

AZURE SELF-HOSTED
POST INSTALLATION
GUIDE



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INTRODUCTION

This document describes how to complete your configuration of the self-hosted version of the CloudCheckr software after you have installed the application.

For information on how to install the application, see the document, **Azure Self-Hosted Installation Guide**. If you need help with installation, please contact support@cloudcheckr.com.

These final configuration steps include setup in CloudCheckr and in Microsoft Azure.



CLOUDCHECKR SETUP

Create Partner

1. Log into the self-hosted version.

The Partners page displays.

CloudCheckr											
		Partners					+ NEW PARTNER				
		ld Name	Email	Saa	S Custon	ner ID] Include children ♥				
			Fi	ilter							
ID	PARTNER NAME	EMAIL		CURRENT PLAN	USERS	SIGNUP TYPE	SAAS CUSTOMER ID	NOTES	AUDIT HISTORY	ACTIO	NS
1	SystemJobs			Paid	7	Standard		Edit	View	1	
2	CloudCheckr QA			Paid	59	Standard		Edit	View	1	C.
3	India QA			Paid Placeholder	47	Standard		Edit	View	10	

Partners are the top-level container within the application where you can generate and store multiple cloud accounts. In most cases, you only need to create one partner.

Note: Once you have logged in, change the password immediately.

2. Click + NEW PARTNER.

Partne	rs		~	+NEW PARTNER
Id	Name	Email	SaaS Customer ID	☐ Include children ♥
		Filter		



A dialog box opens.

Enter a name for your new partner. An email add	ess is only required if an initial user is added.
Partner Name	
Partner Email	
Initial User	
If you choose to add a user to the partner, you car the user will be required to set one on activation.	optionally set a password. If none is provided,
Add an initial user to the partner	
Password	
Allow user to create partners	
Resellers This partner will be created as your reseller, if sele his new partner to receive the billing information Settings > Resellers.	cted. To complete the required configuration for from your Detailed Billing Report (DBR), go to
This partner is a reseller	

- 3. In the Partner Name text field, type a **partner name**.
- 4. In the Partner Email text field, type an email address.
- 5. Click CREATE.

A message indicates that the partner was successfully added.

Success	
Successfully added partner.	
	ОК

- 6. Click OK.
- 7. Click **Filter** to refresh the partners list.

The new partner is now displayed in the partners list.



Configure Application Settings

Before you can use the self-hosted version, you must configure the application settings to ensure the self-hosted version has the same functionality as the SaaS version. You will complete the following actions on the Configuration page in the self-hosted version.

1. From the menu bar, select Settings > System > Configuration. The Application-wide Configuration page opens.

plication-wide Configurations	
ese configuration settings apply to all worker	s, web portal, and databases running for this CloudCheckr application.
SMTP Settings	
In order for CloudCheckr to send emails, y	you will need to configure the SMTP server, username, password, and other details that
CloudCheckr will use to send the outbour	nd emails.
Email Enabled	
SMTP Server	
SMTP Port 25	
SMTDUrer	
SMTP Password	Is set: 👗
SMTP Enable SSL	
SMTP Email Sender	
Internal Email Sender	
URL For CloudCheckr	
CloudCheckr generates URLs that may be	e delivered in emails or in various sections of the web portal.
In order for these links to work, you will ne	eed to set the initial part of the URL to let CloudCheckr know what hostname to use.
Use the URL: https://localhost	
Workers Count 5	
WOINEIS COUTE 3	

- 2. Configure the SMTP settings to enable the application to send emails to users. Emails may include activation emails for new users, alerts, and report data.
- 3. In the URL for CloudCheckr section:
 - a. Type the URL that will be shown on any application-generated emails.

Note: The default **localhost** designation displays the DNS for the EC2 instance that is hosting your version of the application. This URL is external-facing.

- b. In the Workers Count text field, type the number of workers.
- 4. In the Proxy section, type the proxy details.



Create Azure Accounts in CloudCheckr

To import your Azure data into CloudCheckr, you need to create Azure accounts in CloudCheckr.

1. From the top right of the Partners page, click the **NEW ACCOUNT** button.

≡	😪 Cloud C	Checkr			Evaluation Expires in 475 day	s Upgrade ★	* Ø 🏄 🌣
٩		×			NEW ACCOUNT	NEW MULTI-ACCOUNT VI	EW FIND AWS RESOURCE
AWS	AZURE	BOOKMARKS					
> MULT	I-ACCOUNT VIEW	VS					
	SHOW C	HILD ACCOUNTS	SHOW PAR	ENT ACCOUNTS	SHOW UNKNOWN A	CCOUNTS	COLUMNS
ACTION	IS ID≑	NAME 🗢	AZURE ID ♦	TYPE \$	CREATED DATE ≑	LAST UPDATED 🖨	CREDENTIALS \$
/ 0	1513	EA		EA (billing only)	3/30/2016	12/10/2018	A *
/ 0	1517	Inventory Demo Account		Subscription (with resources)	6/6/2016	12/10/2018	*
/ 0	1587	Map to Payer Account		Subscription (billing only)	3/17/2017	3/17/2017	*
/ 0	1638	CSP Demo Account		Cloud Solution Partner	7/6/2017	12/10/2018	×

The New Account screen displays.

Enter a nome for your Account		
	0/256	
Cloud Provider		
Select the cloud services provider		
Amazon Web Services *		
Navigation Visibility		
Select the sections you want users to see in this account	t. You can change these settings at any time.	
Recently Viewed		
if Savings		
M Best Practices		
W Cost		
inventory		
M Security		
W Utilization		
Automation		

- a. Type a name for your account. If needed, you can change the name later.
- b. From the Cloud Provider drop-down menu, select Microsoft Azure.
- c. Click Create.

The Configure Account page opens.

2. Click the drop-down arrow and select the type of Azure account you want to add.

The configuration steps that display on the page depend on the type of Azure account you selected.

3. Follow the instructions associated with your Azure account to complete the configuration in CloudCheckr.

Configure CSP Account

If you selected **Collect billing data from my Partner Center/CSP Account** from the drop-down menu, the Configure Account page displays the CSP instructions.

Configure Account show Help
I would like to: Collect billing data from my Partner Center / CSP Account V
CloudCheckr can access your billing / invoice data from your CSP / Partner account.
Enter the Azure Active Directory domain that is used to manage your Partner Portal users. Microsoft Azure Active Directory ID
 Create a Partner Portal user that will be used for CloudCheckr access. Ensure that you login once with the user to set the password. In order to read invoice data, this user must have Admin Agent and Billing Admin rights. Enter the user's login id:
User's Azure AD login id
6. Enter the user's password:
••••••
 7. In the Partner Portal App Management area, create a new Native App registration. 8. Enter the Native App's App ID: Application ID
9. Select the Azure Account Type: Commercial
Update

- 1. Provide the required information from the Microsoft Partner Center/Cloud Solution Provider (CSP) portal. See Azure Setup: Configure Partner Center (CSP) Cost Data for details.
 - Windows Azure Active Directory ID: the domain of the user's email address
 - User's Login ID: the user's email address
 - User's Password: the password you created in the Microsoft Partner Center/CSP portal
 - Native App ID: the App ID created in the Microsoft Partner Center/CSP portal
- 2. From the Azure Account Type drop-down menu, select **Commercial** or **Government**.
- 3. Click Update.



Configure EA Account

If you selected **Collect billing data from my Enterprise Agreement** from the drop-down menu, the Configure Account page displays the EA instructions.

1. Paste the enrollment number and access token that you obtained from the EA portal into the appropriate fields. See Configure

Enterprise Agreement (EA) Cost Data for details.

Configure Account show Help	
I would like to:	
Collect billing data from my Enterprise Agreement	
CloudCheckr can access your cost data if you have an Enterprise Agreement with Microsoft. For detailed instructions on accessing cost data through the EA Portal, visit our support page.	
1. To grant access to CloudCheckr to access this data, login to your EA Portal (for example https://ea.azure.com).	
2. Select 'Manage' from the left menu and locate the Enrollment Number.	
3. Enter the Enrollment Number here:	
4. Select Reports' from the left menu and then click Download Usage at the top.	
5. Select 'API Access Key' from the top menu, then expand the key you would like to use.	
6. Paste the access key here:	
7. Select the Azure Account Type: Commercial •	
Update	

- 2. From the Azure Account Type drop-down menu, select Commercial or Government.
- 3. Click Update.



Configure Subscription Account

If you selected **Collect resource information from my Azure subscription** from the drop-down menu, the Configure Account page displays the subscription instructions.

- 1. Provide the required information from the Azure portal. See Azure Setup: Configure Your Azure Subscription for details.
 - Directory ID
 - Application ID
 - Subscription ID
 - Secret Key

Iversel Collect resource information from my Azure subscription Collect resource information from my Azure subscription Collect resource information from my Azure subscription Collect resource information from my Azure subscription and navigate of the Directory set up with Microsoft. For detailed instructions on navigating Active Directory, visit our support page. 1 Sign in to the Azure portal and select Active Directory in the main toolbar, then navigate to the Properties tab. 2 Copy and paste the Directory ID 3 Navigate to the App Registrations tab and click Add in the top toolbar. 4. Enter these values: Mare: Sign-on URL https://coalhost/logon 5 Save, then select the newly created app named Cloudcheckr in the listing. 6 Copy and paste the Application ID here: Application TD 7. In the Settings menu, select Keys. Enter a description for a new key, select a duration, and then save. 8. Copy and paste the newly created keys value here: ••••••••••••••••••••••••••••••••••••	Configure Account show Help	☆
Collect resource information from my Azure subscription CloudCheckr can access your resources if you have an Azure Active Directory set up with Microsoft. For detailed instructions on navigating Active Directory, visit our <u>support page</u>. I sign in to the Azure portal and select Active Directory in the main toolbar, then navigate to the Properties tab. Copy and paste the Directory ID Navigate to the App Registrations tab and click Add in the top toolbar. Enter these values: Name: Cloudcheckr Application Type: Web app / API Sign on URL: https://localhost/logon Save, then select the newly created app named Cloudcheckr in the listing. Copy and paste the Application ID here: Application ID In the Settings menu, select Keys Enter a description for a new key, select a duration, and then save. Copy and paste the Newly created keys value here: In the main toolbar, select Subscriptions and navigate to the subscription you aim to use for this account. Copy and paste the Subscription ID here: Microsoft Azure Azure	I would like to:	
CloudCheckr can access your resources if you have an Azure Active Directory set up with Microsoft. For detailed instructions on navigating Active Directory, visit our <u>support page</u> . 1. Sign in to the Azure portal and select Active Directory in the main toolbar, then navigate to the Properties tab. 2. Copy and paste the Directory ID here: Microsoft Azure Active Directory ID 3. Navigate to the App Registrations tab and click Add in the top toolbar. 4. Enter these values: Name: Cloudcheckr Application Type: Web app / API Sign-on URL: https://localhost/logon 5. Save, then select the newly created app named Cloudcheckr in the listing. 6. Copy and paste the Application ID here: Application ID 7. In the Settings menu, select Keys. Enter a description for a new key, select a duration, and then save. 8. Copy and paste the newly created keys value here: ••••••••••••••••••••••••••••••••••••	Collect resource information from my Azure subscription •	
 1. Sign in to the Azure portal and select Active Directory in the main toolbar, then navigate to the Properties tab. 2. Copy and paste the Directory ID here: Microsoft Azure Active Directory ID 3. Navigate to the App Registrations tab and click Add in the top toolbar. 4. Enter these values: Name: Cloudcheckr Application Type: Web app / API Sign-on URL: https://localhost/logon 5. Save, then select the newly created app named Cloudcheckr in the listing. 6. Copy and paste the Application ID here: Application ID Y. In the Settings menu, select Keys. Enter a description for a new key, select a duration, and then save. 8. Copy and paste the newly created key's value here: In the main toolbar, select Subscriptions and navigate to the subscription you aim to use for this account. 10. Copy and paste the Subscription ID here: Microsoft Azure Subscription ID Microsoft Azure Subscription ID 	CloudCheckr can access your resources if you have an Azure Active Directory set up with Microsoft. For detailed instructions on navigating Active Directory, visit our support page.	
2. Copy and paste the Directory ID here: Microsoft Azure Active Directory ID 3. Navigate to the App Registrations tab and click Add in the top toolbar. 4. Enter these values: Name: Cloudcheckr Application Type: Web app / API Sign-on URL: https://localhost/logon 5. Save, then select the newly created app named Cloudcheckr in the listing. 6. Copy and paste the Application ID here: Application ID 7. In the Settings menu, select Keys. Enter a description for a new key, select a duration, and then save. 8. Copy and paste the newly created keys value here: 9. In the main toolbar, select Subscriptions and navigate to the subscription you aim to use for this account. 10. Copy and paste the Subscription ID here: Microsoft Azure Subscription ID	1. Sign in to the Azure portal and select Active Directory in the main toolbar, then navigate to the Properties tab.	
Microsoft Azure Active Directory ID 3. Navigate to the App Registrations tab and click Add in the top toolbar. 4. Enter these values: Name: Cloudcheckr Application Type: Web app / API Sign-on URL: https://localhost/logon 5. Save, then select the newly created app named Cloudcheckr in the listing. 6. Copy and paste the Application ID here: Application ID 7. In the Settings menu, select Keys. Enter a description for a new key, select a duration, and then save. 8. Copy and paste the newly created keys value here: 9. In the main toolbar, select Subscriptions and navigate to the subscription you aim to use for this account. 10. Copy and paste the Subscription ID here: Microsoft Azure Subscription ID	2. Copy and paste the Directory ID here:	
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Name: Cloudcheckr Application Type: Web app / API Sign-on URL: https://localhost/logon 5 Save, then select the newly created app named Cloudcheckr in the listing. 6 Copy and paste the Application ID here: Application ID Image: Copy and paste the newly created keys. Enter a description for a new key, select a duration, and then save. 8 Copy and paste the newly created keys value here: Image:	4. Enter these values.	
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Sign-on URL: https://localhost/logon 5. Save, then select the newly created app named Cloudcheckr in the listing. 6. Copy and paste the Application ID here: Application ID 7. In the Settings menu, select Keys. Enter a description for a new key, select a duration, and then save. 8. Copy and paste the newly created key's value here: ••••••••• ••••••••• 9. In the main toolbar, select Subscriptions and navigate to the subscription you aim to use for this account. 10. Copy and paste the Subscription ID here: Microsoft Azure Subscription ID	Application Type. Web app / API	
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	5. Save, then select the newly created app named Cloudcheckr in the listing.	
Application ID 7. In the Settings menu, select Keys. Enter a description for a new key, select a duration, and then save. 8. Copy and paste the newly created key's value here: ••••••••• ••••••••• ••••••••• •••••••• •••••••• •••••••• •••••••• ••••••• ••••••• •••••••• •••••••• •••••••• •••••••• •••••••• •••••••• •••••••• •••••••• ••••••••• ••••••••• ••••••••• ••••••••• ••••••••• ••••••••• ••••••••• •••••••••• •••••••••• •••••••••• •••••••••• ••••••••• •••••••••• ••••••••• ••••••••• ••••••••• •••••••••• •••••••••• ••••••••••• ••••••••••• •••••••••••••	6. Copy and paste the Application ID here:	
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8. Copy and paste the newly created key's value here:	7. In the Settings menu, select Keys. Enter a description for a new key, select a duration, and then save.	
Output Output	8. Copy and paste the newly created key's value here:	
9. In the main toolbar, select Subscriptions and navigate to the subscription you aim to use for this account. 10. Copy and paste the Subscription ID here: Microsoft Azure Subscription ID		
10. Copy and paste the Subscription ID here: Microsoft Azure Subscription ID	9. In the main toolbar, select Subscriptions and navigate to the subscription you aim to use for this account.	
Microsoft Azure Subscription ID	10. Copy and paste the Subscription ID here:	
	Microsoft Azure Subscription ID	

- 2. From the Azure Account Type drop-down menu, select **Commercial** or **Government**.
- 3. Click Update.



AZURE SETUP

Configure CSP Cost Data

CloudCheckr can import cost data from the Microsoft Partner Center/Cloud Solution Provider (CSP) portal. To import this data, you will need to create a **partner user** and **native application** in the Microsoft Partner Center/Cloud Solution Provider (CSP) portal. This procedure shows you how to log into the Microsoft Partner Center/CSP portal and create a user.

1. Log into the **Microsoft Partner Center**.

The Cloud Solution Provider page opens.

2. To sign into your Cloud Solution Partner account, go to the menu bar and click **Dashboard**.

Note: You can also click Sign in located on the right side of the screen.

3. Select your account, type your password, and click Sign in.

The Partner Center page opens.

	Partner Dashboard	loudCheckr, Inc.		م	¢	R	0	۲	٨
≡ csp		Welcome, CloudCheckr QA team	I						_
88	Overview	Current tasks							*
⊕ ₫	Sell Support Service health notifications Partner support requests	New! Partner contribution Want to know how you're doing compared to other partners? Partner contribution provides an objective and comprehensive view of your business efforts and impact on customers relative to other partners. Get Started!	New! Partner Center Analytics app for Power BI. Get a visual representation of your business data with Partner Center Analytics app for Power BI. Get Started!	Let us conner Customers n Let's get you you'il appear Learn more	ect you v leed exp Aicrosoft I connec r in custo	with cue ertise li t produ ted. Ad omer se	stomer: ke your cts and d your earches.	s! rs to help solutions. info, and	
E Å REF	Billing Partner contribution erRALS	Sell Azure Reserved VM Instances through CSP You can now offer significant savings to your customers when they reserve space on Azure virtual machines in advance. Learn about the one- and three-year plans that are available now. Learn More	Sell software subscriptions through CSP Offer customers big savings on predictable and persistent cloud workloads with Azure reserved instances bundled with Windows Server and SQL Server software subscriptions. Learn More						
		Billing Billing type Currency Account balance	Last payment						

4. From the right side of the screen, select **Settings > User Management**.

The User Management screen displays.

5. Click Add user.

User management			
Add, edit, or remove user accounts. Assig	n permissions.		×
Add user	Search		· ~
Name \downarrow	Email		Remove
cloudcheckr app	cloudcheckr@clo	udcheckrdev.onmicrosof	Remove
cloudcheckr demo	cloudcheckrdemo	@cloudcheckrdev.onmic	Remove

The Add user screen displays.



- 6. Type the name and email of the new user that you will use with your CloudCheckr account.
- 7. Under the Roles and permissions section:
 - Make sure that you select the Manages your organization's account checkbox and select Billing admin.
 - Make sure that you select the Assists your customers as checkbox and select Admin agent.
- 8. Click Add.
- 9. After you create a user, log into the Microsoft Partner Center with the temporary password of the new user to create a permanent password.

Note: You cannot use the temporary password to credential the CSP account in CloudCheckr.

- 10. On the Partner Center page, go to Account Settings and click App Management.
- 11. Scroll until you see the Native App section, and click Add new native app.

Account settings	1 year V The application	Add key secret keys are like passwords with	longer expiry. Please save in :	secure location for future use.	
	Duration	Created	Evoires on	Kav	
Partner billing profile					
Organization profile	1 year			•••••	Delete
Activity log	1 year				Delete
User management	1 year			•••••	Delete
App Management					
Integration sandbox	Native App	Register existing app Add n	ew native app		
Shared services	App name	Partner Center Native App Unregister			
Web storefront	App ID	many and and the set.]		
Test drive new features V			-		

- 12. Copy the App ID.
- 13. Save these required items to a safe location:
 - Windows Azure Active Directory ID: the domain of the user's email address
 - User's Login ID: the user's email address
 - User's Password: the password you created in the Microsoft Partner Center/Cloud Solution Provider (CSP) portal
 - Native App ID: the App ID created in the Microsoft Partner Center/Cloud Solution Provider (CSP) portal
- 14. Go to CloudCheckr Setup: Configure CSP Account.



Configure EA Cost Data

To enable CloudCheckr to report on cost data from your Azure EA account, you need to obtain an enrollment number and access token from

Azure. CloudCheckr uses these values to retrieve the billing data, which is required to populate your cost reports.

- 1. Log Into the Azure Enterprise Portal.
- 2. From the left side of the Enterprise Portal landing page, click Manage.
- 3. Copy and save the enrollment number.

-	Enrollment Department	Account Subscription		CloudCheckr Inc. 👗
and the second s	Enrollment Detail	\frown	Administrator	+ Add Administrator
	Enrollment Number		Email Auth Type Notification Frequency	Lifecycle Notific Read
manage	Company Name	CloudCheckr Inc.	aaron.gettings@cloudch Microsoft Account None	No No
-	Country	United States	aaron.klein@cloudcheckr Microsoft Account None	No No
Reports	Auth Level	Mixed Account 🖉	aaron.newman@cloudch Microsoft Account Daily	No No
· · · ·	Start/End Date	12/1/2017 - 11/30/2020	accounting@cloudcheck Microsoft Account Weekly	No No
	Billing Cycle	Quarterly	amanda.nock@cloudche Microsoft Account None	No No
Notification	Status	Active	« < 1 2 3 4 > »	
	Extended Term Option	Opted-In		
(\mathbf{r})	Support Level	Standard	Notification Contact	+ Add Contact
Help	Support Coverage	1/1/2018 - 11/30/2018	1 None	
	Azure Marketplace	Enabled 🙎		
	DA view charges	Enabled 🙎		
	AO view charges	Enabled 🙎		
	Add Reserved Instances	Enabled 🙎		
	Cloud	Azure Commercial		
	See related accounts			

4. Click the **Reports** menu.



5. Click the Download Usage link.





6. On the Download Usage page, click the **API Access Key** option.

Usage Summary Download Usage Price Sheet Monthly Report Download Advanced Report Down	Power BI Reporting			CloudCheckr Inc.
Month	Balance And Charge	Usage Detail	Marketplace Charges	Price Sheet
Sep 2018 (Current 9/7/2018)	Download	Download		Download
Aug 2018	Download	Download	Download	Download
Jul 2018	Download	Download	Download	Download
Jun 2018	Download	Download	Download	Download
May 2018	Download	Download	Download	Download
Apr 2018	Download	Download	Download	Download
Mar 2018	Download	Download	Download	Download
Feb 2018	Download	Download	Download	Download
Jan 2018	Download	Download		Download

Azure generates a primary key and, in some cases, a secondary key.

You can use the primary key or the secondary key as your token in CloudCheckr.

Usage Summary	Download Usage Price Sł	neet Power BI Reporting	g	
Monthly Report	Download Advanced Report	Download API Access k	Key	
Enrollment Acce	iss Kove			
Enronment Acce	ss keys			
Primary Key:		(William College (Coll)	🔽 expand key 📌 regenerate	🗙 revoke
Effective Date:	7/5/2018 - 1/5/2019		/	
Secondary Key:		(Mining) a College and Mill		
Effective Date:	N/A			

- 7. Copy and save the selected key.
- 8. Go to CloudCheckr Setup: Configure EA Account.

Configure Azure Subscriptions

Note: After you create the Directory ID, Application ID, Subscription ID, and secret key, please copy these values to a desired file type, such as CSV, and save the file to a safe location. You will need them to configure your subscription in CloudCheckr.

1. Log into your Azure portal.

Note: The link you chose depends on your subscription type:

- <u>commercial subscriptions</u>
- government subscriptions



2. From the selected Azure portal, select the directory that contains the subscription you want to scan.



- 3. Open the Azure Active Directory management panel.
- 4. Select Properties.
- 5. Find the **Directory ID** and save it.

Search (Ctrl+/)	* Name
Overview	Country or region
💅 Quick start	Datacenter region
MANAGE	United States
۶ ^۹ Users and groups	Notification language
Enterprise applications	Global admin can manage Azure Subscriptions
App registrations	Yes No
🚸 Azure AD Connect	Directory ID
🔁 Domain names	ACCORDING ACCOUNT OF THE REAL
📍 Password reset	
Company branding	
User settings	
11 Properties	

6. Select **App Registrations** and click **Add** to create a new app registration.

App registrations Azure Active Directory - PREVIEW	+ Add 🗄 Endpoints		* _ 🗆 ×
	To view and manage your registrations	or converged applications, please visit the	Microsoft
Overview	Search by name or Appld	All app	os 🗸
🥳 Quick start	DISPLAY NAME	APPLICATION TYPE APPLICATION ID	
MANAGE	CL CloudCheckr_QA	Web app / API	48-c7948.
x ^R Users and groups	CL CloudCheckr	Web app / API	an 100 miles

- 7. Type a name for the application. (For example: CloudCheckr Service).
- 8. From the Application Type drop-down menu, select Web app /API.



9. In the Sign-on URL text field, type https://localhost.



- 10. Click Create. When you are back on the App Registration screen, find the Application ID and save it.
- 11. Select the new registration and from the menu, select Keys.
- 12. Type a name, select a duration, and click Save.

Keys PREVIEW R Save X Discard		
DESCRIPTION EXPIRES	VALUE	
No results.		
Key description Duration	Value will be displayed on save]

Azure creates a new key and displays the key value in the third text field.

- 13. Save the new key immediately since you will not be able to view it again. You will now have three values: Directory ID, Application ID, and the secret key.
- 14. Open the Subscription management panel.
- 15. Select the subscription that CloudCheckr will monitor. Find the subscription ID and save it.
- 16. With the subscription selected from the subscription management panel, select Access Control (IAM).

Search (Ctrl+/)
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Access control (IAM)
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- 17. Click Add to add the new service account.
- 18. Select the Reader role and then add the new service account as the user. You may need to search for the account if it is not listed.
- 19. Save the change.

The CloudCheckr service account should now be on the list with reader access.

20. Go to CloudCheckr Setup: Configure Subscription Accounts.



Learn more about the CloudCheckr Cloud Management Platform at <u>www.cloudcheckr.com</u>.

