

# Utopia Articles of Permissions (2020)

## Utopia Articles of Permissions

This file is to explain the over-arching permissions strategy

### Node Permissions

1. Every node inherits its permission set from its parent by default.
2.
  - a. A node's permission set consists of accumulating all permissions on and above the given node.
  - b. The permission set requires that the roles be unique. (One permission per role in the permission set collection)
  - c. In the case that more than one permission per role is found, (e.g. group has a permission on the cabinet and a different permission on the drawer) the closest permission is taken for evaluation.
3. Only member/personal roles can have the override/enforce permission.
4. The Override/Enforce permission, when checked on a member/personal role, results in all other permissions being ignored for evaluation.
  - a. If multiple permissions are found with override checked, the nearest permission is chosen for evaluation.
5. Pushdown is an action offered when a permission is added, updated, or removed.
  - a. When taken, it removes all permissions on descendants that have a matching role.

### System Permissions

1. These are permissions for a specific role to access certain system features. (e.g. workflow, manage users, recycle bin, etc.)
2. A particular user's total system permission set consists of any system permissions assigned to their personal role, or any roles they are a member of.

## Non-Inheritable (Only this item) Behavior

Expected behavior for various parent folder with inheritable permission and a sub folder w/ non-inheritance(Only this item) relationships.

**Vocabulary:**

Parent = Parent with inheritable permissions

Child = Child with NotInheritable(Only this item) permission

RWD = Permissions (Read/Write/Delete)

**Behaviors:**

E = Edit/Rename Child

D = Delete Child

V = View Children of Child

C = Create folder or Upload File into Child

L = Delete children of Child

	No Parent Permissions	Parent-R	Parent-RW	Parent-RWD
Child-R		V	VC	VCL
Child-RW	E	EV	EVC	EVCL
Child-RWD	ED	EDV	EDVC	EDVCL

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