

PostgreSQL Automatic Backups

You can automatically backup the Inception PostgreSQL database using a combination of a backup script, a PostgreSQL user, and a scheduled task.

Backup Script

The backup script that you create for you Inception Server contains the commands to backup the Inception PostgreSQL database.

To create a PostgreSQL backup script for your Inception Server

1. Log in to the Inception Server computer as Inception.
2. Open the `C:\Program Files\PostgreSQL\9.3` folder.
3. Use a text editor to create a file named `pgbackup-<dest>.bat`, where `<dest>` identifies the backup destination. For example: `loc` to identify local backups and `net` to identify backups destined for a network share.
4. Add the following lines to the file:

```
@echo off
set PGPASSWORD=pgBackup
set BACKUP_FILE=postgresdb.backup
"C:\Program Files\PostgreSQL\9.3\bin\pg_dump" -I -h localhost -p 5432 -U pgbackup -F c
-b -v -f <path>\%BACKUP_FILE% <db>
```

The variables contained in the PostgreSQL database backup command (`pg_dump`) are as follows:

- `PGPASSWORD` — to change the password for the `pgbackup` PostgreSQL user, modify the password `pgBackup` in the line `set PGPASSWORD=pgBackup` as required.
 - `BACKUP_FILE` — to change the name of the backup file, modify the backup up filename `postgresdb.backup` in the line `set BACKUP_FILE=postgresdb.backup` as required.
 - `<path>` — this variable gets replaced by the location to store the backups and the name of the backup. The backup storage location can be a local destination (for example: `E:\backups`) or a network location (for example: `\\Storage\backups`).
 - `<db>` — this variable gets replaced by the name of the database to back up.
5. Save the file.

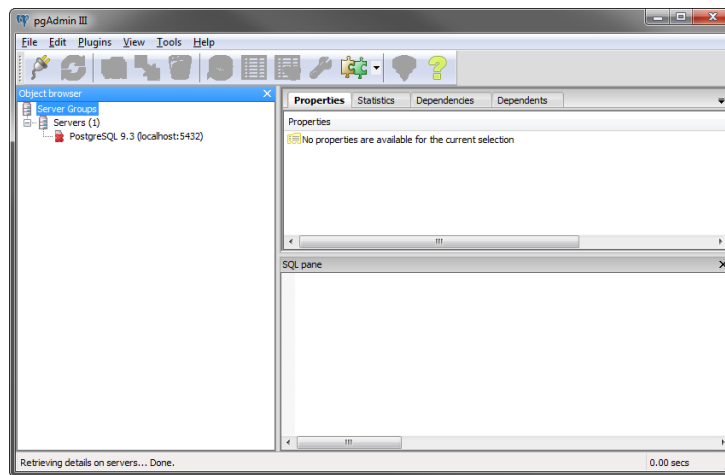
Backup User

The automatic backup procedure requires a PostgreSQL user named `pgbackup` to create a backup of the Inception PostgreSQL database.

To create the `pgbackup` PostgreSQL user to backup the Inception database

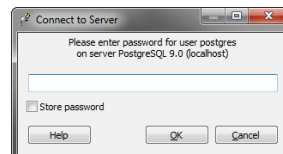
1. From the Windows Desktop, use the Start menu to select All Programs > PostgreSQL 9.3 > pgAdmin III.

The pgAdmin III window opens.



2. In the Object Browser tree view, right-click the PostgreSQL 9.3 (localhost:5432) server and select Connect from the shortcut menu.

The Connect to Server dialog box opens.



3. In the Password box, type the following password:

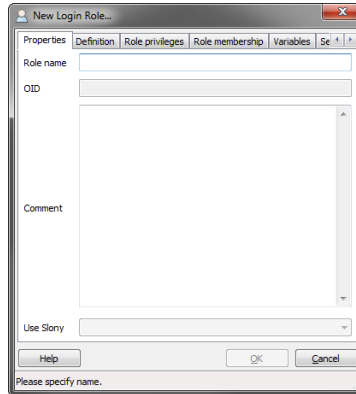
`postgres`

If the password of `postgres` did not meet the password security requirements set by your organization, enter the custom password set during installation of the Inception Server software on the Inception computer.

4. Click OK.

5. Right-click the PostgreSQL 9.3 (localhost:5432) server and select New Object > New Login Role from the shortcut menu.

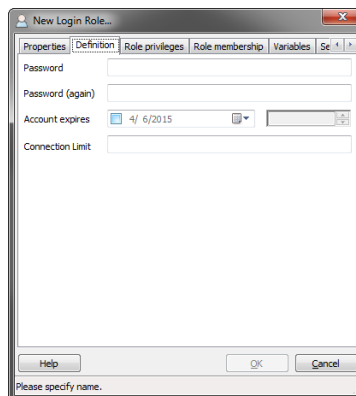
The New Login Role dialog box opens.



6. In the Role name box, enter `pgbackup`.

7. Click the Definition tab.

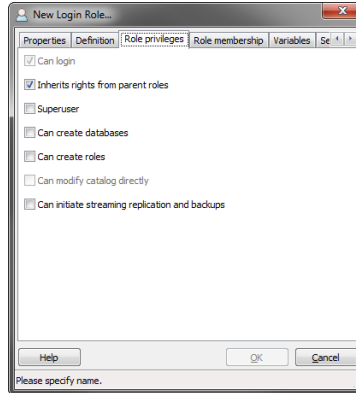
The Definition tab opens.



8. In the Password box, enter `pgBackup`.

9. In the Password (again) box, enter `pgBackup`.

10. Click the Role privileges tab.
The Role privileges tab opens.



11. In the Role privileges tab, select the following options
 - Inherits rights from parent roles
 - Superuser
 - Can initiate streaming replication and backups
12. Click OK.
The New Login Role dialog box closes.
13. In the pgAdmin III window, use the File menu to select Exit.
The pgAdmin III window closes.

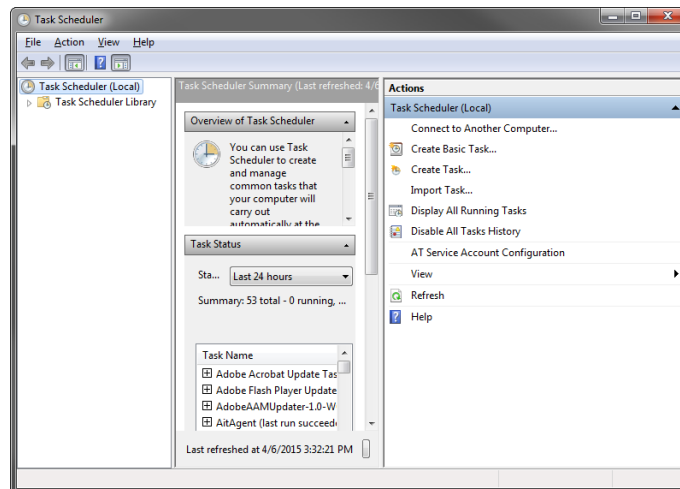
Scheduled Task

The scheduled task set the time and frequency to backup the Inception PostgreSQL database.

To create a scheduled task to backup the Inception PostgreSQL database

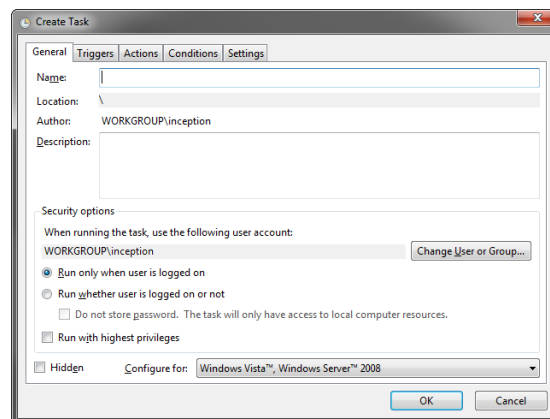
1. From the Windows Desktop, use the Start menu to select All Programs > Accessories > System Tools > Task Scheduler.

The Task Scheduler window opens.



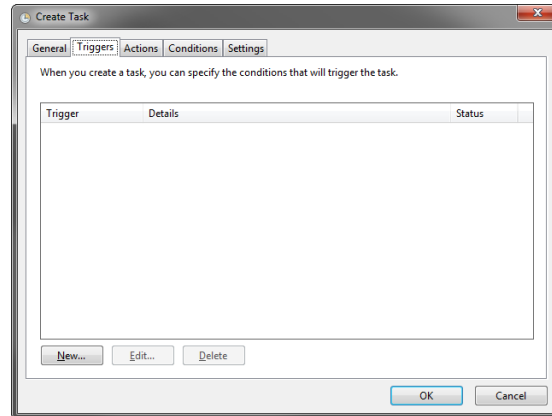
2. Use the Actions menu to select Create Task.

The Create Task dialog box opens.

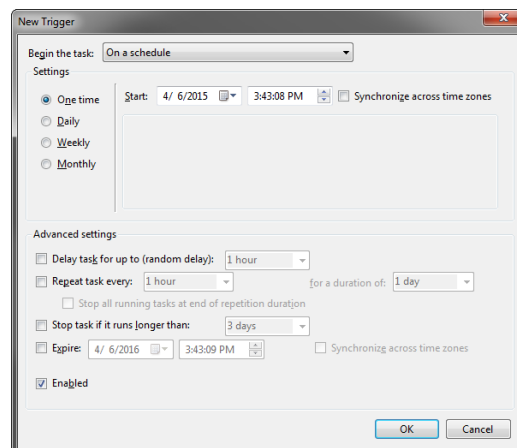


3. In the Name box, enter Inception Backup.
4. In the Security options section, select the Run whether user is logged on or not option.

- Click the Triggers tab.
The Triggers tab opens.



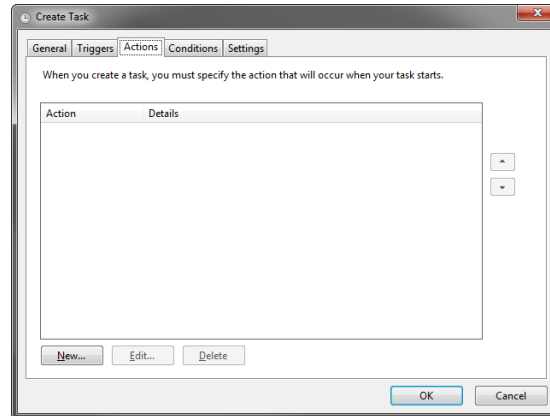
- Click New.
The New Triggers dialog box opens.



- In the Settings section, select the Daily option.
- Use the Start boxes to set the date and time for the first automatic backup of the Inception PostgreSQL database.
- In the Recur every box, enter the number of days for the recurrence interval.
- Click OK.
The New Trigger dialog box closes.

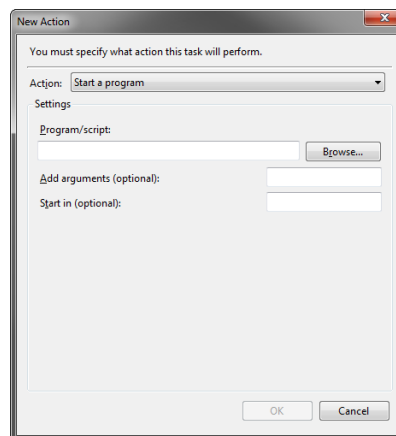
11. In the Create Task window, click the Actions tab.

The Actions tab opens.



12. Click New.

The New Action dialog box opens.



13. Use the Action list to select Start a program.

14. In the Program/script box, enter the following command:

```
C:\Windows\System32\cmd.exe
```

15. In the Add arguments (optional) box, enter the follow argument:

```
/c "C:\Program Files\PostgreSQL\9.3\pgbackup-<dest>.bat"
```

Where <dest> identifies the backup destination.

16. Click OK.

The New Action dialog box closes.

17. In the Create Task window, click OK to create the Inception Backup task.

18. If you want to confirm that the Inception Backup task is running, do the following:
 - a. In the Task Scheduler tree view, select the Task Scheduler Library node.
 - b. In the table to the right, locate the Inception Backup task.
 - c. Right-click the Inception Backup task and select Run from the shortcut menu.
19. In the Task Scheduler window, use the File menu to select Exit.

The Task Scheduler window closes.

Contacting Technical Support

Technical Support is staffed by a team of experienced specialists ready to assist you with any question or technical issue.

Ross Video has technical support specialists strategically located around the globe to ensure a prompt response to technical inquiries. Our primary technical support center is located in Ottawa, Ontario, Canada. In addition, we have offices in The United Kingdom (London), Australia (Sydney), and Singapore with satellite locations in New York City, The Netherlands, and China. As we expand our presence globally, we are constantly evaluating other key locations to have a local technical support specialist in order to better service our customers.

North America

Our North America center located in Ottawa, Ontario, Canada and is open Monday to Friday 8:30 a.m. to 6:00 p.m. EST, with 24/7/365 on-call service after hours.

Our telephone number is: +1-613-686-1557

Toll free within North America: +1 833-859-0499

EMEA

Our EMEA center is located in Buckinghamshire, England, United Kingdom and is open Monday to Friday 8:30 a.m. to 5:00 p.m. GMT. After hours support is provided by our North America location.

International toll free: +800 3540 3545

Australia

Our Sydney, Australia office is located in Alexandria, NSW.

Our local support telephone number is: 1300 007 677

If the local support specialist is not available, your call will be transferred automatically to our North America center.

Online

E-mail: techsupport@rossvideo.com

Website: use the link <https://support.rossvideo.com/> to open a support request.

Copyright

© 2012 - 2025 Ross Video Limited. Ross® and any related marks are trademarks or registered trademarks of Ross Video Limited. All other trademarks are the property of their respective companies. PATENTS ISSUED and PENDING. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, mechanical, photocopying, recording or otherwise, without the prior written permission of Ross Video. While every precaution has been taken in the preparation of this document, Ross Video assumes no responsibility for errors or omissions. Neither is any liability assumed for damages resulting from the use of the information contained herein.