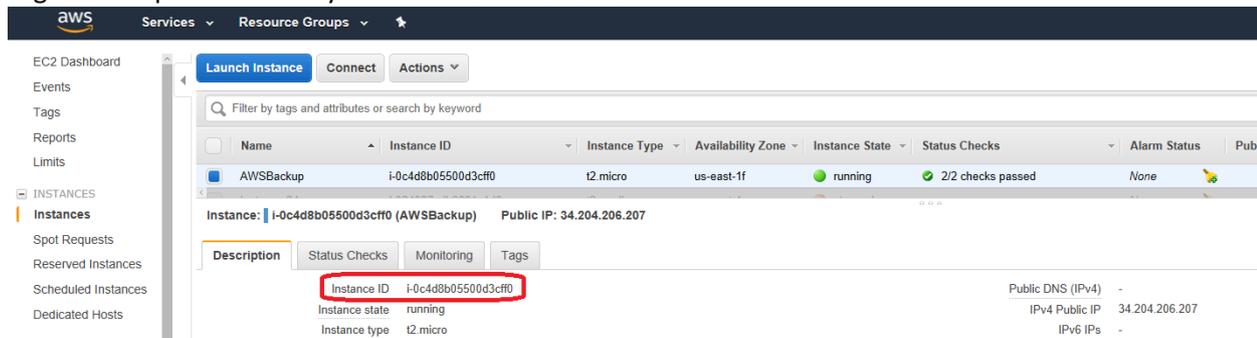


Cloud Daddy Secure Backup – Quick Start Guide

Welcome to Cloud Daddy Secure Backup. This quick start guide will walk you through the configuration and registration process and get you up and running.

Cloud Daddy Secure Backup is installed using a 5 step process. After launching the Cloud Daddy Secure Backup AWS instance, please use the AWS Management Console to obtain the public IP address of the new instance as well as the Instance ID since it will be used during the registration process when you first access the server.



Use the IP address provided within the AWS Management Console to connect to the Cloud Daddy Secure Backup server using the HTTPS protocol in your browser (<https://xxx.xxx.xxx.xxx>).

The registration process will commence. In the first step of the registration, please enter the Cloud Daddy Instance ID provided within the AWS Management Console for the server and check the box after you've read and accepted the license agreement and click next.



REGISTRATION

To proceed, please type the Cloud Daddy instance ID

STEP 1

Cloud Daddy Instance ID:

I have read and accept the [licence agreement](#)

 **Cloud Daddy Secure Backup**

REGISTRATION

Please specify root administrator credentials

STEP 1	User name:	<input type="text"/>
STEP 2	Password:	<input type="password"/>
STEP 3	Password (again):	<input type="password"/>
STEP 4		

< BACKNEXT >

In step 2 please enter a valid user name. This user name will be used as a login to the Cloud Daddy Secure Backup application. Provide a password, confirm it and click next.

 **Cloud Daddy Secure Backup**

REGISTRATION

Define a time zone and data volume parameters

STEP 1	UTC offset:	<input type="text" value="UTC+03:00"/>
STEP 2	Data volume:	<input type="text"/>
STEP 3	Capacity:	<input type="text"/>
STEP 4		

< BACKNEXT >

In step 3 select the time zone and volume parameters if desired and click next. Data volume ID is used for upgrade process, not for initial installation. Disk capacity is 10 Gb by default and can be changed.

Cloud Daddy Secure Backup

REGISTRATION

Define SSL certificate

STEP 1

SSL Certificate:

Choose File

No file chosen

STEP 2

SSL Certificate Password:

STEP 3

STEP 4

< BACK

FINISH

In step 4 select the SSL parameters and click finish. When the Cloud Daddy Secure Backup server boots for the first time, it will automatically create a self-signed SSL certificate. Since the certificate is unique for this server, it is safe and recommended to use during the registration process. However, you can also use your own certificate if you desire and have it available.

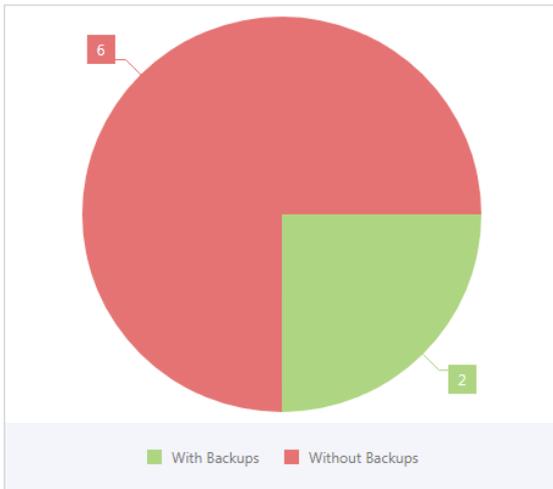
*Note: In the BYOL (Bring Your Own License) edition of Cloud Daddy Secure Backup, it's a 5 step process where the final step requires you to provide contact information for registration and license purposes.

Welcome to Cloud Daddy Secure Backup!

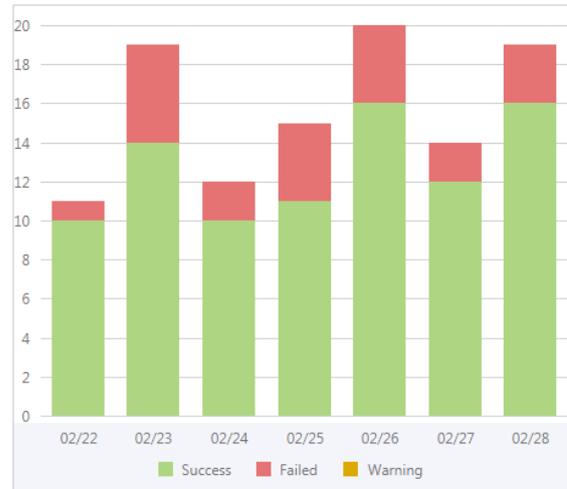
Cloud Daddy Secure Backup

Cloud Daddy Secure Backup provides a single pane of glass dashboard demonstrating Protected/Unprotected instances, backup job statuses within the last week and a detailed list of log events. This dashboard dives immediately into understanding situational status within the system.

Protected Instances



Jobs Status



Latest Log Events

Account: Type: From: To:

<input type="checkbox"/>	STATUS	TIME	ACCOUNT	JOB	OBJECT	TEXT
<input type="checkbox"/>	Info	Feb 28, 2018 04:25:54 PM	aws	Windows Instance 5 backup	vol-043c24217b3e625e4	completed
<input type="checkbox"/>	Info	Feb 28, 2018 03:25:49 PM	aws	Windows Instance 5 backup	vol-043c24217b3e625e4	completed
<input type="checkbox"/>	Info	Feb 28, 2018 01:31:54 PM	aws	Ubuntu instance backup	vol-0e07352c94b2ab918	completed

The main object within the backup and disaster recovery subsystem is a job. A job can be run periodically and it creates backups according to the predefined schedule.

To create a job, navigate to the Jobs tab and press the button Create Job +. The job wizard will display.

Specify job name, tenant (Administrator by default) and job description. As an example, we'll create a job that will run every night at 3:00 AM.

NEW BACKUP JOB
✕

Specify name and description for job

NAME

OBJECTS

SCHEDULE

REPLICATION

SCRIPTS

OTHER SETTINGS

SUMMARY

Job Name:

Tenant:

Description:

NEXT >
FINISH
CANCEL

Next, select the objects you need to back up. Let's select one Windows and one Linux instance. Every job can contain any number of objects of different types, including instances, volumes, RDS databases, Aurora and Redshift clusters.

ADD INSTANCE
✕

Region:
Account:

	NAME	INSTANCE ID	AMI ID	ROOT DEVICE	TYPE	STATUS	JOBS
<input checked="" type="checkbox"/>	Linux	i-04727d209f0019187	ami-43a15f3e	/dev/sda1	t2.micro	running	5
<input checked="" type="checkbox"/>	Windows	i-0baaf8f6fcf7bc1cc	ami-e0b10f9f	/dev/sda1	t2.micro	running	7
<input type="checkbox"/>	Windows	i-065145083ecb88212	ami-838b53fc	/dev/sda1	t2.micro	running	4

<
1
>

ADD +
CANCEL

As an alternative to adding objects to the job explicitly, you can provide conditions using tags. Tags allow you to create simple labels, making it easier to search, manage and filter resources based on the purpose, environment or other criteria you designate and easily recognize. In this case for example, let's add all objects that have Department = Marketing and OS = Windows to this job. This makes it very convenient since object tags are scanned every time when the job is running. So, if you add a new instance with the proper tags after the job is created, it will be added to the job automatically.

NEW BACKUP JOB
✕

Select objects to process

NAME

OBJECTS

SCHEDULE

REPLICATION

SCRIPTS

OTHER SETTINGS

SUMMARY

INSTANCES
VOLUMES
RDS DATABASES
AURORA CLUSTERS
REDSHIFT CLUSTERS
TAGS

ADD +

<input type="checkbox"/>	KEY	VALUE
<input type="checkbox"/>	Department	Marketing
<input type="checkbox"/>	OS	Windows

< 1 >

< BACK
NEXT >
FINISH
CANCEL

At the next step, specify job scheduling options. We need to select 'Run job' every day at 3:00 AM.

NEW BACKUP JOB
✕

Specify the job scheduling options

NAME

OBJECTS

SCHEDULE

REPLICATION

OTHER SETTINGS

SUMMARY

Run job immediately

Delayed run at

Recurrent job

Schedule: Create new ▼ Schedule name: Nightly 3AM

Periodically every ▼ Hours ▼

Daily every ▼ Everyday ▼ DAYS

Monthly every ▼ This day ▼ ▼ MONTHS

< BACK
NEXT >
FINISH
CANCEL

You can create any schedule you want by selecting exact days of the week, work days, days of the month and so on.

You can add PowerShell or Shell scripts to run before your backup starts, during your backup or even after it completes. In this example, we'll just click next.

NEW BACKUP JOB
✕

Select scripts to be executed

NAME

OBJECTS

SCHEDULE

REPLICATION

SCRIPTS

OTHER SETTINGS

SUMMARY

ADD SCRIPT +
▲
▼

	ORDER	TYPE	NAME	PARAMETERS
No data				

< BACK
NEXT >
FINISH
CANCEL

Set retention policy in order not to take extra space with backups. Let's keep 10 restore points. If we enable application consistent backups, it means that Windows instances will be backed up using Volume Shadow Copy Service, VSS-snapshot creation.

NEW BACKUP JOB
✕

Define job retention policy and other additional settings

NAME

OBJECTS

SCHEDULE

REPLICATION

SCRIPTS

OTHER SETTINGS

SUMMARY

RETENTION POLICY

Restore points to keep: 10

Remove backups older than: 14 days ▼

APPLICATION CONSISTENT

Enabled (Windows instances only)

< BACK
NEXT >
FINISH
CANCEL

Finally, at the next step we need to review the job summary and run the job by pressing Finish button.

NEW BACKUP JOB
✕

Review job settings and press Finish to run job

NAME

OBJECTS

SCHEDULE

REPLICATION

SCRIPTS

OTHER SETTINGS

SUMMARY

Job Name: Nightly backups

Description: Run at 3:00 AM.

Job Type: Backup/Replication

Selected Objects: Windows
Linux

← BACK
FINISH
CANCEL →

The job status will be changed in a few seconds to Running and you can see that backup is also being created in the Backups tab.

AWS Backup

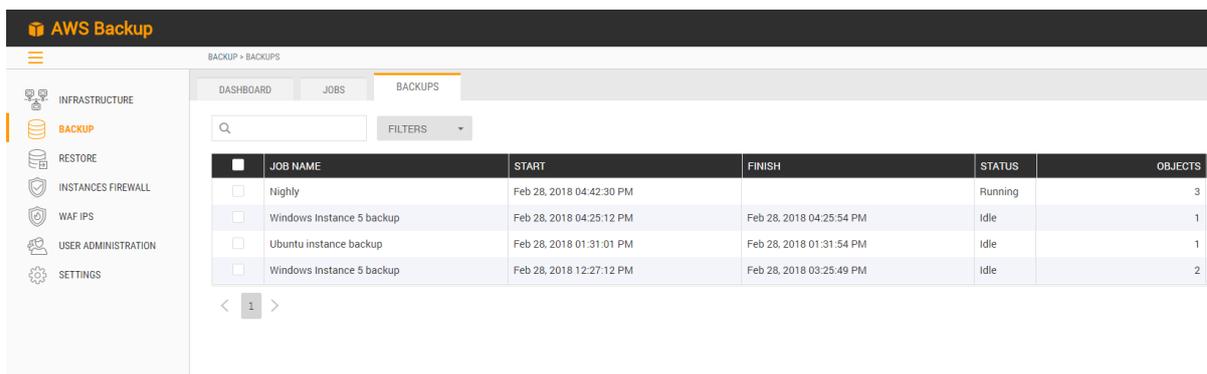
BACKUP > JOBS

DASHBOARD
JOBS
BACKUPS

CREATE JOB +

<input type="checkbox"/>	NAME	TYPE	OBJECTS IN JOB	LAST RUN	STATUS
<input type="checkbox"/>	Nightly	Backup and Replication	2	Feb 28, 2018 04:42:29 PM	Running
<input type="checkbox"/>	Windows Instance 5 backup	Backup	1	Feb 28, 2018 04:25:11 PM	Idle
<input type="checkbox"/>	Ubuntu instance backup	Backup	1	Feb 28, 2018 01:31:01 PM	Idle

< 1 >



The screenshot shows the AWS Backup console interface. On the left is a navigation menu with options: INFRASTRUCTURE, BACKUP (highlighted), RESTORE, INSTANCES FIREWALL, WAF IPS, USER ADMINISTRATION, and SETTINGS. The main content area is titled 'BACKUP - BACKUPS' and contains a 'BACKUPS' tab. Below the tab is a search bar and a 'FILTERS' dropdown. A table lists backup jobs with columns for Job Name, Start, Finish, Status, and Objects. The table contains four rows of data.

<input type="checkbox"/>	JOB NAME	START	FINISH	STATUS	OBJECTS
<input type="checkbox"/>	Nightly	Feb 28, 2018 04:42:30 PM		Running	3
<input type="checkbox"/>	Windows Instance 5 backup	Feb 28, 2018 04:25:12 PM	Feb 28, 2018 04:25:54 PM	Idle	1
<input type="checkbox"/>	Ubuntu instance backup	Feb 28, 2018 01:31:01 PM	Feb 28, 2018 01:31:54 PM	Idle	1
<input type="checkbox"/>	Windows Instance 5 backup	Feb 28, 2018 12:27:12 PM	Feb 28, 2018 03:25:49 PM	Idle	2

Once the backup job completes, you will see the status change to “Success” in the Backups tab. Since the backup job completed successfully, it means that you can restore objects from this backup in the future.

Please consult the User Guide for more detailed information regarding Cloud Daddy Secure Backup. <https://www.clouddaddy.com/documentation/userguide.pdf>