CO Person and Person Role Status

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About Status

Each CO Person Role has a status attached to it, and each CO Person has an overall status that is generally calculated as the "most preferred" of the attached CO Person Role statuses. Statuses represent various states in the identity lifecycle, and various statuses have specific meanings within COmanage.

Status can be changed under various circumstances:

- As part of Enrollment or Invitation.
- As part of an Organizational Identity Source and Pipeline sync.
- Due to an Expiration Policy.
- By updating CO Person Role validity dates.
    - If a Role is in Pending status and the Valid From date is updated to be in the past, the Role will automatically change to Active status.
    - If a Role is in Active status and the Valid From date is updated to be in the future, the Role will automatically change to Pending status.
    - If a Role is in Expired status and the Valid Through date is updated to be in the future, the Role will automatically change to Active status.
    - If a Role is in Active or Grace Period status and the Valid Through date is updated to be in the past, the Role will automatically change to Expired status.
- Manually. Note that manual changes will be overwritten when an automatic update would result in a different status.

CO Person Status Recalculation

The status of a CO Person is generally calculated from the status of the CO Person Roles attached. This happens automatically under the following conditions:

- When a CO Petition is approved/the Enrollee becomes active.
- When an Expiration Policy changes the status of a CO Person Role.
- When updating a CO Person Role Valid Through date causes the CO Person Role to become Active.
- When a Pipeline results in a status change.
- When a CO Person Role status is manually changed.

The CO Person status is set to the "most preferred" status of the attached CO Person Roles. "Most preferred" is currently defined as the order in the table, below. In general, active statuses are most preferred, followed by expired statuses (since there may have been skeletal records provisioned that need to be maintained), followed by invitation statuses.

CO Person and Person Role Records are passed to Provisioners based on their status, as indicated in the table, below.

ℹ This table is effective as of Registry v2.0.0. For earlier versions, see this page.

⚠ In Registry v2.x and v3.x, this table is only supported by certain provisioners (Ldap, Crowd, LdapServiceToken). (CO-1740)

Locking CO Person Status

As of Registry v4.0.0, the CO Person status may be set to *Locked*. Doing so will disable the entire Person record, regardless of the underlying CO Person Role statuses. The CO Person status can only be reset by a CO or COU administrator. Enrollment Flows, Pipelines, and Expiration Policies are unable to reset a Locked status.

ℹ Locking a Person does *not* lock their Authenticators. Applications should check for Authorization information, which is deprovisioned when the record is Locked.

CO Person Roles cannot be set to *Locked*, since it is intended as a Person status only. Individual Roles may be set to *Suspended*, *Expired*, or *Deleted*.

Status Preferences and Provisioning

Preference	Status	Description	Provisioning
n/a	Locked	Person is locked	Person data and All Members Groups provisioned
1	Active	Person or Role is an active member in the CO	Person, Role, and Group data provisioned
2	GracePeriod	Primary association with the CO has ended, but services have not yet been deprovisioned	Person, Role, and Group data provisioned

3	Suspended	Association with the CO has been (manually) temporarily suspended	Person data and All Members Groups provisioned
4	Expired	Valid through date has been reached	Person data and All Members Groups provisioned
5	Approved		No data provisioned
6	PendingApproval	The enrollment flow petition is pending approval	No data provisioned
7	Confirmed		No data provisioned
8	PendingConfirmation	An invitation or email confirmation was sent via an enrollment flow	No data provisioned
9	Invited	An invitation was sent via default enrollment	No data provisioned
10	Pending		No data provisioned
11	Denied	The enrollment flow petition was denied	No data provisioned
12	Declined	The invitation sent via default enrollment was declined	No data provisioned
13	Deleted		No data provisioned
14	Duplicate	The record is a duplicate of another	No data provisioned