# CzechIdM - Defect #2210

## Provisioning brake removes connector server key when it starts braking

04/15/2020 05:06 PM - Alena Peterová

| | | | | |
|---|---|---|---|---|
| **Status:** | Closed | | **Start date:** | 04/15/2020 |
| **Priority:** | Normal | | **Due date:** | |
| **Assignee:** | Ondrej Husník | | **% Done:** | 100% |
| **Category:** | Systems | | **Estimated time:** | 0.00 hour |
| **Target version:** | 10.3.0 | | | |
| **Affected versions:** | | | | |

### Description

Version 9.7.2

- The system uses the remote connector server and has the provisioning brake for Delete operation, which is just before braking (1 already processed operation, 1 is the max limit)
- Try to delete an account so the provisionig operation is blocked by the brake
- The remote connector key of the system is changed, the system is no longer available - Bad password for remote connector server [localhost:8759]



Audit of all that happened in the same transaction:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 🔍 | IdmConfidentialStorageValue | cdf8ce9 | update | admin | 15.04.2020 18:50:46 | | ID:51875 TI:f461f95 |
| 🔍 | SysSystem | 🔗 AD - Exchange | update | admin | 15.04.2020 18:50:46 | blockedOperation | ID:51874 TI:f461f95 |
| 🔍 | AccAccount | 7ca69a3 | delete | admin | 15.04.2020 18:50:45 | accountType, systemEntity,inProtection,system,uid | ID:51873 TI:f461f95 |
| 🔍 | AccIdentityAccount | 2974ab6 | delete | admin | 15.04.2020 18:50:45 | account, roleSystem,identity,ownership,identityRole | ID:51872 TI:f461f95 |

Detail of the change in the SysSystem - delete operation is blocked (I don't know why it isn't highlighted):

| | | | | |
|---|---|---|---|---|
| remote | true | | remote | true |
| createOperation | false | | createOperation | false |
| updateOperation | true | | updateOperation | true |
| deleteOperation | true | | deleteOperation | false |

Detail of the change of IdmConfidentialStorageValue - remoteServerPassword:

| Attribute | Value | | Attribute | Value |
|---|---|---|---|---|
| ownerType | eu.bcvsolutions.idm.acc.entity.SysSystem | | ownerType | eu.bcvsolutions.idm.acc.entity.SysSystem |
| creator | Tomáš Regula (regulaadmin) | | creator | Tomáš Regula (regulaadmin) |
| realmId | null | | realmId | null |
| created | 2020-01-13T15:07:05.827Z | | created | 2020-01-13T15:07:05.827Z |
| modifier | Administrator (admin) | | modifier | Alena Peterová (peterovaadmin) |
| creatorId | 936e9533-bdec-4d52-9dd5-8841b7a30ba4 | | creatorId | 936e9533-bdec-4d52-9dd5-8841b7a30ba4 |
| modifierId | 84e955d4-9aa3-4e41-855f-aafb4e0fd943 | | modifierId | 89042220-d79b-4da1-9799-802dbc6abf68 |
| originalModifier | Tomáš Regula (regulaadmin) | | originalModifier | Tomáš Regula (regulaadmin) |
| ownerId | a0831c22-6191-4f1f-baf6-6eee99423b7c | | ownerId | a0831c22-6191-4f1f-baf6-6eee99423b7c |
| originalCreator | Tomáš Regula (regulaadmin) | | originalCreator | Tomáš Regula (regulaadmin) |
| originalCreatorId | 936e9533-bdec-4d52-9dd5-8841b7a30ba4 | | originalCreatorId | 936e9533-bdec-4d52-9dd5-8841b7a30ba4 |
| key | remoteServerPassword | | key | remoteServerPassword |
| originalModifierId | 936e9533-bdec-4d52-9dd5-8841b7a30ba4 | | originalModifierId | 936e9533-bdec-4d52-9dd5-8841b7a30ba4 |

**Related issues:**

Related to CzechIdM - Defect #1729: After using Virtual system connector, you... **Closed** **06/24/2019**

## History

#### #1 - 04/15/2020 07:57 PM - Radek Tomiška

*- Related to Defect #1729: After using Virtual system connector, you can't switch to remote connector server connectors added*

#### #2 - 04/16/2020 09:26 AM - Vít Švanda

*- Assignee changed from Vít Švanda to Ondrej Husník*

*- Target version set to 10.3.0*

#### #3 - 04/20/2020 05:59 AM - Ondrej Husník

*- Status changed from New to In Progress*

#### #4 - 04/20/2020 07:14 PM - Ondrej Husník

*- Status changed from In Progress to Needs feedback*

*- Assignee changed from Ondrej Husník to Vít Švanda*

*- % Done changed from 0 to 90*

It was necessary to prevent from overriding of the original password of connector server by asterisks in the confidentialStorage when SystemDto is saved.

https://github.com/bcvsolutions/CzechIdMng/commit/1263c4e2009ab5b874a460ca1b45d0aa0271643e

#### #5 - 04/21/2020 09:17 AM - Ondrej Husník

*- Status changed from Needs feedback to In Progress*

*- Assignee changed from Vít Švanda to Ondrej Husník*

*- % Done changed from 90 to 60*

#### #6 - 04/23/2020 09:59 AM - Ondrej Husník

*- Status changed from In Progress to Needs feedback*

*- Assignee changed from Ondrej Husník to Vít Švanda*

*- % Done changed from 60 to 90*

Previous solution was refactored and currently there is returned substitute string (asterisks) in remote server password only when requested from FE via rest.
There was also added rest test covering current changes in system controller.

https://github.com/bcvsolutions/CzechIdMng/commit/6c0dc4da8c3a4942f13961d7cedd20d27c9a8346

**#7 - 04/29/2020 02:02 PM - Vít Švanda**

*- Status changed from Needs feedback to In Progress*

*- Assignee changed from Vít Švanda to Ondrej Husník*


I did review. I think, it works correctly now, but I found this issues:

- I don't aggre with name of your new filter parameter "filterSetOutsideBE". From this I don't know what exactlly this parameter do. I suggest rename it on "includeRemoteServerPassword" with comment "// Ensures check if remote server password exists. Only asterisk will be returned!".
- You loading a password from confidential storage for every get now. This is expensive operation and you can use your new filter parametr. It means, you can load password only if "isFilterSetOutsideBE" == true.
- In ConnId service, you use variable "char pass[]". This is not correct, because password should be save only in guarded string object (for security reason). I can get you better explenation online.


**#8 - 04/30/2020 12:07 PM - Ondrej Husník**

*- Status changed from In Progress to Needs feedback*

*- Assignee changed from Ondrej Husník to Vít Švanda*


Thank you for your feedback. I made suggested changes. Hopefully the new context parameter name won't suffer from another trouble :)

https://github.com/bcvsolutions/CzechIdMng/commit/f6a39afec6e8b56631d2a8a1aec905243f1e45f0


**#9 - 05/04/2020 12:47 PM - Vít Švanda**

*- Status changed from Needs feedback to Resolved*

*- Assignee changed from Vít Švanda to Ondrej Husník*

*- % Done changed from 90 to 100*


I did review and test. It was hard to simulated this scenario, but now it works correctly. Thanks for this.


**#10 - 05/11/2020 10:28 AM - Radek Tomiška**

*- Status changed from Resolved to Closed*


## Files

| | | | |
|---|---|---|---|
| audit_blocked_operation.png | 6.23 KB | 04/15/2020 | Alena Peterová |
| audit.png | 31.9 KB | 04/15/2020 | Alena Peterová |
| audit_changed_key.png | 44.8 KB | 04/15/2020 | Alena Peterová |
| system.png | 50.5 KB | 04/15/2020 | Alena Peterová |