The `/api/usergroups/:usergroup_id/external_usergroups` API is not accepting `1-group` as the name of usergroup

06/03/2021 09:11 AM - Tomer Brisker

### Status: Closed
### Priority: Normal
### Assignee: Tomer Brisker
### Category: Users, Roles and Permissions
### Target version:
### Difficulty:
### Triaged: No
### Bugzilla link: 1967319

**Description**

Cloned from https://bugzilla.redhat.com/show_bug.cgi?id=1967319

**Description of problem:**

The `redhat.satellite.external_usergroup` calls this API: `GET /api/usergroups/:usergroup_id/external_usergroups`

As per the satellite apidoc the :usergroup_id, should be a string

But if I decide to use a satellite usergroup name e.g "1-group", it fails whereas "1 group" works fine.

So the hyphen (-) is creating some sort of issue here.

**Version-Release number of selected component (if applicable):**

Satellite 6.9

**How reproducible:**

Always

**Steps to Reproduce:**

1. Build a Satellite 6.9
2. Create a usergroup by name "1-group"
3. Run following API: `curl -ku admin:RedHat1! "https://satellite.example.com/api/v2/usergroups/1-group/external_usergroups/"
4. Modify the usergroup name from "1-group" to "1 group"
5. Run following API: `curl -ku admin:RedHat1! "https://satellite.example.com/api/v2/usergroups/1%20group/external_usergroups/"

**Actual results:**

Step 3 error:

```json
~ ~
"error": {"message":"Resource external_usergroup not found by id"}
```

Step 5 success:

```json
~ ~
"total": 0,
"subtotal": 0,
"page": 1,
```

**Pull request:** https://github.com/theforeman/foreman/pull/8575

**Fixed in Releases:** 3.0.0

**Found in Releases:** 3.0.0
**Expected results:**

Step 3 should be successful as well.

**Additional info:**

This affects the working of redhat.satellite.external_usergroup module if customer decided to map an AD group to Satellite usergroup by name "043-enterprise systems"

**Related issues:**

- Related to Foreman - Refactor #23234: remove friendly_id <5.0 workarounds  
  Closed

**Revision 3d3efb62 - 06/08/2021 01:17 PM - Tomer Brisker**

Fixes #32704 - Improve parent scope identification

When a parent resource has a name that appears like it is parameterized but actually isn't (such as `1-name`), we try to find the parent scope from the resource name but fail (since the actual id of the record is different).

Instead of attempting to handle parameterized strings first, we try finding by friendly id first when it makes sense, and fallback to handling parameterized strings only if no matches are found with friendly id.

**History**

#1 - 06/03/2021 09:16 AM - Tomer Brisker

- Category set to Users, Roles and Permissions

The issue comes from [https://github.com/theforeman/foreman/blob/develop/app/controllers/concerns/find_common.rb#L11-L19](https://github.com/theforeman/foreman/blob/develop/app/controllers/concerns/find_common.rb#L11-L19) which tries to run `from_param` on the usergroup name, which is not correct in this case (friendly id should be used instead)

#2 - 06/03/2021 11:11 AM - Tomer Brisker

looking at the specific request again, looks like it's actually [https://github.com/theforeman/foreman/blob/de32fd1babfe4b45f54e7e243c7242efeda12cf955/app/controllers/api/base_controller.rb#L327](https://github.com/theforeman/foreman/blob/de32fd1babfe4b45f54e7e243c7242efeda12cf955/app/controllers/api/base_controller.rb#L327) that is the culprit where finding the nested object does not work as expected

#3 - 06/06/2021 04:34 PM - Tomer Brisker

- Related to Refactor #23234: remove friendly_id <5.0 workarounds added

#4 - 06/06/2021 05:32 PM - The Foreman Bot

- Assignee set to Tomer Brisker
- Status changed from New to Ready For Testing
- Pull request https://github.com/theforeman/foreman/pull/8575 added

#5 - 06/08/2021 01:17 PM - The Foreman Bot
- Fixed in Releases 3.0.0 added

#6 - 06/08/2021 02:02 PM - Tomer Brisker
- Status changed from Ready For Testing to Closed

Applied in changeset foreman|3d3efb62ed9c5d843b3b69b02bca7472daadae8.