# deploy.SetCreateUser – How-To Guide

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## Summary

Creates one or more PostgreSQL users, assigns passwords, and optionally attaches them to inheritance roles. Supports dry-run or live execution and logs actions.

## Usage Instructions

Run using the following format:  
  
 SELECT deploy.SetCreateUser(p\_usernames, p\_user\_password, p\_user\_inherit\_roles, p\_execute\_flag);

## Examples

1. Dry-run user creation (no login or execution):  
 SELECT deploy.SetCreateUser(ARRAY['john\_doe'], NULL, NULL, FALSE);  
  
2. Create a user with a custom password:  
 SELECT deploy.SetCreateUser(ARRAY['jane\_doe'], 'SecureP@ss', NULL, TRUE);  
  
3. Create and assign to a parent role:  
 SELECT deploy.SetCreateUser(ARRAY['report\_user'], 'Report123!', ARRAY['db\_readonly'], TRUE);  
  
4. Bulk create multiple users with same role:  
 SELECT deploy.SetCreateUser(ARRAY['dev1','dev2'], NULL, ARRAY['dev\_role'], TRUE);

## Parameters

- `p\_usernames`: TEXT[] – One or more usernames to create.  
- `p\_user\_password`: TEXT – If NULL, assigns username-based default password.  
- `p\_user\_inherit\_roles`: TEXT[] – Optional roles to GRANT to each user.  
- `p\_execute\_flag`: BOOLEAN – TRUE runs the creation, FALSE dry-runs only.

## Behavior Notes

- Logs actions to `info.account\_log\_history`  
- Passwords are masked in logs  
- Existing users are skipped  
- GRANT will fail silently if role does not exist

## TL;DR

Creates users from an array with optional role membership. Set TRUE to execute, FALSE to preview/log only.