview (Sept 2014) or in the roadmap

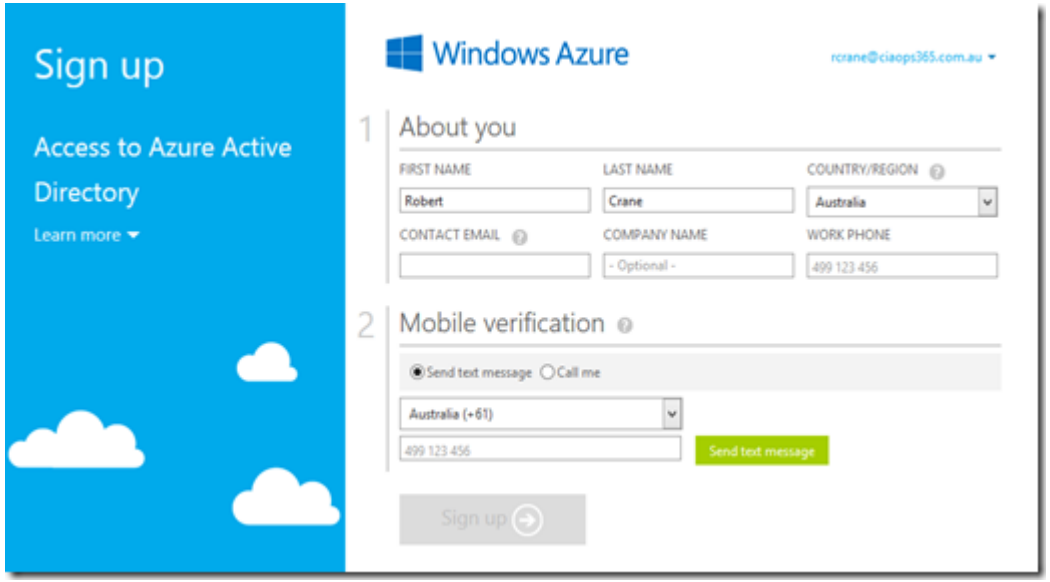
** Advanced functionality on Cloud App Discovery is in the roadmap for FY15 H2

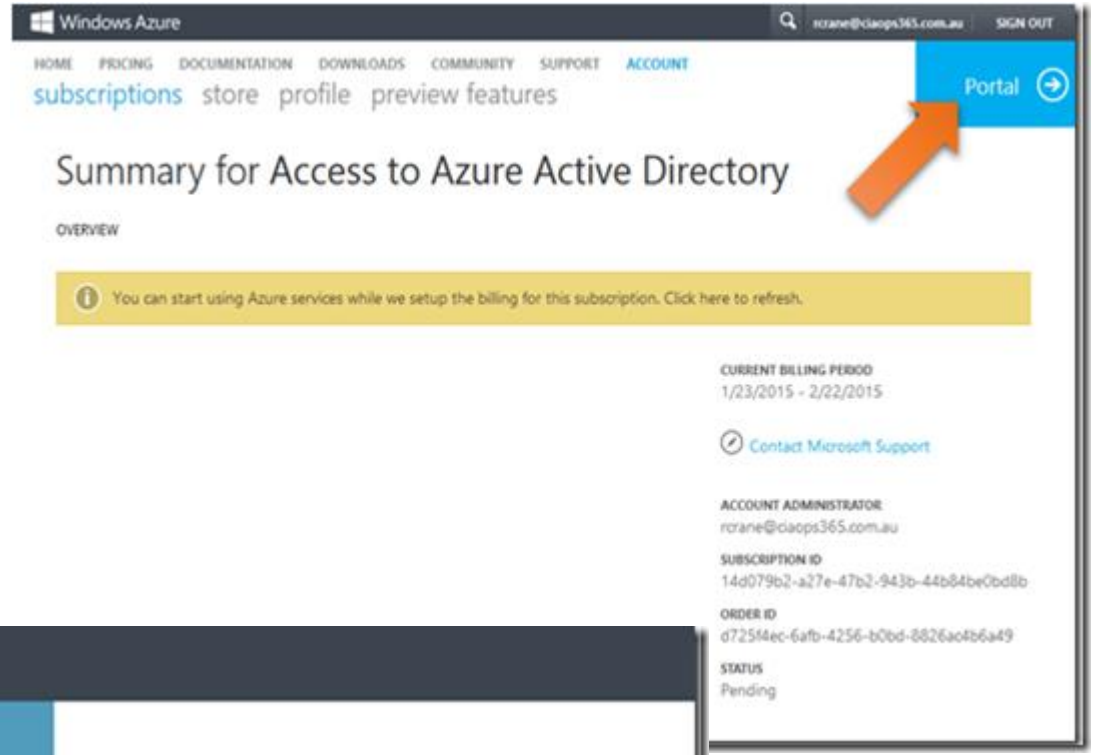
10 Apps per user : Every user can have a different set of Apps, up to ten. MS Online apps (e.g. O365) are counted among these 10.

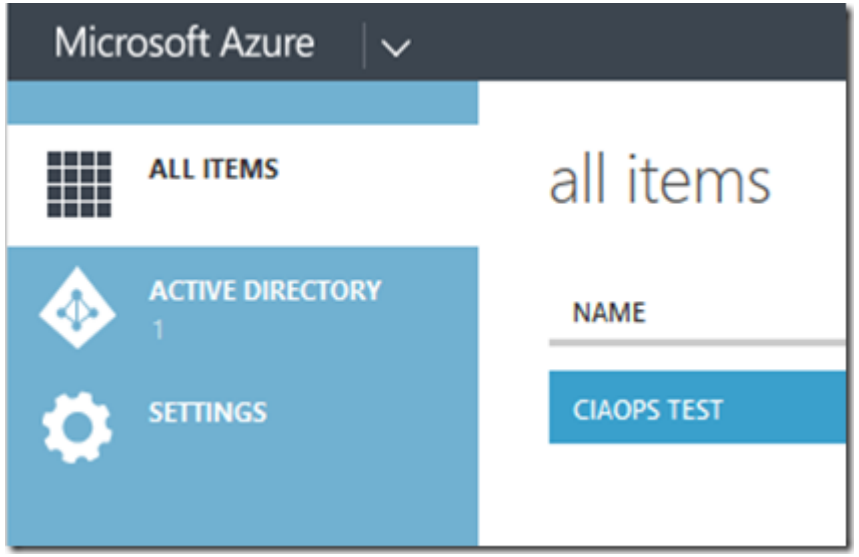
Enabling Azure access in Office 365

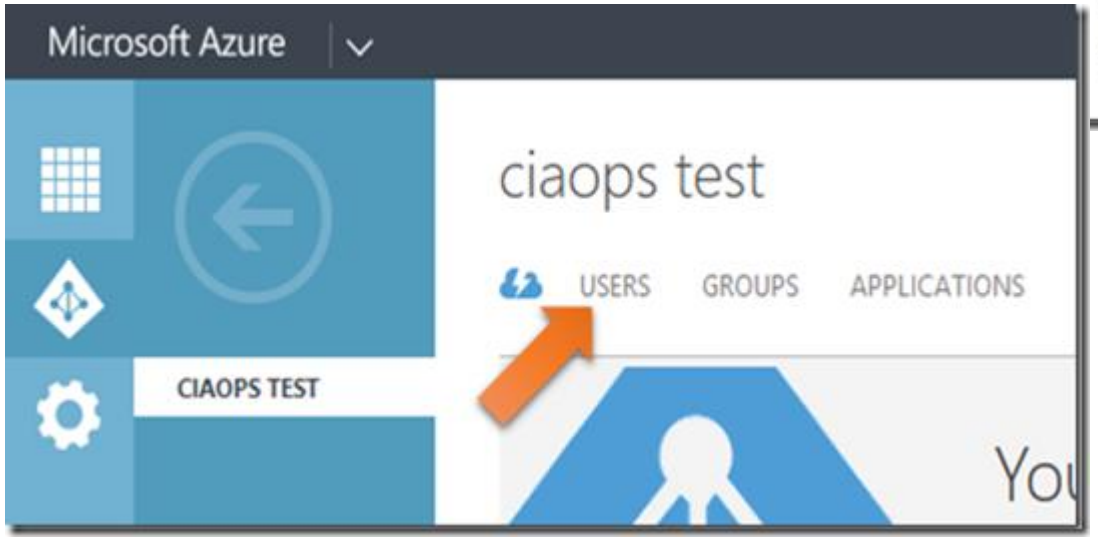
Access to free Azure AD via Office 365





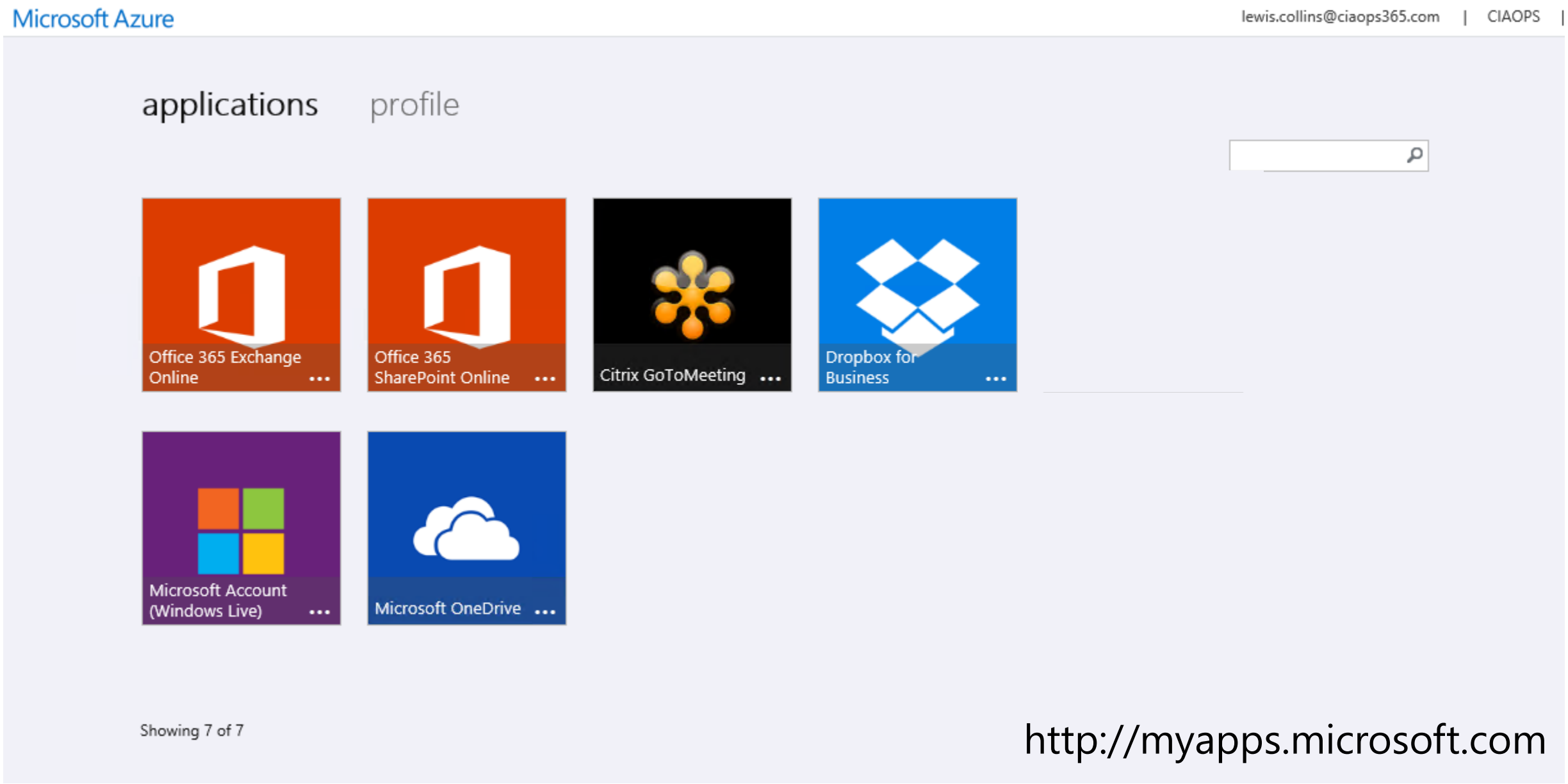






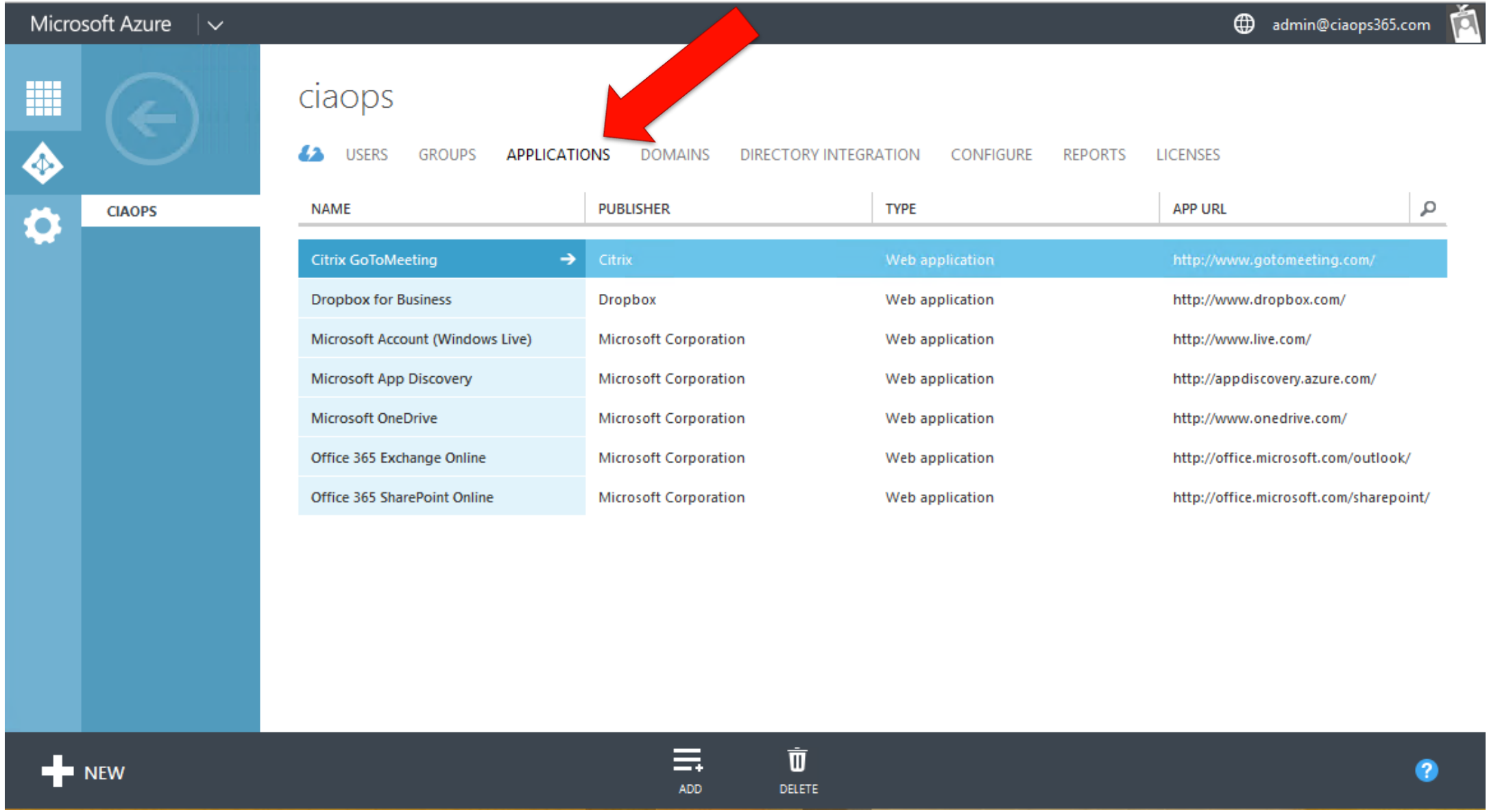
Azure AD Web Single Sign On Portal

Add an application



http://myapps.microsoft.com

Add an application



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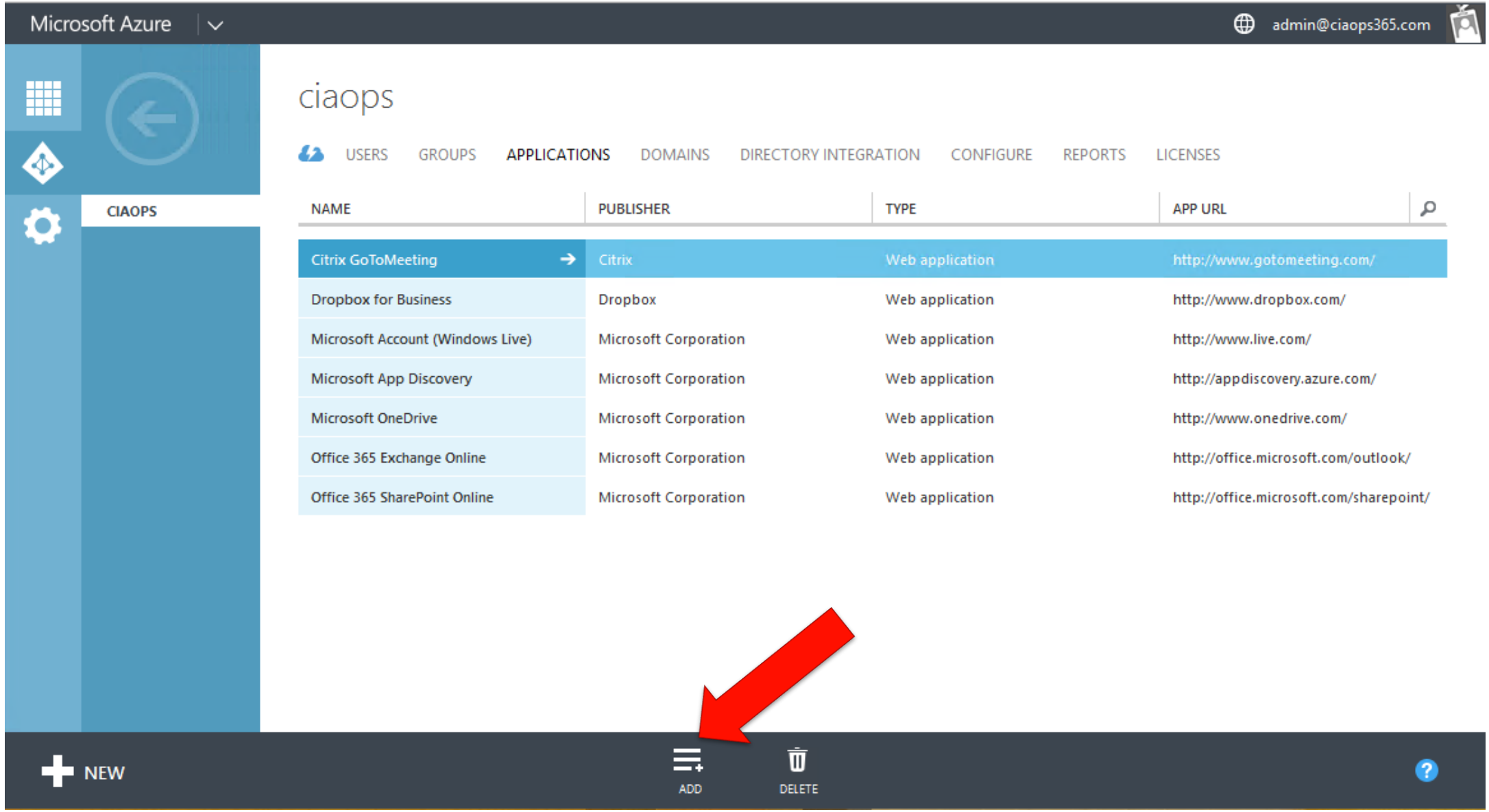

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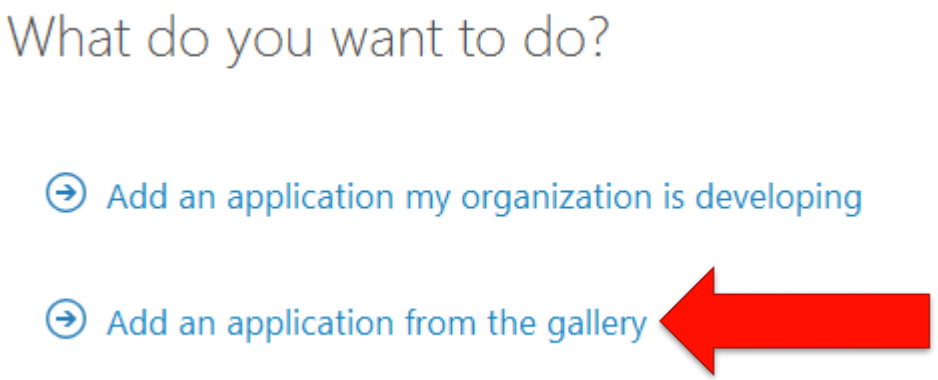

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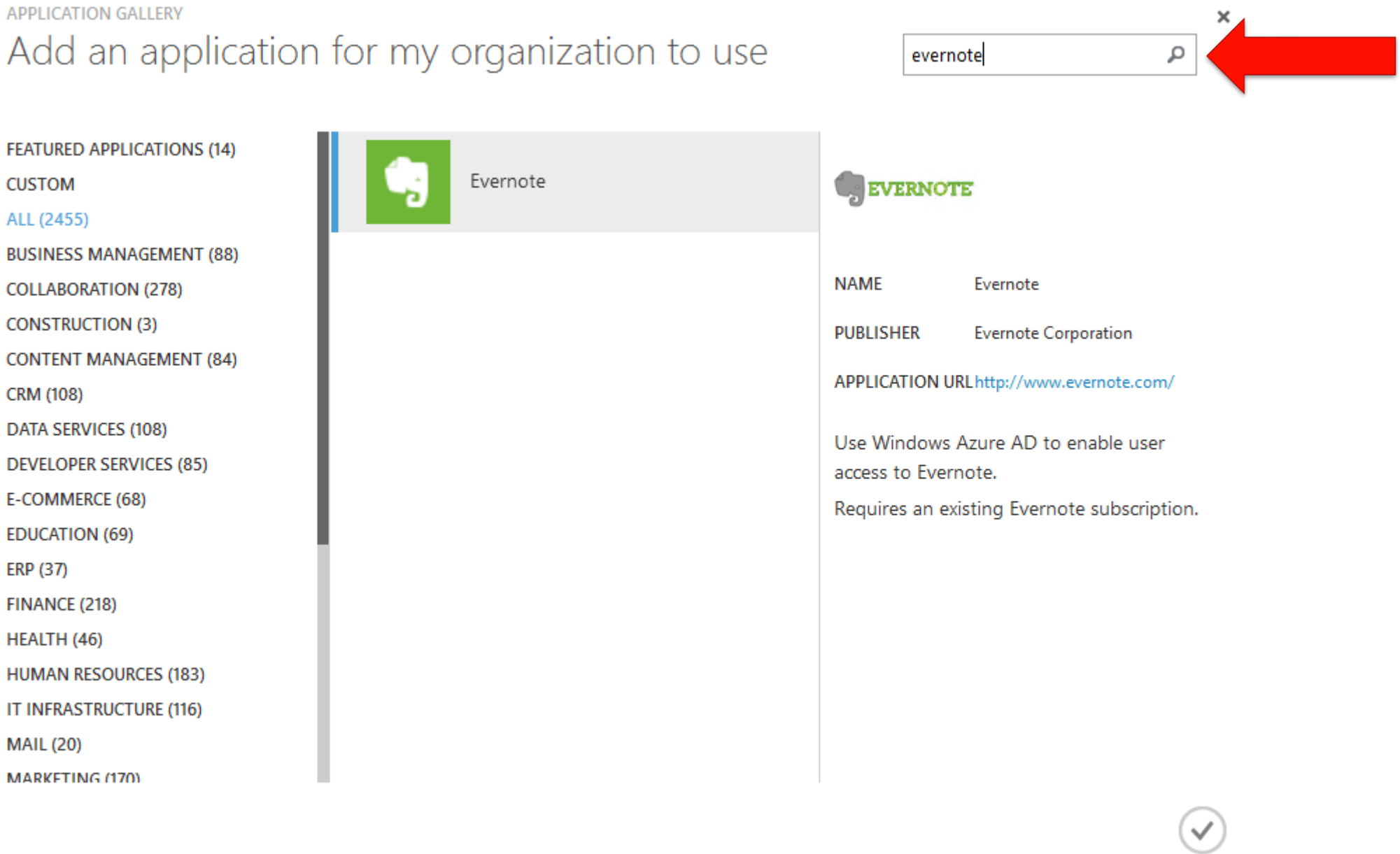

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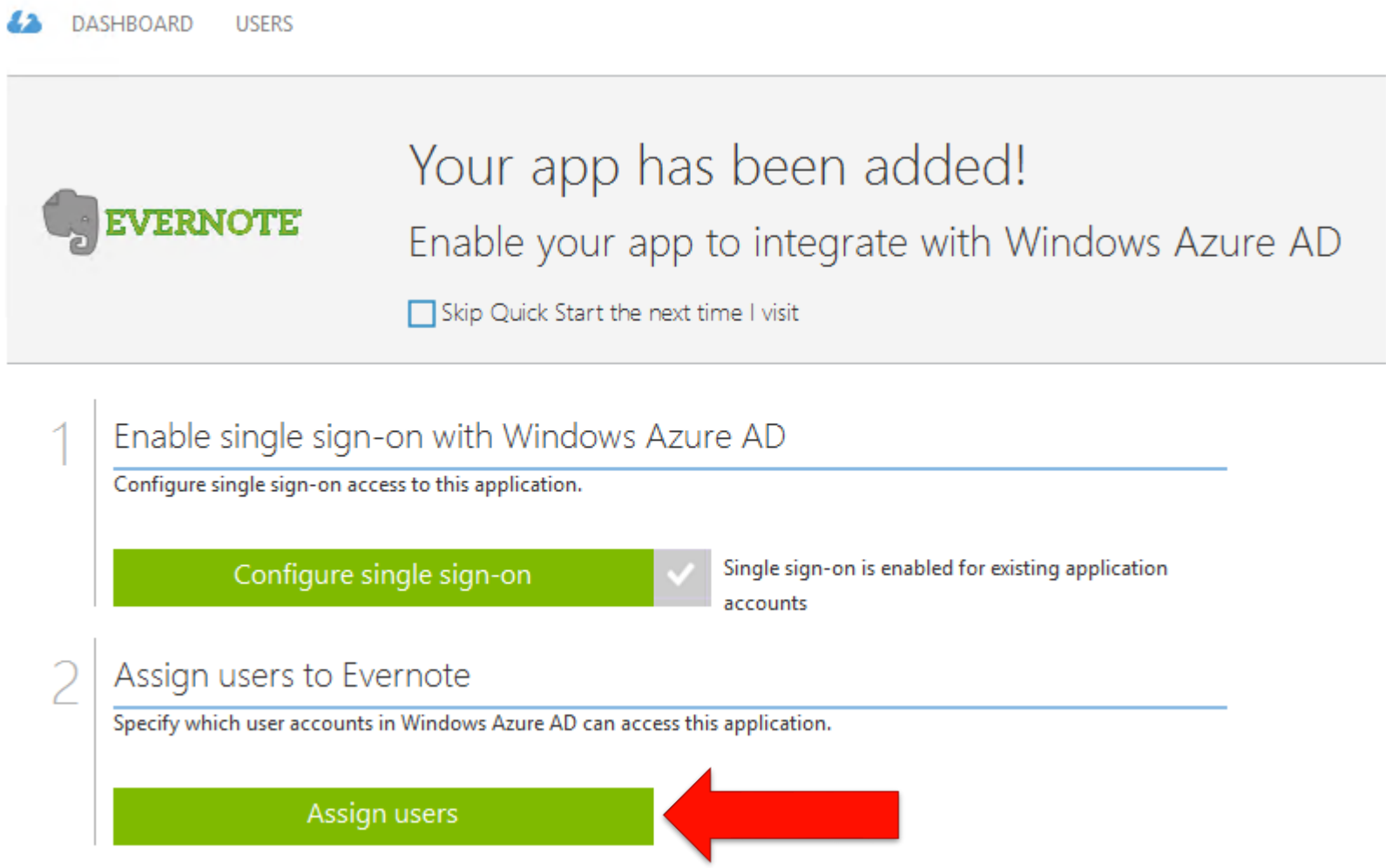

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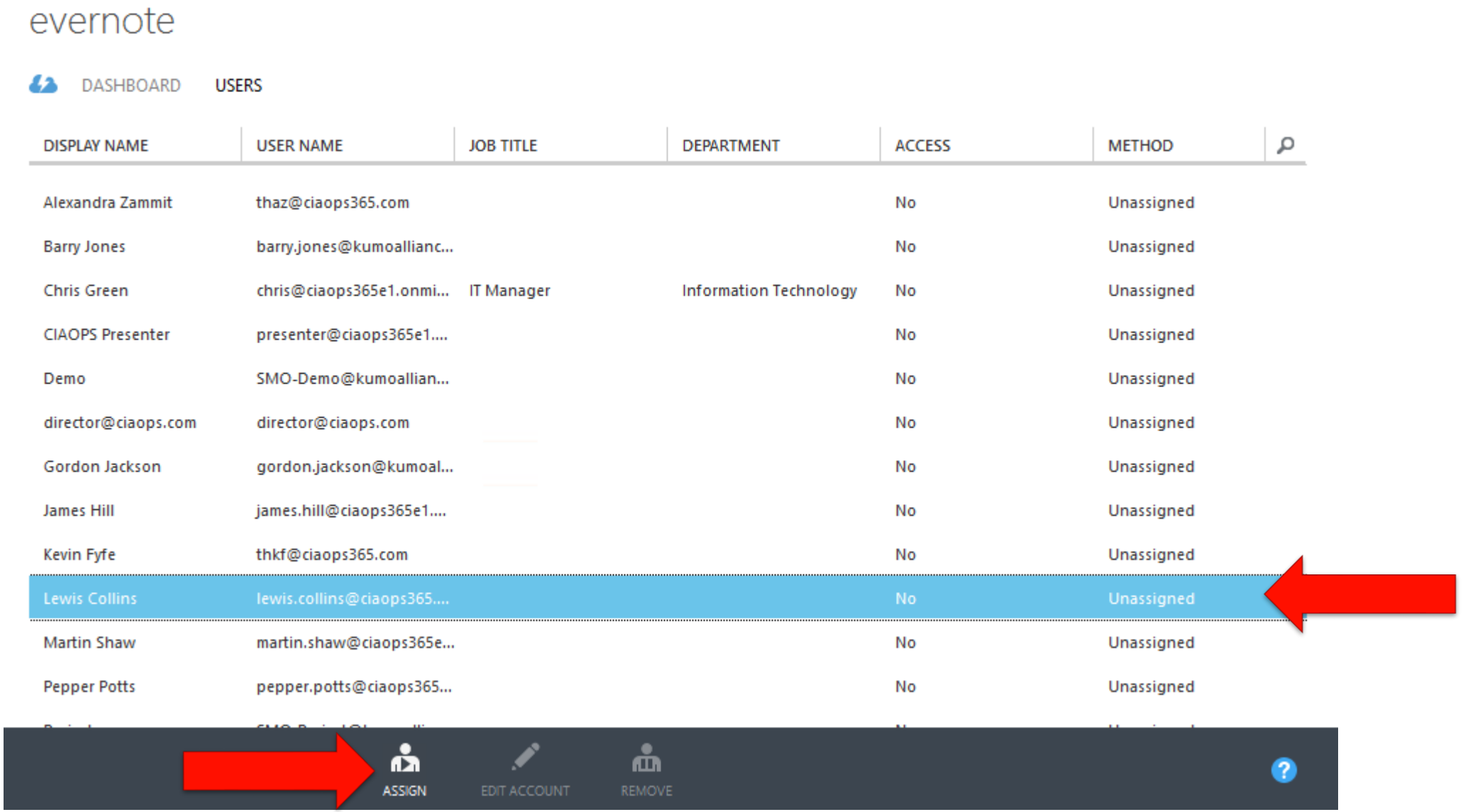

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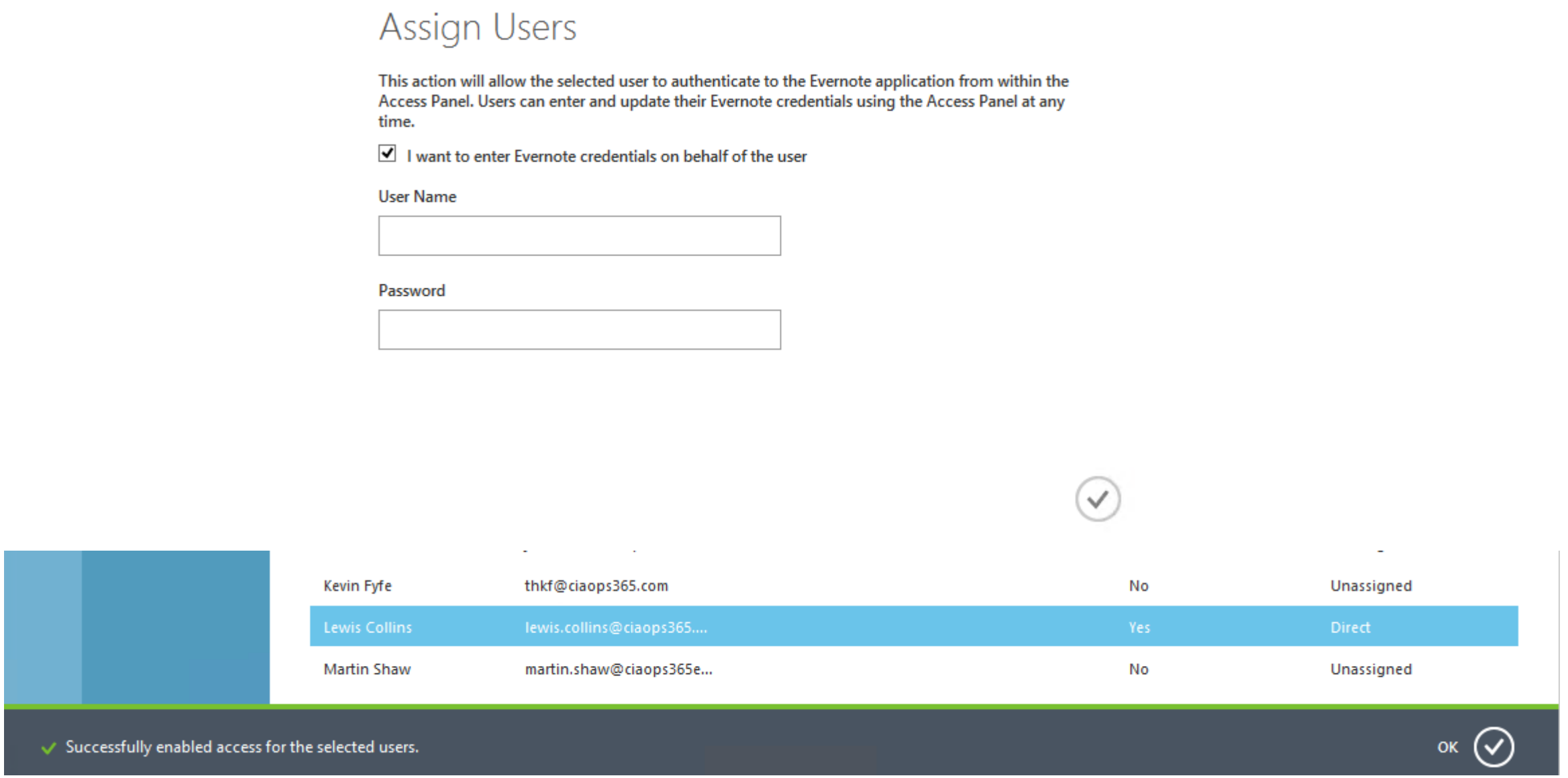

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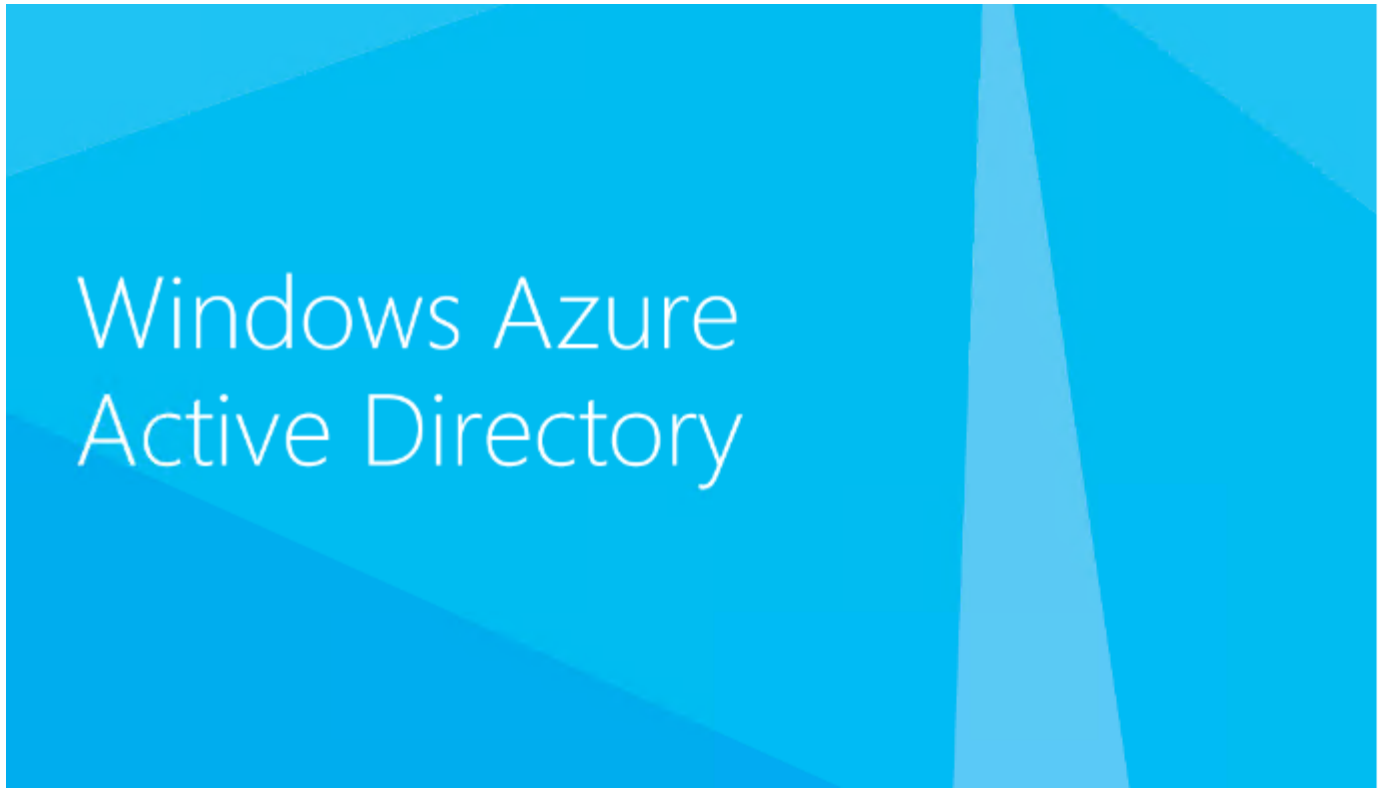

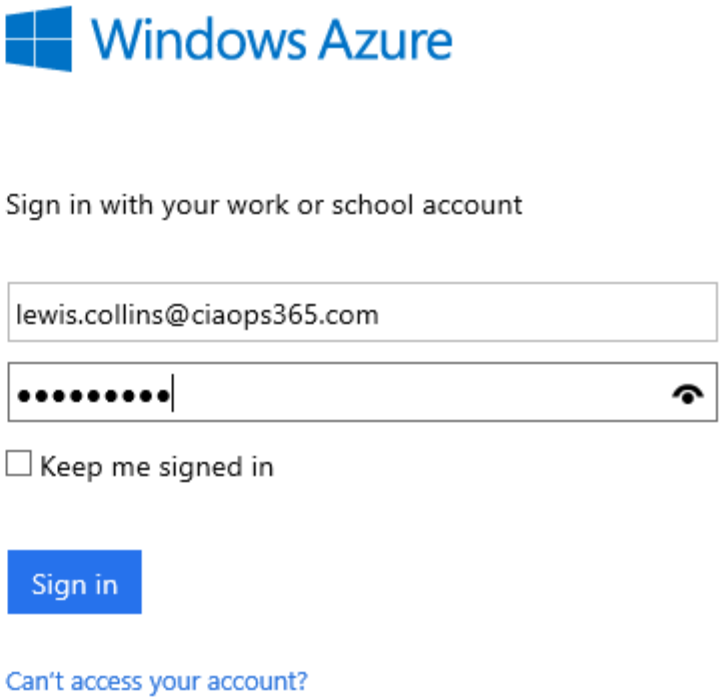

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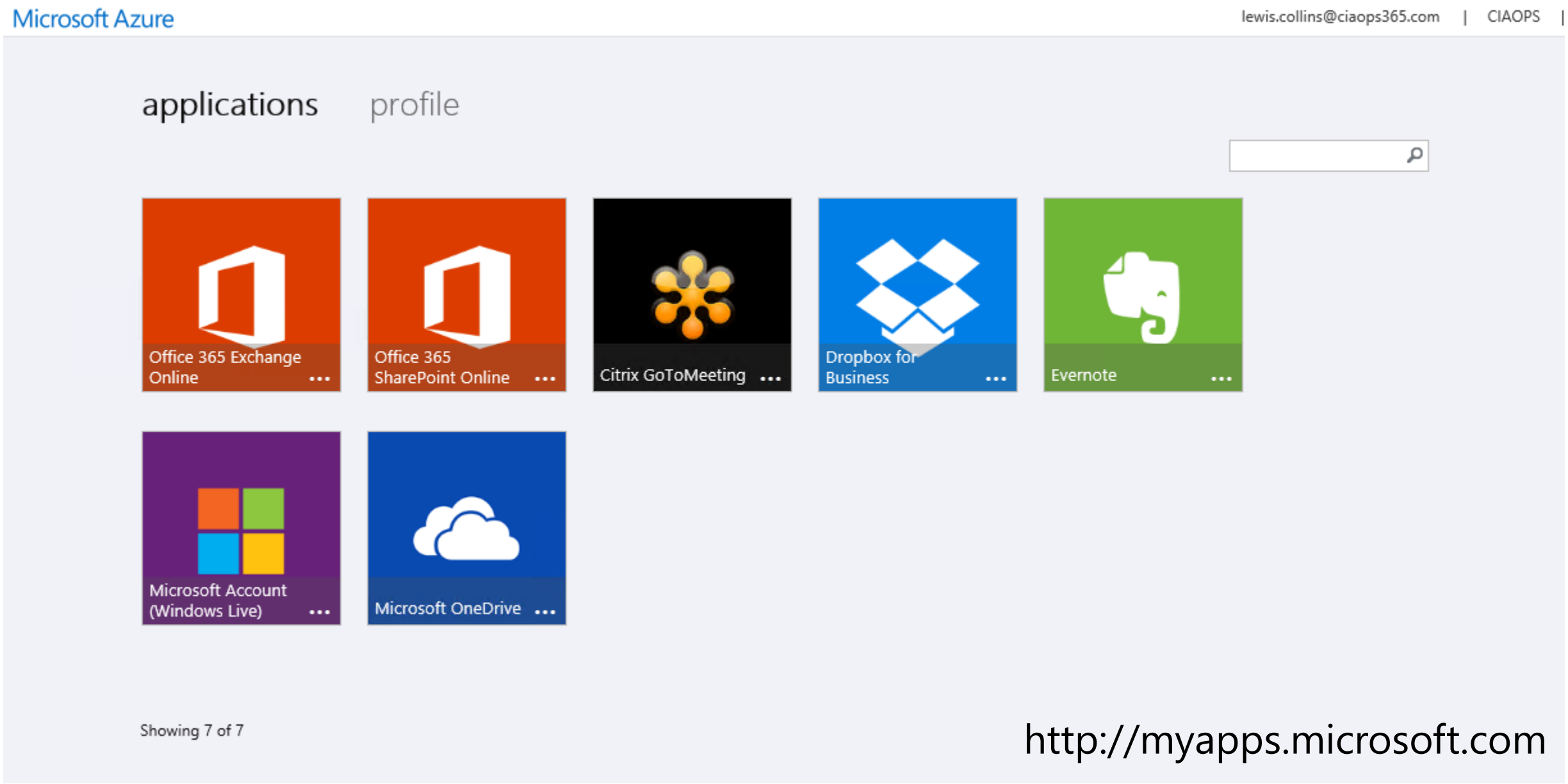

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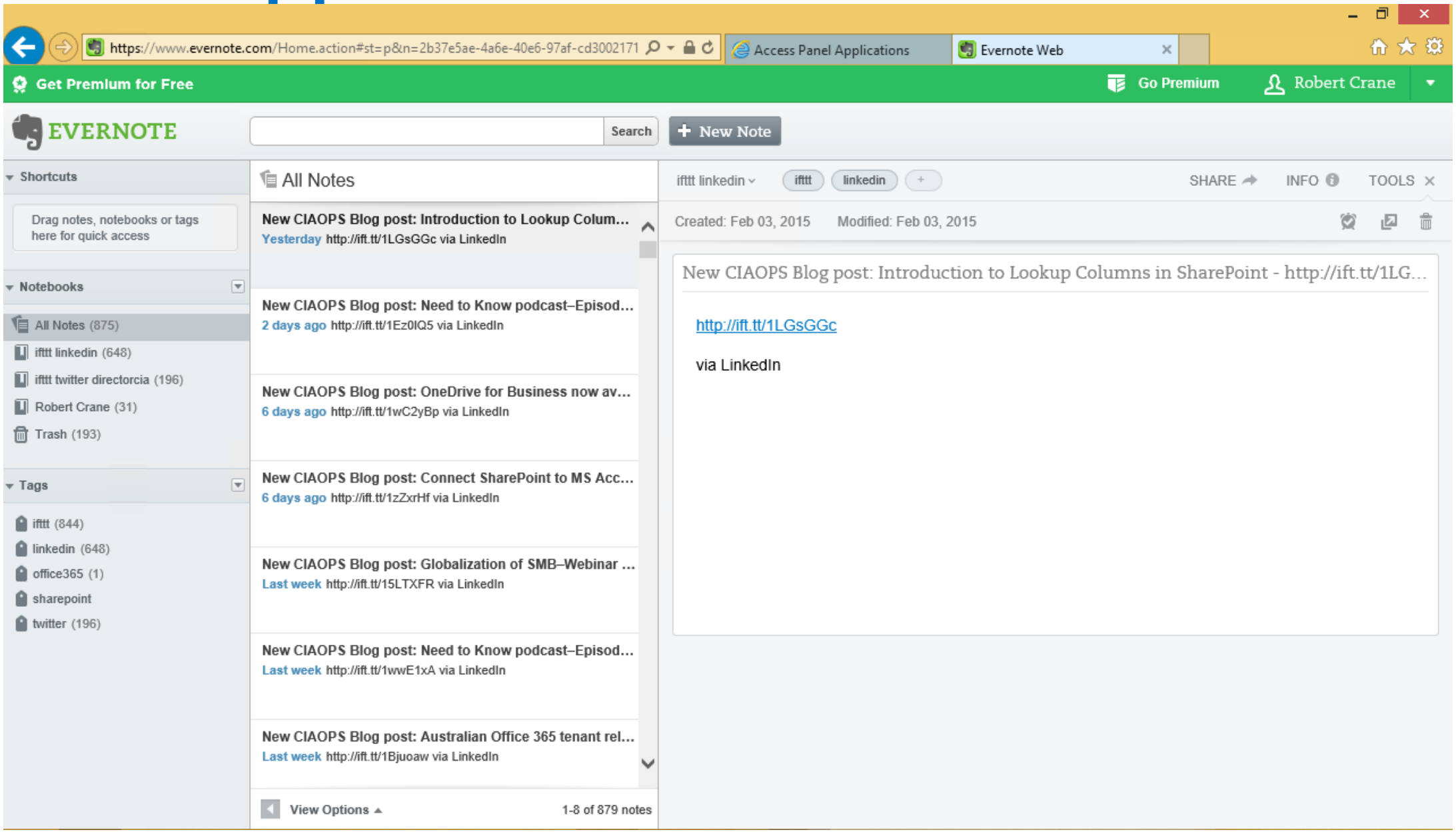
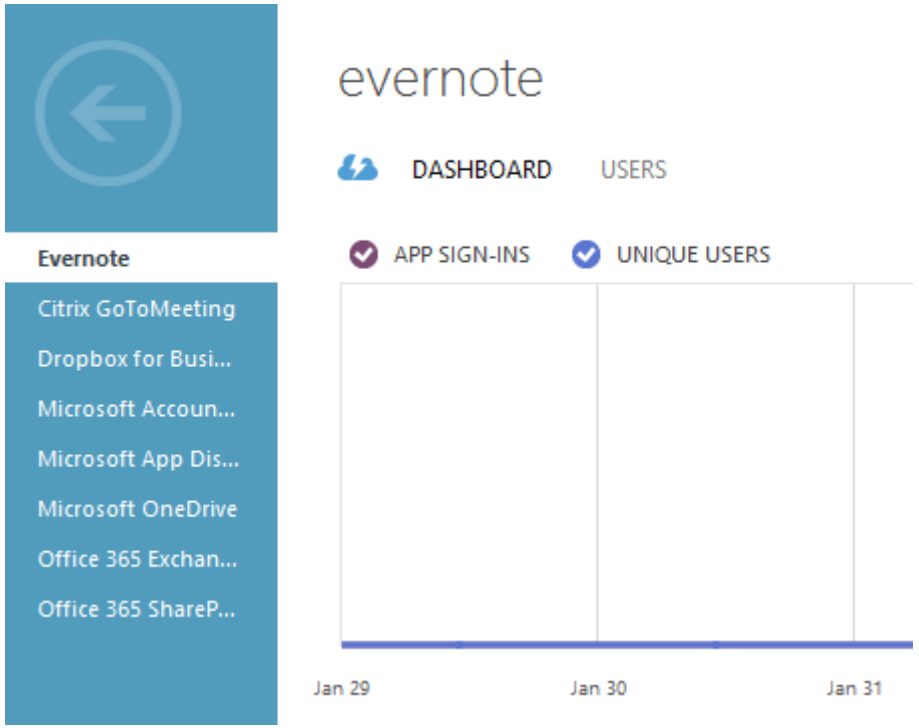
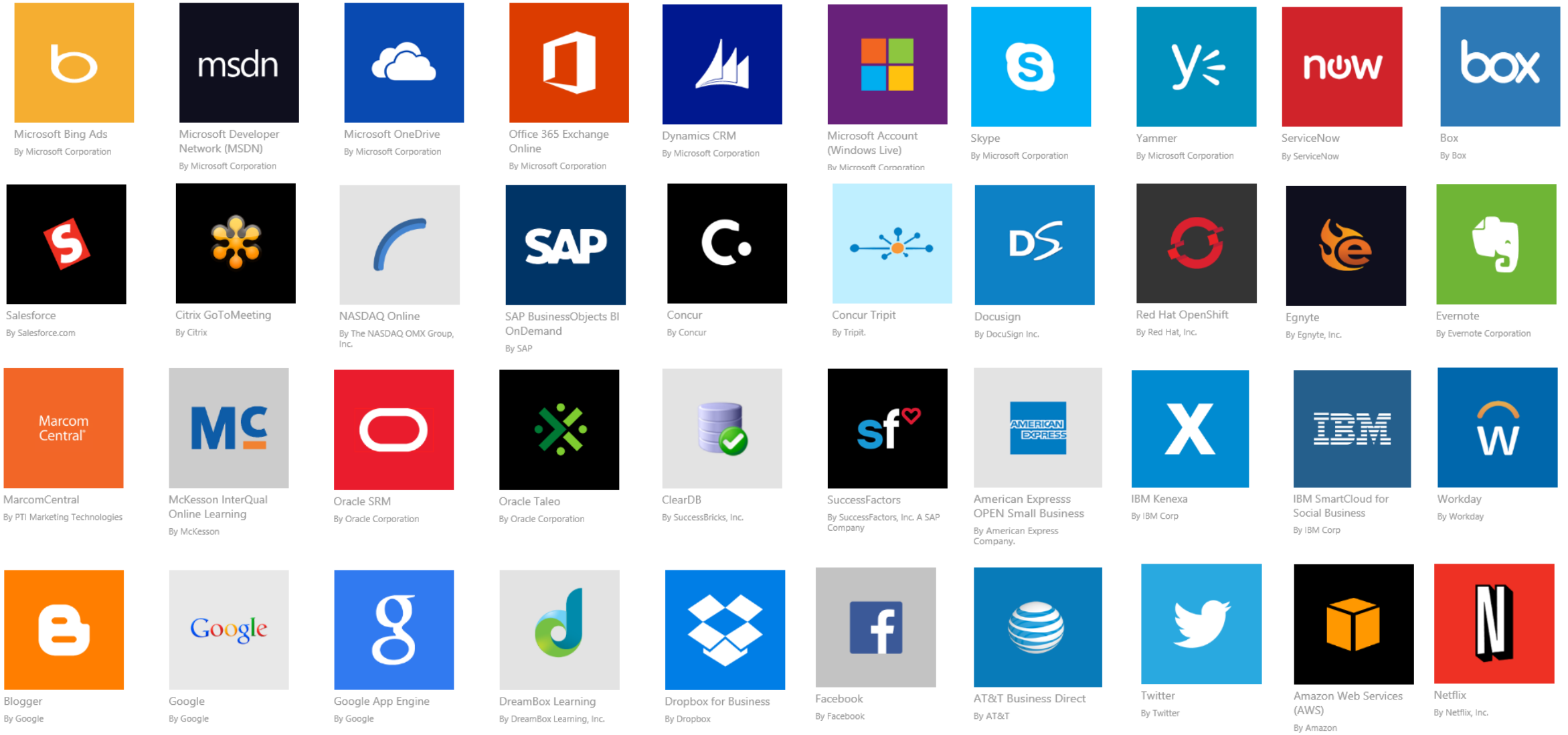


Monitor an application

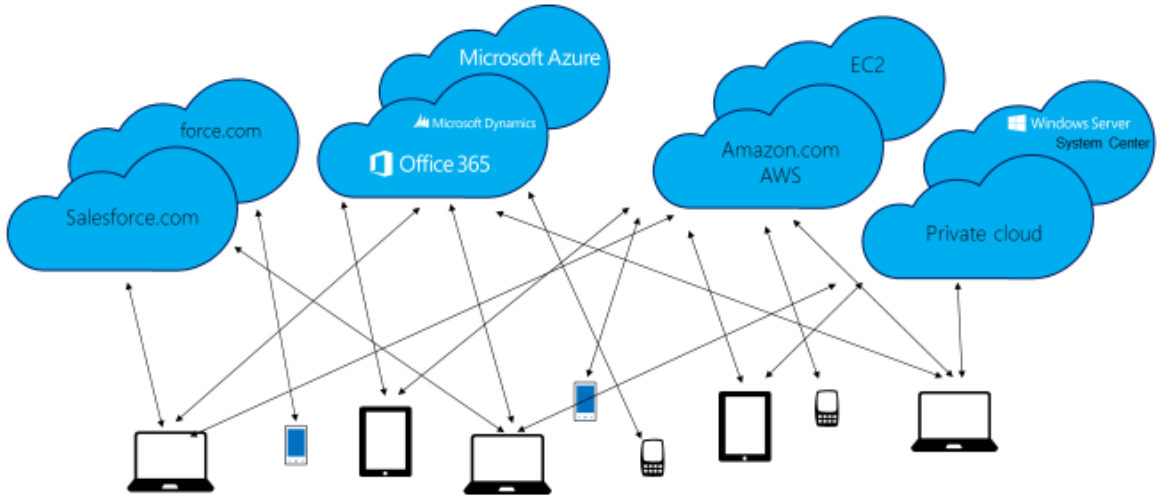


Preintegrated SaaS apps in the application gallery



Cloud app discovery

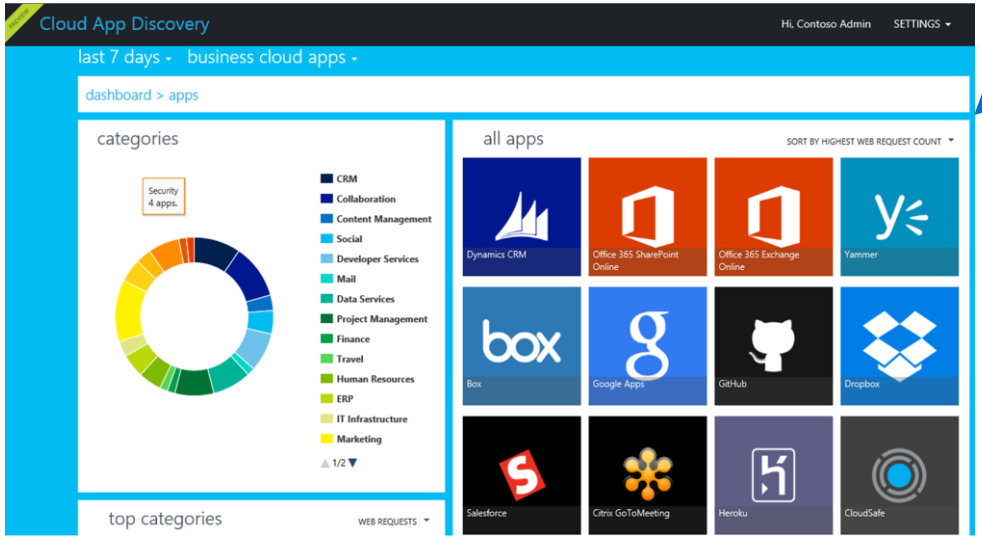
A world of devices and SaaS Applications



AD Agent

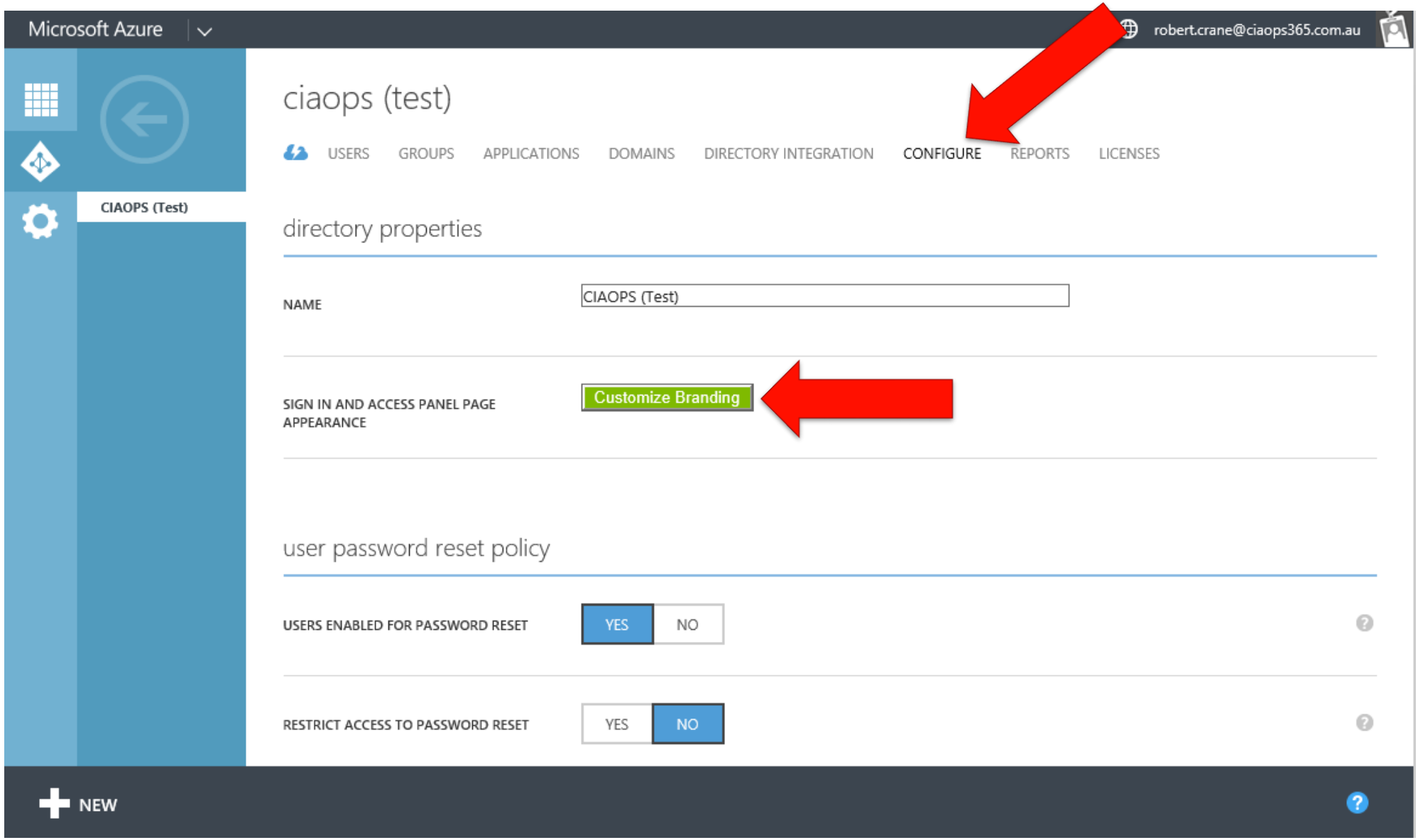
Logs

Microsoft Azure
Active Directory
Cloud App Discovery

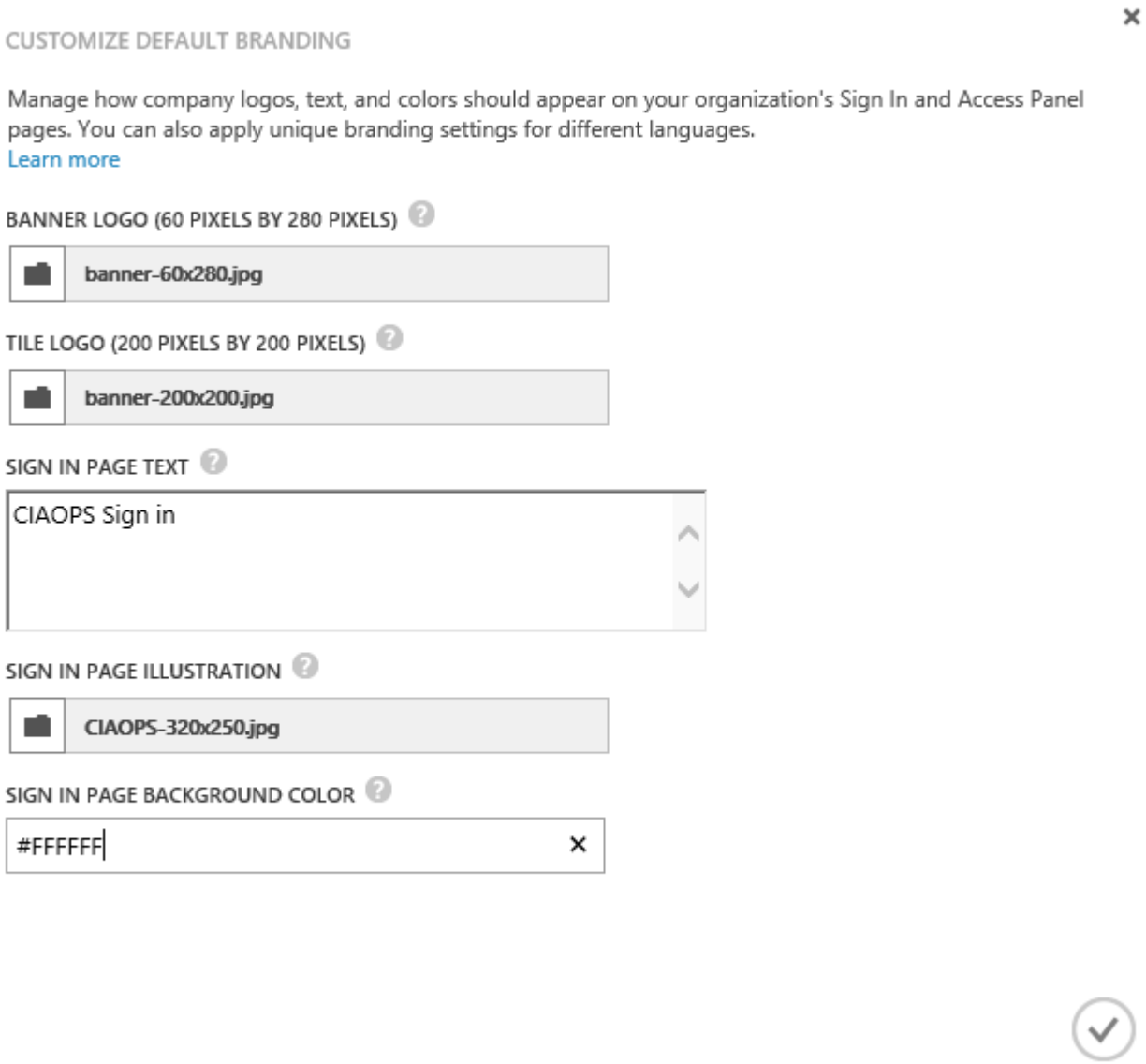


Azure AD Branding

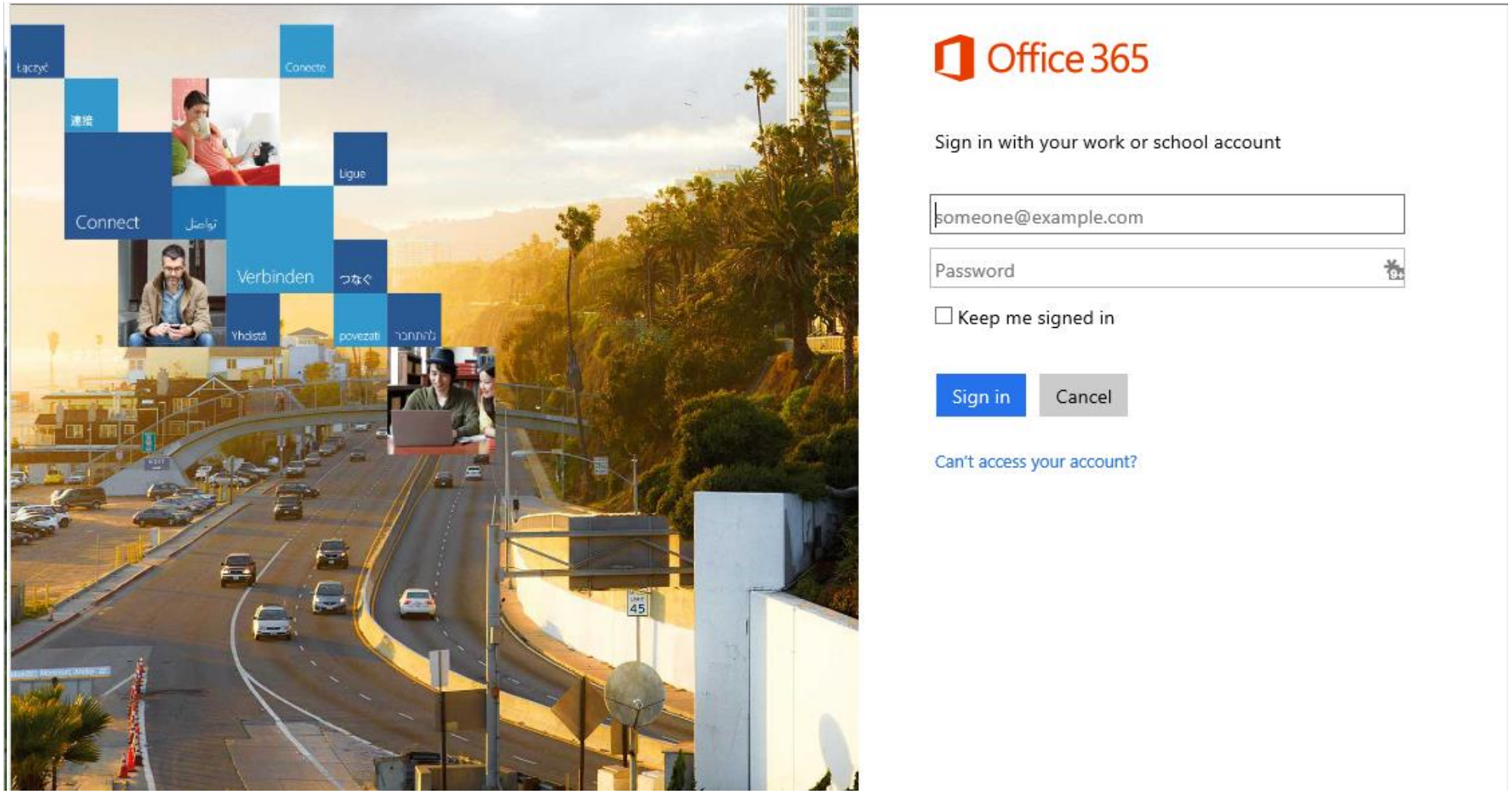
Branding


Microsoft Azure
robert.crane@ciaops365.com.au
CIAOPS (Test)
ciaops (test)
USERS
GROUPS
APPLICATIONS
DOMAINS
DIRECTORY INTEGRATION
CONFIGURE
REPORTS
LICENSES
directory properties
NAME
CIAOPS (Test)
SIGN IN AND ACCESS PANEL PAGE APPEARANCE
Customize Branding
user password reset policy
USERS ENABLED FOR PASSWORD RESET
YES
NO
RESTRICT ACCESS TO PASSWORD RESET
YES
NO
NEW

Branding


CUSTOMIZE DEFAULT BRANDING
Manage how company logos, text, and colors should appear on your organization's Sign In and Access Panel pages. You can also apply unique branding settings for different languages.
Learn more
BANNER LOGO (60 PIXELS BY 280 PIXELS)
banner-60x280.jpg
TILE LOGO (200 PIXELS BY 200 PIXELS)
banner-200x200.jpg
SIGN IN PAGE TEXT
CIAOPS Sign in
SIGN IN PAGE ILLUSTRATION
CIAOPS-320x250.jpg
SIGN IN PAGE BACKGROUND COLOR
#FFFFFF

Branding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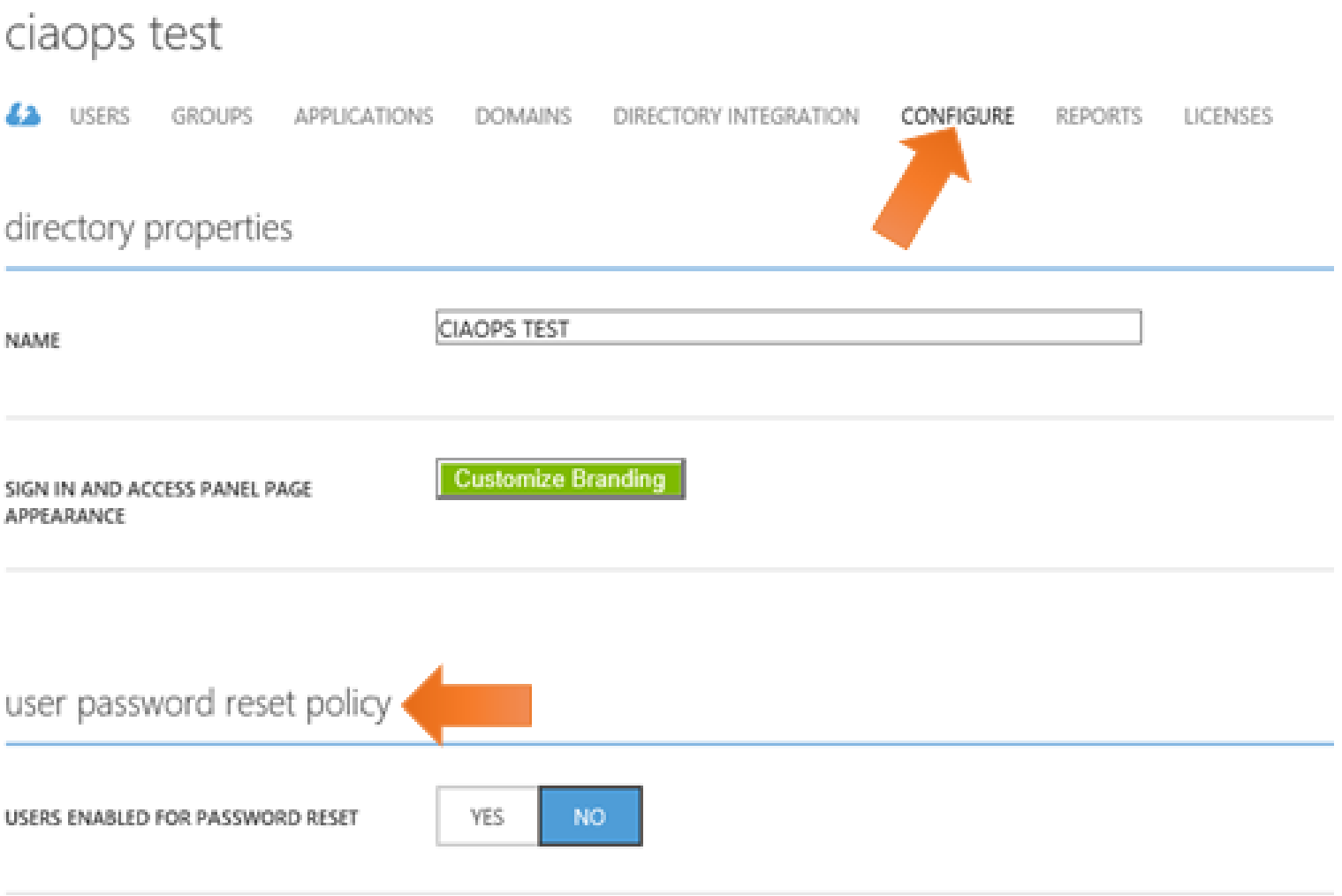
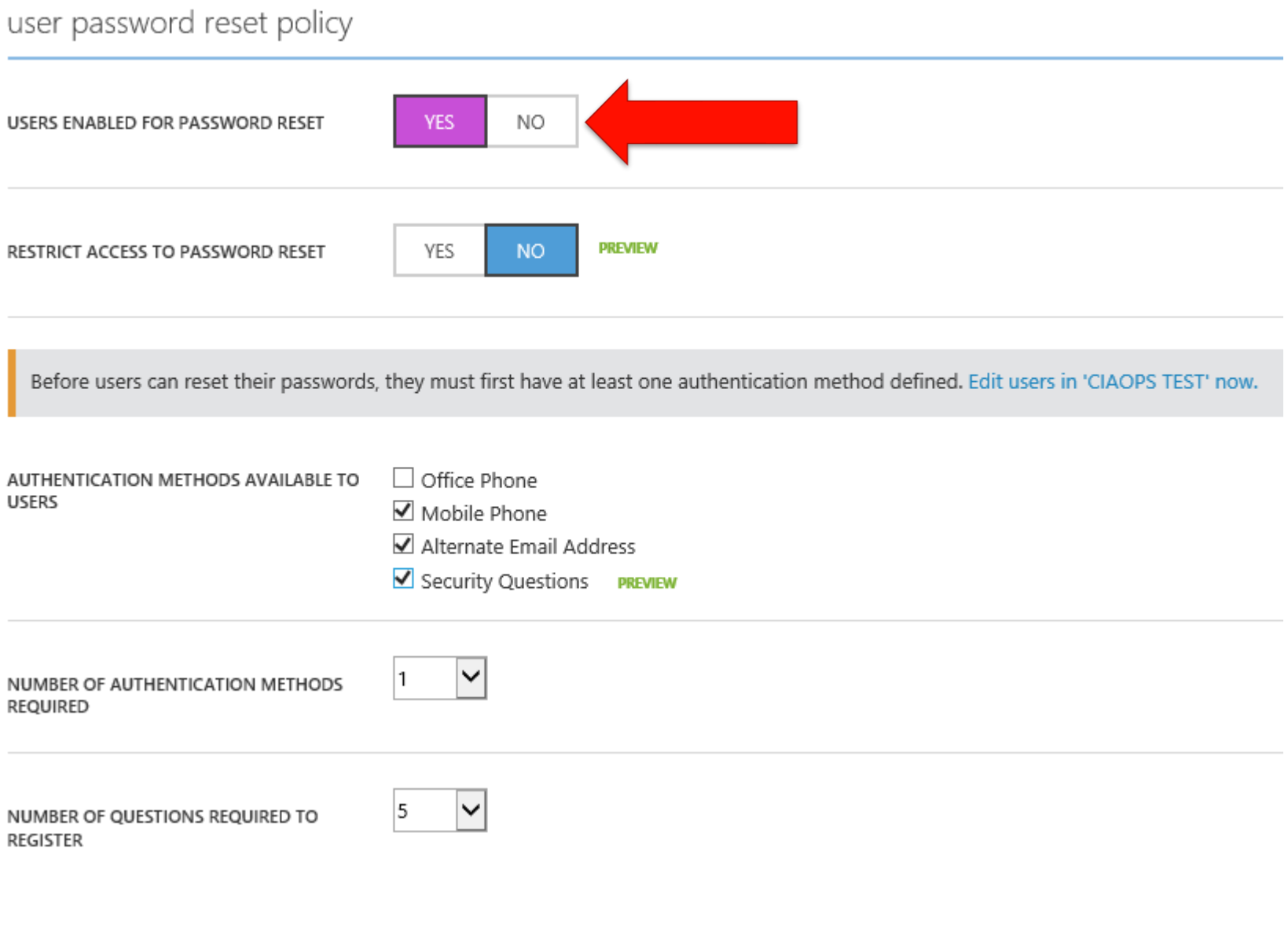
Conecte
連接
Ligue
Connect
تواصل
Verbinden
つなぐ
Yhdistä
povezati
התחבר
45
Office 365
Sign in with your work or school account
someone@example.com
Password
Keep me signed in
Sign in
Cancel
Can't access your account?

Azure AD Cloud User Password Reset Portal

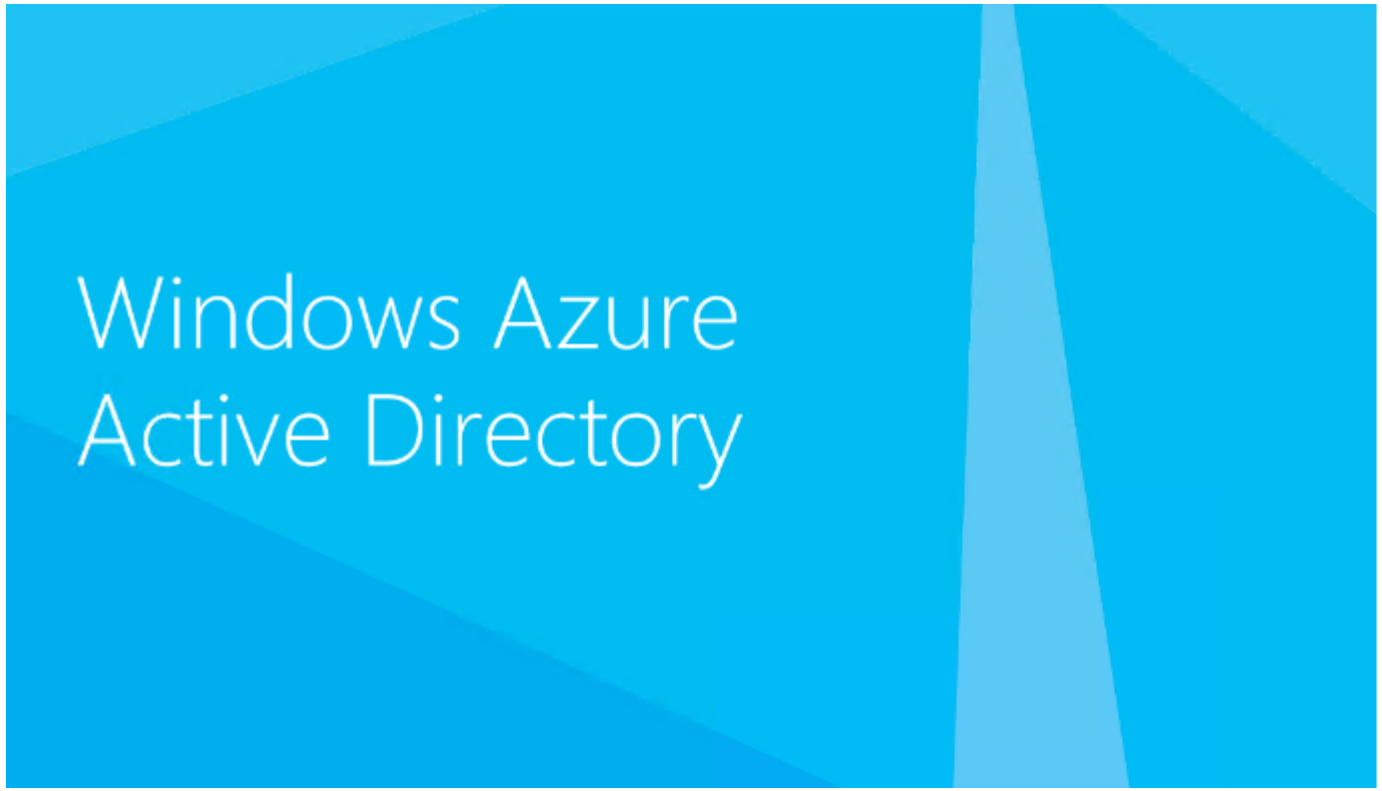
Password reset portal

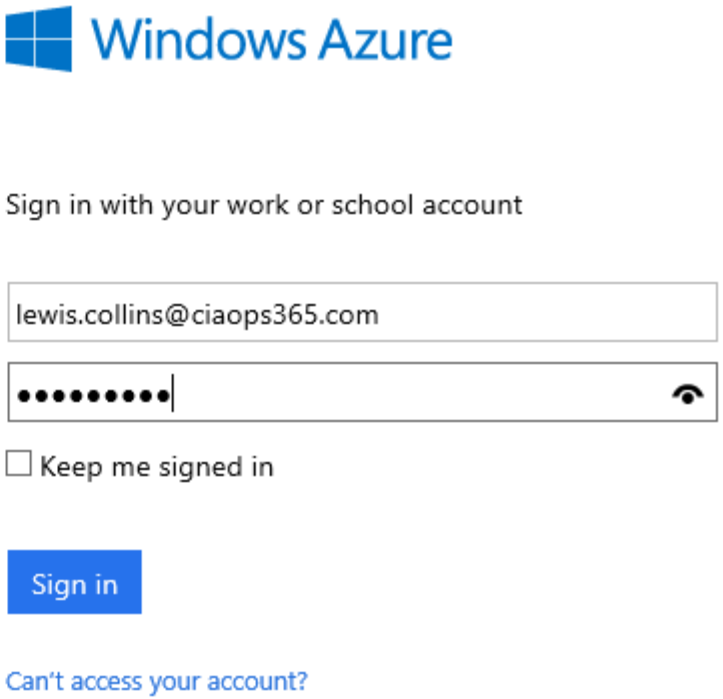


Password reset portal



My apps portal





http://myapps.microsoft.com

My apps portal

Your administrator has required you to verify your contact info. You can use this to reset your password if you ever lose access to your account.

verify now

My Apps portal

don't lose access to your account!

To make sure you can reset your password, we need to collect some info so we can verify who you are. We won't use this to spam you - just to keep your account more secure.

Authentication Phone is not configured. Set it up now

Authentication Email is not configured. Set it up now

Security Questions are not configured. Set them up now

finish cancel

Password reset

Office 365

Sign in with your work or school account

someone@example.com

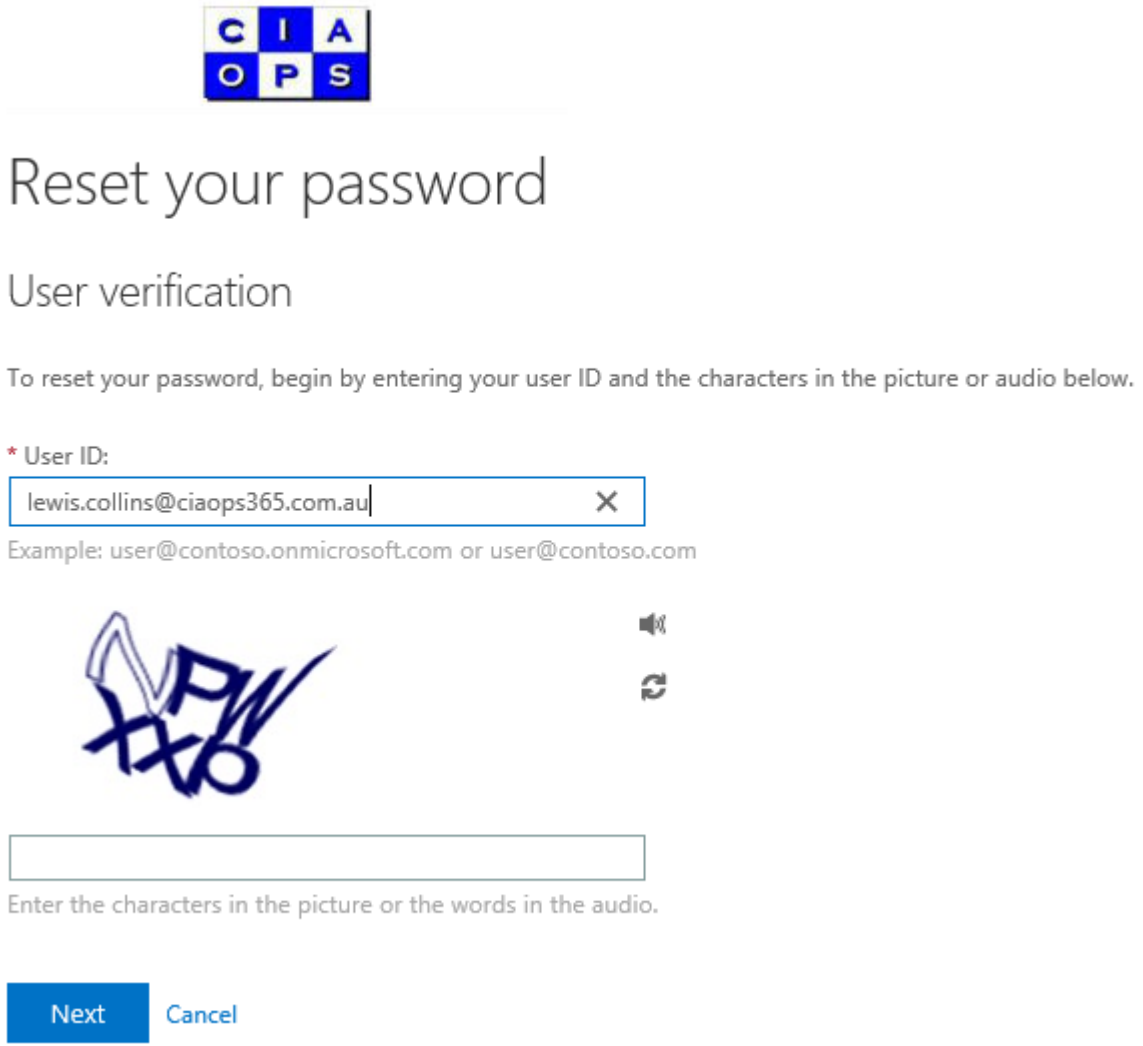
Password

Keep me signed in

Sign in | Cancel

Can't access your account?

Password reset



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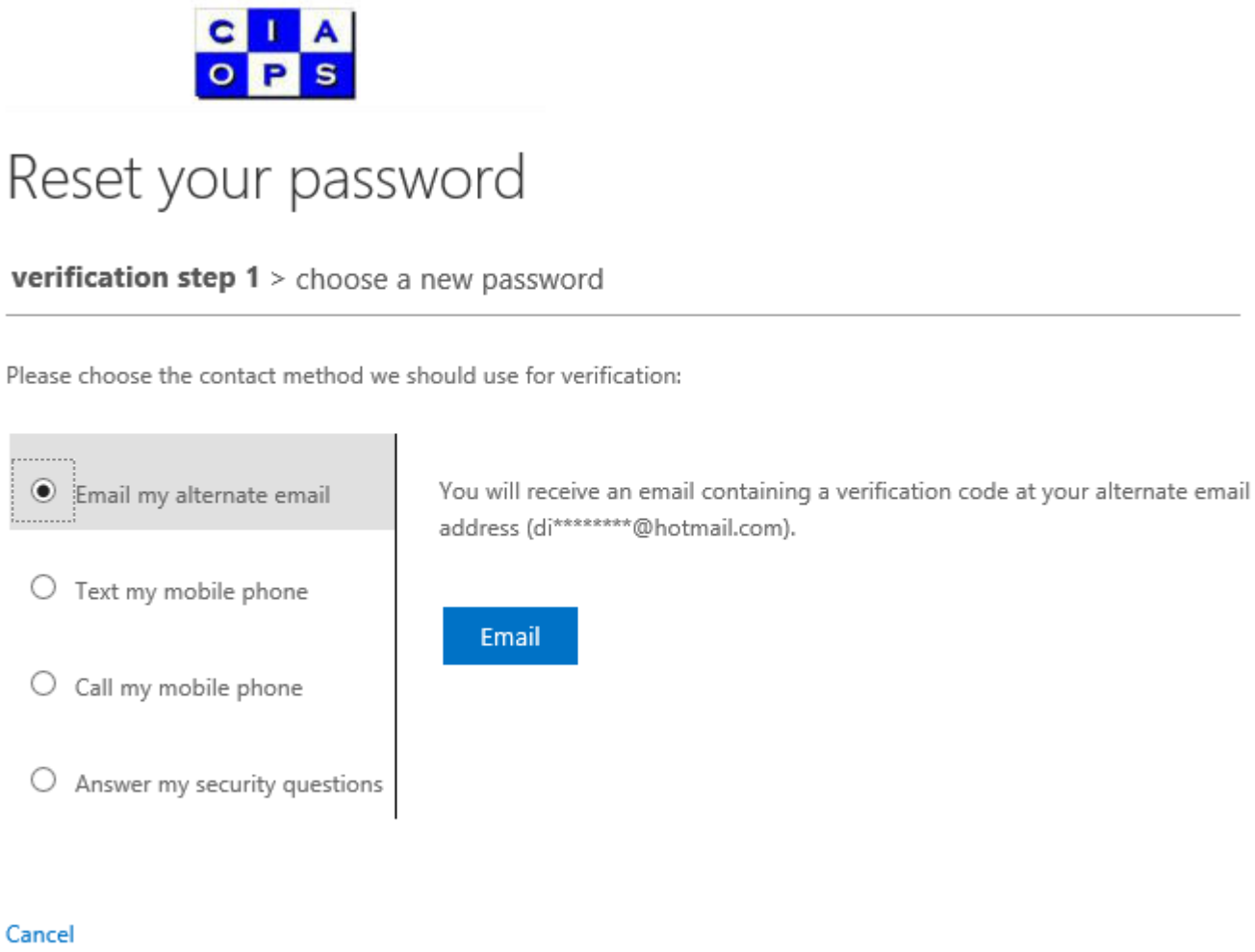

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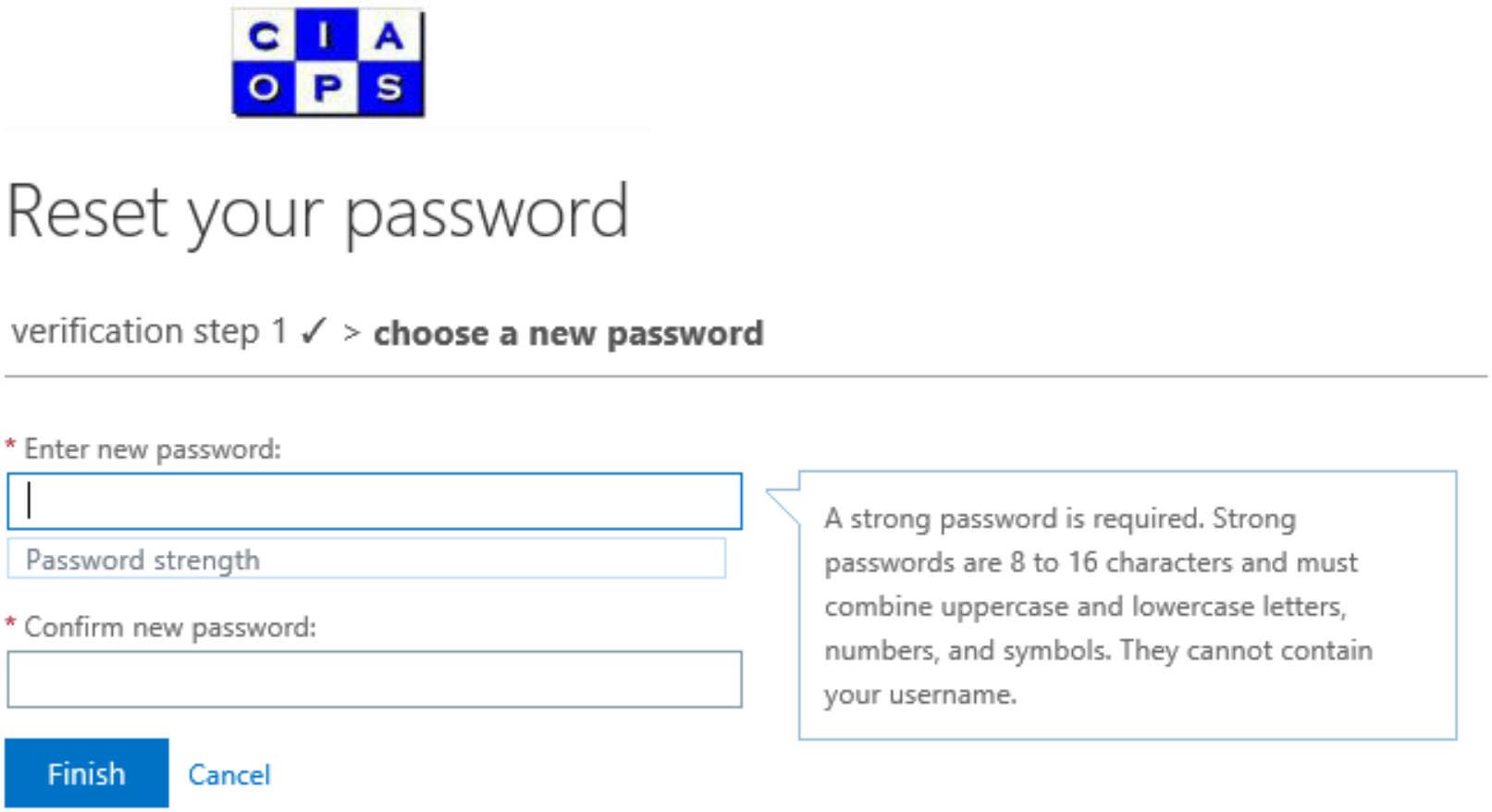

Password reset

References

What is Azure Active Directory

- http://azure.microsoft.com/en-us/documentation/articles/active-directory-whatis/

Azure Active Directory Editions

- https://msdn.microsoft.com/en-us/library/azure/dn532272.aspx

Azure AD Editions

- https://azure.microsoft.com/en-us/documentation/articles/active-directory-editions/

Azure AD features and capabilities

- http://www.microsoft.com/en-au/server-cloud/products/azure-active-directory/features.aspx

MSDN Channel 9 Azure videos

- http://channel9.msdn.com/Series/Windows-Azure-Active-Directory

Add company branding to your Sign In and Access Panel pages

- https://msdn.microsoft.com/en-us/library/azure/dn532270.aspx?f=255&MSPPError=-2147217396

QUESTIONS / FEEDBACK?

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