# deploy.SetAccountSetup – How-To Guide

Version: 2.0  
Date: 2025-08-01  
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## Summary

Sets up roles, users, and schema/table/function-level permissions. Designed to provision accounts cleanly with full dry-run capability.

## Usage Instructions

Run via psql using:  
  
 SELECT deploy.SetAccountSetup(  
 p\_role\_names,  
 p\_usernames,  
 p\_user\_password,  
 p\_user\_inherit\_roles,  
 p\_apply\_schema\_privs\_to\_roles,  
 p\_table\_privileges,  
 p\_function\_privileges,  
 p\_apply\_to\_existing\_tables,  
 p\_set\_default\_for\_future\_tables,  
 p\_set\_default\_for\_future\_functions,  
 p\_revoke\_all\_first,  
 p\_execute\_flag  
 );

## Examples

1. Create roles only:  
 SELECT deploy.SetAccountSetup(p\_role\_names := ARRAY['app\_reader']);  
  
2. Create users with inherited roles:  
 SELECT deploy.SetAccountSetup(  
 p\_usernames := ARRAY['jane'],  
 p\_user\_password := 'Jane123!',  
 p\_user\_inherit\_roles := ARRAY['app\_reader'],  
 p\_execute\_flag := TRUE  
 );  
  
3. Apply SELECT to schema:  
 SELECT deploy.SetAccountSetup(  
 p\_apply\_schema\_privs\_to\_roles := ARRAY['reader'],  
 p\_table\_privileges := ARRAY['SELECT'],  
 p\_apply\_to\_existing\_tables := TRUE,  
 p\_set\_default\_for\_future\_tables := TRUE,  
 p\_execute\_flag := TRUE  
 );  
  
4. Full Setup:  
 SELECT deploy.SetAccountSetup(  
 p\_role\_names := ARRAY['db\_reader'],  
 p\_usernames := ARRAY['alice'],  
 p\_user\_password := 'alice123!',  
 p\_user\_inherit\_roles := ARRAY['db\_reader'],  
 p\_apply\_schema\_privs\_to\_roles := ARRAY['db\_reader'],  
 p\_table\_privileges := ARRAY['SELECT'],  
 p\_execute\_flag := TRUE  
 );

## TL;DR

All-in-one setup tool. Create users, roles, and apply schema privileges in one call. Dry-run friendly.