

midPoint Logging

Audit log sample

```
2016-08-31 14:42:53,005 INFO: 2016-08-31T14:42:53.005-0400 eid=1472668973005-0-1, et=ADD_OBJECT, es=REQUEST,
sid=null, tid=1472668972973-0-1, toid=null, hid=null, I=FocusType:d775667f-868e-4fb7-a514-d1b95513bcd4
({http://midpoint.evolveum.com/xml/ns/public/common/common-3}user), T=FocusType:null({http://midpoint.evolveum.
com/xml/ns/public/common/common-3}user), TO=null, D=[null:ADD], ch=http://midpoint.evolveum.com/xml/ns/public
/gui/channels-3#user, o=null, p=null, m=
2016-08-31 14:42:53,028 DEBUG: Details of event 1472668973005-0-1 stage REQUEST
Deltas:
  ObjectDeltaOperation
    Delta:
      ObjectDelta<UserType>(UserType:null,ADD):
        user: (null, UserType)
          parentOrgRef: [ ]
          name: jaj
          fullName: James Jokl
          givenName: James
          familyName: Jokl
          activation:
            administrativeStatus: ENABLED
          credentials:
            password:
              value:
                ProtectedStringType(encrypted=EncryptedDataType(encryptionMethod=EncryptionMethodType
(algorithm=http://www.w3.org/2001/04/xmlenc#aes128-cbc), keyInfo=KeyInfoType
(keyName=Q+AvyGW740oXmdukiz3RAzE7fH8=), cipherData=CipherDataType(cipherValue=[32 bytes])))
            assignment:
              Execution result: null
              Object name: null

2016-08-31 14:42:53,045 INFO: 2016-08-31T14:42:53.045-0400 eid=1472668973045-0-1, et=ADD_OBJECT, es=EXECUTION,
sid=null, tid=1472668972973-0-1, toid=null, hid=null, I=FocusType:d775667f-868e-4fb7-a514-d1b95513bcd4
({http://midpoint.evolveum.com/xml/ns/public/common/common-3}user), T=FocusType:840ala41-fa64-4774-9c9c-
c907ebe3ae5b({http://midpoint.evolveum.com/xml/ns/public/common/common-3}user), TO=null, D=[840ala41-fa64-4774-
9c9c-c907ebe3ae5b:ADD], ch=http://midpoint.evolveum.com/xml/ns/public/gui/channels-3#user, o=SUCCESS, p=null, m=
2016-08-31 14:42:53,047 DEBUG: Details of event 1472668973045-0-1 stage EXECUTION
Deltas:
  LensObjectDeltaOperation
    Delta:
      ObjectDelta<UserType>(UserType:840ala41-fa64-4774-9c9c-c907ebe3ae5b,ADD):
        user: (840ala41-fa64-4774-9c9c-c907ebe3ae5b, v0, UserType)
          name: jaj
          fullName: James Jokl
          givenName: James
          familyName: Jokl
          activation:
            administrativeStatus: ENABLED
            effectiveStatus: ENABLED
            enableTimestamp: 2016-08-31T14:42:53.034-04:00
          credentials:
            password:
              value:
                ProtectedStringType(encrypted=EncryptedDataType(encryptionMethod=EncryptionMethodType
(algorithm=http://www.w3.org/2001/04/xmlenc#aes128-cbc), keyInfo=KeyInfoType
(keyName=Q+AvyGW740oXmdukiz3RAzE7fH8=), cipherData=CipherDataType(cipherValue=[32 bytes])))
          metadata:
            createChannel:
              http://midpoint.evolveum.com/xml/ns/public/gui/channels-3#user
              createTimestamp: 2016-08-31T14:42:53.034-04:00
              creatorRef: oid=d775667f-868e-4fb7-a514-d1b95513bcd4(UserType)('keith')
            iteration: 0
            iterationToken:
            metadata:
              createChannel:
```

```
    http://midpoint.evolveum.com/xml/ns/public/gui/channels-3#user
    createTimestamp: 2016-08-31T14:42:53.040-04:00
    creatorRef: oid=d775667f-868e-4fb7-a514-d1b95513bcd4(UserType)('keith')
    createApproverRef: [ ]
    modifyApproverRef: [ ]
    parentOrgRef: [ ]
    trigger:
    linkRef: [ ]
    roleMembershipRef: [ ]
    assignment:
    employeeType: [ ]
    organizationalUnit: [ ]
    organization: [ ]
```

Execution result:

```
*op* com.evolveum.midpoint.model.impl.lens.ChangeExecutor.executeDelta, st: SUCCESS, msg: null
*op* com.evolveum.midpoint.task.api.Task.listSubtasksDeeply, st: SUCCESS, msg: null
    [c]implementationClass=com.evolveum.midpoint.task.quartzimpl.TaskQuartzImpl
    [c]oid=null
*op* com.evolveum.midpoint.task.api.Task.listSubtasksRaw, st: SUCCESS, msg: null
    [c]implementationClass=com.evolveum.midpoint.task.quartzimpl.TaskQuartzImpl
    [c]oid=null
*op* com.evolveum.midpoint.repo.api.RepositoryService.addObject, st: SUCCESS, msg: null
    [p]options=RepoAddOptions(overwrite=false, allowUnencryptedValues=false)
    [p]object=user:840ala41-fa64-4774-9c9c-c907ebe3ae5b(jaj)
```

Object name:

```
    PolyString(jaj,jaj)
audited: false
```

```
2016-08-31 14:42:53,097 INFO: 2016-08-31T14:42:53.096-0400 eid=1472668973096-0-1, et=ADD_OBJECT, es=EXECUTION,
sid=null, tid=1472668972973-0-1, toid=null, hid=null, I=FocusType:d775667f-868e-4fb7-a514-d1b95513bcd4
({http://midpoint.evolveum.com/xml/ns/public/common/common-3}user), T=FocusType:840ala41-fa64-4774-9c9c-
c907ebe3ae5b({http://midpoint.evolveum.com/xml/ns/public/common/common-3}user), TO=null, D=[840ala41-fa64-4774-
9c9c-c907ebe3ae5b:MODIFY], ch=http://midpoint.evolveum.com/xml/ns/public/gui/channels-3#user, o=SUCCESS,
p=null, m=
```

```
2016-08-31 14:42:53,098 DEBUG: Details of event 1472668973096-0-1 stage EXECUTION
```

Deltas:

LensObjectDeltaOperation

Delta:

```
ObjectDelta<UserType>(UserType:840ala41-fa64-4774-9c9c-c907ebe3ae5b,MODIFY):
activation/enableTimestamp
    REPLACE: 2016-08-31T14:42:53.070-04:00
metadata/modifyChannel
    REPLACE: http://midpoint.evolveum.com/xml/ns/public/gui/channels-3#user
metadata/modifyTimestamp
    REPLACE: 2016-08-31T14:42:53.078-04:00
metadata/modifierRef
    REPLACE: oid=d775667f-868e-4fb7-a514-d1b95513bcd4('keith')
```

Execution result:

```
*op* com.evolveum.midpoint.model.impl.lens.ChangeExecutor.executeDelta, st: SUCCESS, msg: null
*op* com.evolveum.midpoint.task.api.Task.listSubtasksDeeply, st: SUCCESS, msg: null
    [c]implementationClass=com.evolveum.midpoint.task.quartzimpl.TaskQuartzImpl
    [c]oid=null
*op* com.evolveum.midpoint.task.api.Task.listSubtasksRaw, st: SUCCESS, msg: null
    [c]implementationClass=com.evolveum.midpoint.task.quartzimpl.TaskQuartzImpl
    [c]oid=null
*op* com.evolveum.midpoint.repo.api.RepositoryService.modifyObject, st: SUCCESS, msg: null
    [p]oid=840ala41-fa64-4774-9c9c-c907ebe3ae5b
    [p]type=com.evolveum.midpoint.xml.ns._public.common.common_3.UserType
    [p]modifications=[PropertyDelta(activation / {.../common/common-3}enableTimestamp,
```

```
REPLACE),PropertyDelta(metadata / {.../common/common-3}modifyChannel, REPLACE),PropertyDelta(metadata / {...
/.../common/common-3}modifyTimestamp, REPLACE),ReferenceDelta(metadata / {.../common/common-3}modifierRef, REPLACE)]
```

Object name:

```
    PolyString(jaj,jaj)
audited: false
```