Record Model - Tenancy and Hierarchy

Record Tenancy

The DrawBridge records are `multi-tenanted` .

`Tenancy` is established by associating a record (such as Device Group, Access Policy, or Report) to a given tenant (see Types, below), and ensuring that other tenants cannot see those records.

Four types of tenants are supported:

Tenancy Type	Visibility	Permissions
Company	Just that Company	Contacts assigned to this Company, contacts of the Accountability Policy associated with this Company
Accountability Policy	All Member Companies	Contacts of the Accountability Policy
Appliance	All Companies on that DrawBridge	Contacts of the Main Company
Universal	All Companies on all DrawBridges	System Administrators

In other words, the Tenancy Type of a record can be determined by looking at the association relationship(s):

- A record assigned to a Company belongs to that company
- A record assigned to an Accountability Policy is available to all Member companies
- A record assigned to a System/Appliance applies to all tenant companies
- A record with none of the above relationships is available to all companies everywhere.

The Main Company

All Companies on a DrawBridge are tenants, however, for proper record and configuration ownership, it is essential that one Company be the Main Company of a DrawBridge.

The Main Company is the Owner of the DrawBridge, or the owner of the premise on which it is located.

The Contacts on the Main Company are the only ones who can control System-wide settings, such as QoS, Firewall settings, DNS, and so forth.

Record Hierarchy

Certain types of records can have have a "Parent"/"Child" designation:

- **Accountability Policy:** An Accountability Policy can be a "Child" of another Accountability Policy, enabling the automatic inheritance of configuration settings at the "Parent" level, such as Report Presets.
- **Category:** Built-in Categories are members of "Parent" categories for easy classification into genres.
  For example, Parent Category **Automotive** contains the following child categories:
  - Automotive and Trucks
  - Automotive - Objectionable
  - Metals / Welding
  - Powersports

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