IBM® Security Identity Manager™
New Features in 6.0 and 7.0

IBM SECURITY SUPPORT OPEN MIC

To hear the WebEx audio, select an option in the Audio Connection dialog or by access the Communicate > Audio Connection menu option. To ask a question by voice, you must either Call In or have a microphone on your device.

You will not hear sound until the host opens the audio line.

For more information, visit: http://ibm.biz/WebExOverview_SupportOpenMic

NOTICE: BY PARTICIPATING IN THIS CALL, YOU GIVE YOUR IRREVOCABLE CONSENT TO IBM TO RECORD ANY STATEMENTS THAT YOU MAY MAKE DURING THE CALL, AS WELL AS TO IBM’S USE OF SUCH RECORDING IN ANY AND ALL MEDIA, INCLUDING FOR VIDEO POSTINGS ON YOUTUBE. IF YOU OBJECT, PLEASE DO NOT CONNECT TO THIS CALL.
IBM® Security Identity Manager™
New Features in 6.0 and 7.0
IBM SECURITY SUPPORT OPEN MIC

SOKE-WAN CHUA & SHARWARI MORE

6 December 2017
IBM Security Identity Manager
6.0 Fixpack 19
7.0 Fixpack 8
Change Access Password task in ISC

- New tasks in Manage View to change password for self and others on accesses (accounts) that are excluded from password synchronization:
  - Enable them to show tasks in ISC
Change Access Password task in ISC (cont.)

- ISC View:

![Change Access Password task in ISC](image-url)
Change Access Password task in ISC (cont.)

- If login user is manager, gets to select subordinates
Change Access Password task in ISC (cont.)

- Showing accesses that are excluded from password synch
Change Access Password task in ISC (cont.)

- Showing accesses that are excluded from password synch
Configure ISC approval justification

- UIconfig.properties

# This property decides whether the justification field is mandatory while approving the activity.
# Allowed Values: (true|false)
# By default this property will be set to 'true'.
ui.activities.approve.justificationRequired=true

# This property decides whether the justification field is mandatory while rejecting the activity.
# Allowed Values: (true|false)
# By default this property will be set to 'true'.
ui.activities.reject.justificationRequired=true

# This property decides whether justification field is to be displayed on Manage Activities and Decisions page or not.
# Allowed Values: (true|false)
# By default this property will be set to 'true'
ui.activities.displayJustification=true
Configure ISC approval justification (cont.)
Configure SMTP Authentication

- enRoleMail.properties

# Host, example: 192.168.6.204
mail.host=

mail.smtp.port=
# Since 6.0 FP 19, the following properties are introduced to support SMTP authentication while sending email
# notification within ISIM.
# mail.smtp.starttls.enable enables TLS session with the mail server.
# mail.smtp.auth enables authentication with the mail server.
#runConfig mail Test also depends on this setting to establish authenticated or non-authenticated
#session to send mail
# mail.smtp.auth.user is the user id used by ISIM to authenticate with the smtp server.
# mail.smtp.auth.password is the password for mail.smtp.auth.user.
#Password entered as plain text directly will be encrypted by running runConfig utility.
mail.smtp.starttls.enable=false
mail.smtp.auth=false
mail.smtp.auth.user=
mail.smtp.auth.password=
Configure SMTP Authentication

- runConfig – example showing no SMTP authentication, no TLS communication
Configure SMTP Authentication (cont.)

- runConfig – example showing SMTP authentication, no TLS communication
Configure SMTP Authentication (cont.)

- runConfig – example showing SMTP authentication, TLS communication
- REMEMBER – must import mail server’s SSL certificate
Workflow Time-Out setting

- LIMIT setting in workflow can now be changed via UI
Mail Server Configuration
Changes in Mail Server Configuration

- New fields to enable authentication:
  - Mail User
  - Mail Password

- Changed the label for SSL to TLS
Also...

- Reduce exception stack output in ISIM trace.log file from password change request when new password value does not conform to password rule (from this)

```
<Trace Level="MIN">
<Time Millis="1468335015903"> 2016.07.12 07:50:15.903-07:00</Time>
<Server Format="IP">win2k8r2cw</Server>
<ProductId>CTGIM</ProductId>
<Component>com.ibm.itim.policy</Component>
<ProductInstanceId>server1</ProductInstanceId>
<LogText><![CDATA[Validation failed for Account cweber on the Service ITIM Service;CTGIME012E The password does not meet the requirements of the password rule. The following error occurred.
Error: CTGIMH011E The password does not adhere to the minimum number of characters. ]]]></LogText>
<source FileName="com.ibm.itim.policy.PasswordPolicyAuthority" Method="checkPassword"/>
<Thread>WebContainer : 26</Thread>
<Exception><![CDATA[com.ibm.passwordrules.InvalidPasswordException: CTGIMH011E The password does not adhere to the minimum number of characters.
at com.ibm.passwordrules.standard.LengthConstraint.validate(LengthConstraint.java:129)
at com.ibm.passwordrules.standard.RuleSet.validate(RuleSet.java:498)
at com.ibm.itim.policy.PasswordPolicyAuthority.checkPassword(PasswordPolicyAuthority.java:334)
at com.ibm.itim.policy.PasswordPolicyAuthority.checkPassword(PasswordPolicyAuthority.java:245)
at com.ibm.itim.apps.ejb.organization.account.PasswordManagerBean.isValidPassword(PasswordManagerBean.java:2197)
at com.ibm.itim.apps.ejb.organization.account.PasswordManagerBean.submitToWorkflow(PasswordManagerBean.java:1887)
at com.ibm.itim.apps.ejb.organization.account.PasswordManagerBean.submitToWorkflow(PasswordManagerBean.java:1853)
at com.ibm.itim.apps.ejb.organization.account.PasswordManagerBean.submitPasswordChange(PasswordManagerBean.java:1170)
at com.ibm.itim.apps.ejb.organization.account.PasswordManagerBean.submitPasswordChange(PasswordManagerBean.java:1266)
at com.ibm.itim.apps.ejb.organization.account.EJSLocalStatelessenroleejb_PasswordManagerHome_702d2dff.submitPasswordChange(Unknown Source)
at com.ibm.itim.ui.impl.ejb.PasswordManager$14.run(PasswordManager.java:538)
at java.security.AccessController.doPrivileged(AccessController.java:452)
```
Also…

- Reduce exception stack output in ISIM trace.log file from password change request when new password value does not conform to password rule (to this)

```xml
<<Trace Level="MIN">
<Time Millis="1468335015918"> 2016.07.12 07:50:15.918-07:00</Time>
<Server Format="IP">win2k8r2cw</Server>
<ProductId>CTGIM</ProductId>
<Component>com.ibm.itim.ui.impl</Component>
<ProductInstance>server1</ProductInstance>
<LogText><![CDATA[CTGIMU017E The password specified for the selected accounts does not comply with all of the password rules defined for these accounts.]]></LogText>
<Source FileName="com.ibm.itim.ui.impl.PersonImpl" Method="changeAccountPasswords(Collection, String)"/>
<Thread>WebContainer : 26</Thread>
<Exception><![CDATA[com.ibm.itim.apps.identity.InvalidPasswordException: CTGIME012E The password does not meet the requirements of the password rule. The following error occurred. Error: CTGIMH011E The password does not adhere to the minimum number of characters.]]></Exception>
```
Also...

- Provide object info during decryption exception

Caused by: com.ibm.itim.util.EncryptionException: CTGIMO047E An error occurred while processing a decryption request on object or property value erglobalid=633793977805454869,ou=services,erglobalid=00000000000000000000,ou=org,dc=ISIM. The following error occurred. Error: Input length (with padding) not multiple of 16 bytes
at com.ibm.itim.util.EncryptionManager.decrypt(EncryptionManager.java:1004)
at com.ibm.itim.util.EncryptionManager.decrypt(EncryptionManager.java:951)
at com.ibm.itim.remoteservices.ServiceProviderUtil.getPropertiesFromAttributes(ServiceProviderUtil.java:417)
at com.ibm.itim.remoteservices.ejb.mediation.ServiceProviderInfoLoader.readResourceInfo(ServiceProviderInfoLoader.java:116)
at com.ibm.itim.remoteservices.ejb.mediation.ServiceProviderInfoLoader.<init>(ServiceProviderInfoLoader.java:75)
at com.ibm.itim.remoteservices.ejb.mediation.ConnectorFactory.getConnector(ConnectorFactory.java:66)
at com.ibm.itim.workflowextensions.AccountExtensions.createAccount(AccountExtensions.java:557)
... 21 more
Caused by: javax.crypto.IllegalBlockSizeException: Input length (with padding) not multiple of 16 bytes
at com.ibm.crypto.provider.AECSipher.a(Unknown Source)
at com.ibm.crypto.provider.AECSipher.engineDoFinal(Unknown Source)
at com.ibm.crypto.provider.AECSipher.engineDoFinal(Unknown Source)
at javax.crypto.Cipher.doFinal(Unknown Source)
at com.ibm.itim.util.EncryptionManager.decrypt(EncryptionManager.java:994)
... 28 more
]]>&lt;/Exception&gt;
&lt;/Trace&gt;
Also…

• DB2 11.1 support

• Latest browser versions
  – FireFox 52.3.0 ESR
  – Chrome 61.0.3163.79
Questions for the panel

Now is your opportunity to ask questions of our panelists.

To ask a question now:

Raise your hand by clicking Raise Hand. The Raise Hand icon appears next to your name in the Attendees panel on the right in the WebEx Event. The host will announce your name and unmute your line.

or

Type a question in the box below the Ask drop-down menu in the Q&A panel. Select All Panelists from the Ask drop-down-menu. Click Send. Your message is sent and appears in the Q&A panel.

To ask a question after this presentation:

You are encouraged to participate in the dW Answers forum: <https://developer.ibm.com/answers/topics/isim.html>
IBM Security Learning Academy
www.SecurityLearningAcademy.com

New content published daily!

Learning at no cost!

Learning Videos ● Hands-on Labs ● Live Events
Questions for the panel

Now is your opportunity to ask questions of our panelists.

To ask a question now:

Raise your hand by clicking Raise Hand. The Raise Hand icon appears next to your name in the Attendees panel on the right in the WebEx Event. The host will announce your name and unmute your line.

or

Type a question in the box below the Ask drop-down menu in the Q&A panel. Select All Panelists from the Ask drop-down-menu. Click Send. Your message is sent and appears in the Q&A panel.

To ask a question after this presentation:

You are encouraged to participate in the dW Answers forum: <https://developer.ibm.com/answers/topics/isim.html>
THANK YOU

FOLLOW US ON:

facebook.com/IBMSecuritySupport
youtube/user/IBMSecuritySupport
@askibmsecurity
SecurityLearningAcademy.com
securityintelligence.com
xforce.ibmcloud.com