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MAY 2024
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# Business Central User Permissions & Access

# PRESENTER

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- 1 year at Stoneridge in BC Security, Telemetry, Power Platform and Azure
- 12 years at Microsoft working with GP and Business Central
- 5 years as a Microsoft vendor with Excel and Office Project Server
- 20+ years of supporting the Microsoft ecosystem

# AGENDA

- Users and Permission Sets \ Entitlement
- User group deprecation \ Nested Permission sets
- Record Permissions
- Permissions Based on Licenses
- Effective Permissions
- Security Groups

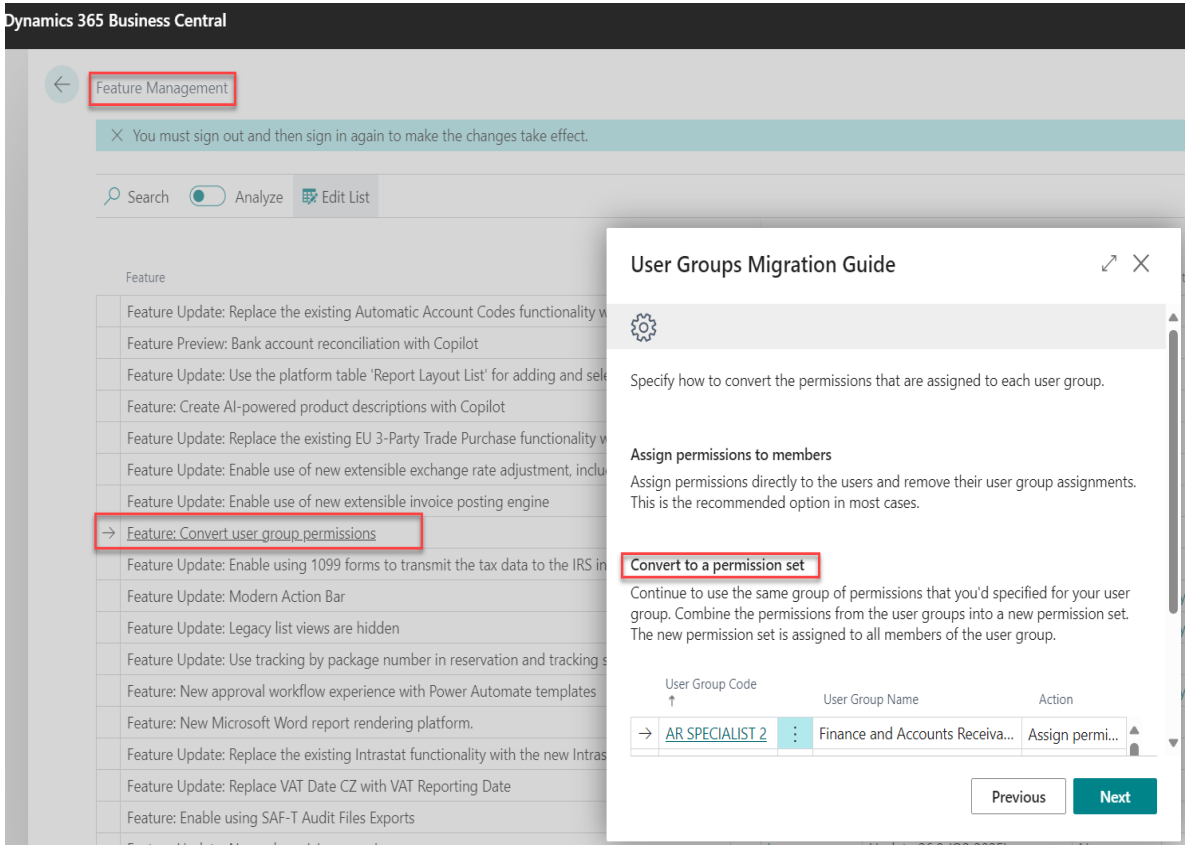
# DEMO

# Users and Permission Sets

- Users are added and managed through Entra\M365 Admin Center
- Users can be synched into BC if they have a BC license assigned
- Assign Permission sets to users to control access to areas of BC
- Access to BC is 2-tier: both Entitlement and Permissions needed
- User Groups are deprecated – Time to plan (Fall 2024?)

# User Group Deprecation

- Enable Feature ‘Convert user group permissions’
- Launches the ‘User Groups Migration Guide’
- Recommend using the ‘Convert to a permission set’
- How does a ‘User Group’ get converted into a Permission Set?



# Nested Permission sets

- Permission sets are user groups now but better
- You can nest permission sets within each other
- Permission sets inherit all the permissions within a nested set
- Can be nested multiple levels deep

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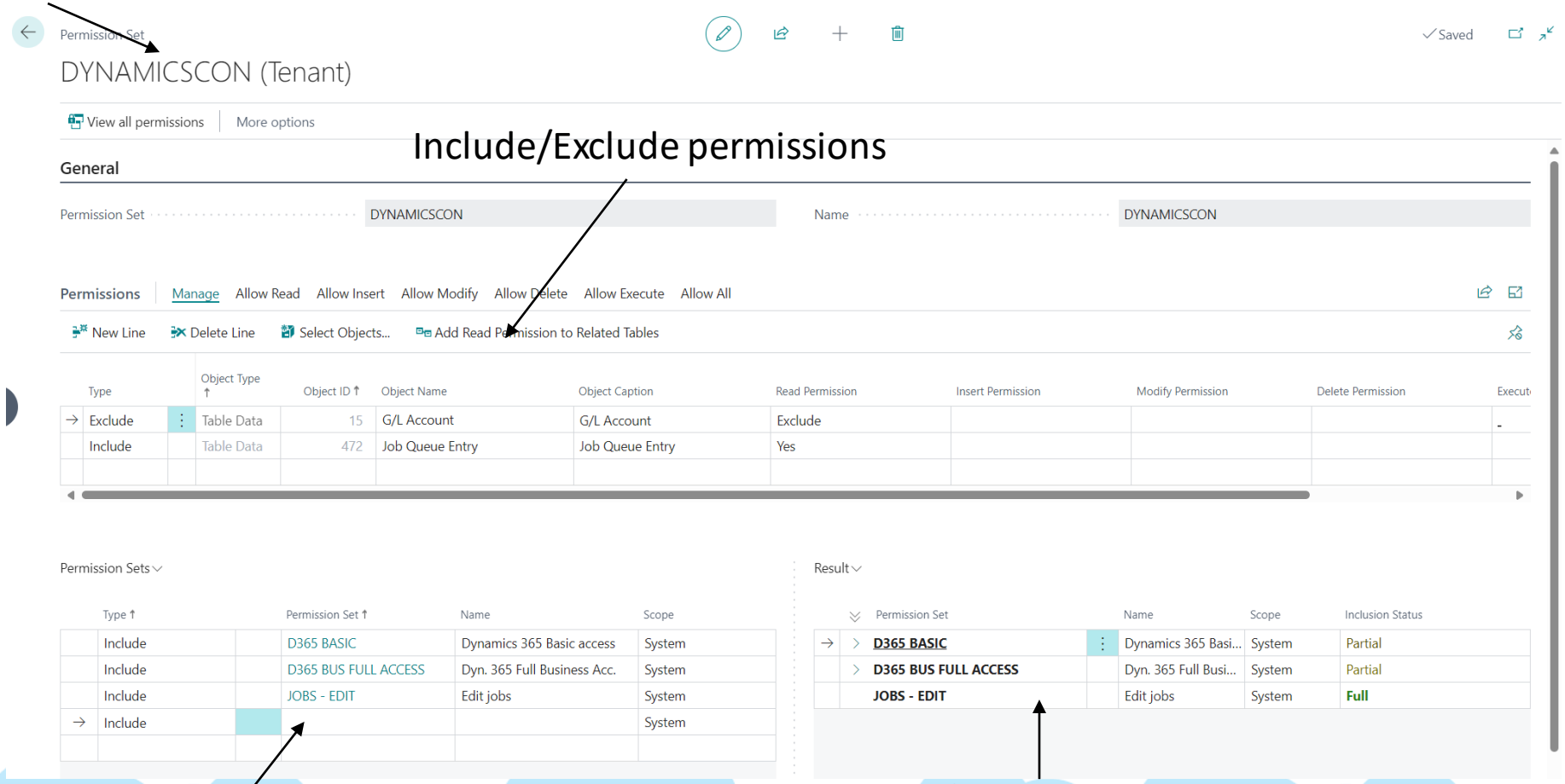
# Anatomy of a Permission Set

PS Name (Type)




Included permissions sets (nested)

Result of included permission sets and hierarchy

# DEMO

# Permission Sets

- Old way – Copy system permission set and modify it. ☹
- New way – Create new permission set, nest system permission sets and use exclusions. ☺
- Exclusions only work within the permission set they are put in
- Microsoft changes to system permissions sets included by default
- Use permission sets just like User Groups – Only better!
- Permission Error - Object Type – Object ID – Object Name - RIMD

Sorry, the current permissions prevented the action. (TableData 5777 Item Reference Read: Base Application).

more DEMO

# Record Permissions

- Can be used to see permissions for a specific task
- Best for adding very specific tasks\actions to a permission set
- Need to keep window open while performing all actions
- Records EVERYTHING that is ‘touched’ behind the scenes
- Recommend using in a Sandbox and then Exporting\Importing to Production

# Permissions Based on License Type

- ‘License Configuration’ window
- Default permission sets added to users based on their license
- Team Member license will be different than Essentials license
- Automatically added for the first company they sign into – Cronus Sample company is the default (usually)

# Effective Permissions

- Best source of ‘truth’ for seeing a user’s access
- Will show you which Permission set is giving access to an object
- Will show you if a user has Permissions and Entitlement
- Will show you if there are security filters
- Best place to go to troubleshoot specific access issues\errors

# Security Groups

- Not a replacement for User Groups
- Use Entra security groups to automatically assign BC permissions
- Easier to manage for Admins – Add permissions to other cloud apps
- Can use nested security groups
- Permissions added in addition to license added permissions – Does not replace or over-ride in any way.
- Can be used to restrict access to specific BC environments
  - Will only synch in users that are in the environment security group

# Questions?

# Resources

- Manage Access to Business Central - Business Central | Microsoft Learn
- Deprecated Features in the Base App - Business Central | Microsoft Learn
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# THANK YOU!