



Update Summary for wso2is - 5.7.0 1545704184332 (full)

This document contains details of 56 update(s) installed into your wso2is-5.7.0 (full) distribution. There are 3 security update(s). WSO2 strongly recommends to use this updated product for production as soon as possible.

List of security updates

- [WSO2 Carbon 4.4.X Update 2018-10-16](#)
- [WSO2 Carbon 4.4.X Update 2018-11-15](#)
- [WSO2 Carbon 4.4.X Update 2018-12-07](#)

Following updates contain instructions. Please read them carefully and apply to your deployment if necessary.

- [WSO2 Carbon 4.4.X Update 2018-09-28](#)
 - [WSO2 Carbon 4.4.X Update 2018-10-02](#)
 - [WSO2 Carbon 4.4.X Update 2018-10-09](#)
 - [WSO2 Carbon 4.4.X Update 2018-10-08](#)
 - [WSO2 Carbon 4.4.X Update 2018-10-08](#)
 - [WSO2 Carbon 4.4.X Update 2018-10-11](#)
 - [WSO2 Carbon 4.4.X Update 2018-10-13](#)
 - [WSO2 Carbon 4.4.X Update 2018-10-16](#)
 - [WSO2 Carbon 4.4.X Update 2018-11-05](#)
 - [WSO2 Carbon 4.4.X Update 2018-11-08](#)
 - [WSO2 Carbon 4.4.X Update 2018-11-08](#)
 - [WSO2 Carbon 4.4.X Update 2018-11-10](#)
 - [WSO2 Carbon 4.4.X Update 2018-11-12](#)
 - [WSO2 Carbon 4.4.X Update 2018-11-13](#)
 - [WSO2 Carbon 4.4.X Update 2018-11-15](#)
 - [WSO2 Carbon 4.4.X Update 2018-11-24](#)
 - [WSO2 Carbon 4.4.X Update 2018-11-26](#)
 - [WSO2 Carbon 4.4.X Update 2018-11-26](#)
 - [WSO2 Carbon 4.4.X Update 2018-11-26](#)
 - [WSO2 Carbon 4.4.X Update 2018-11-26](#)
 - [WSO2 Carbon 4.4.X Update 2018-11-27](#)
 - [WSO2 Carbon 4.4.X Update 2018-11-27](#)
 - [WSO2 Carbon 4.4.X Update 2018-12-07](#)
 - [WSO2 Carbon 4.4.X Update 2018-12-07](#)
 - [WSO2 Carbon 4.4.X Update 2018-12-10](#)
 - [WSO2 Carbon 4.4.X Update 2018-12-13](#)
 - [WSO2 Carbon 4.4.X Update 2018-12-14](#)
 - [WSO2 Carbon 4.4.X Update 2018-12-14](#)
 - [WSO2 Carbon 4.4.X Update 2018-12-17](#)
 - [WSO2 Carbon 4.4.X Update 2018-12-20](#)
-

WSO2 Carbon 4.4.X Update 2018-09-28

Error [1] comes when using identity-outbound-auth-passwordPolicy-1.0.7 with the IS 5.6.0.

Bug Fixes

- [wso2/product-is#3769](#) - Java Security Manager Privilege Block Error

Instructions

N/A

WSO2 Carbon 4.4.X Update 2018-10-02

This WUM update facilitates adding ReCaptcha for account recovery, that is, forgot username and password scenarios.

Bug Fixes

- [wso2/product-is#3777](#) - Need to Support Captcha Validation for Account Recovery

Instructions

1. Set up reCaptcha with the WSO2 Identity Server. For instructions on how to do this and more information about reCaptcha, see [Setting Up ReCaptcha](#).
2. Start the WSO2 Identity Server and log in to the management console.
3. Click on List under Identity Providers on the Main tab and then click Resident Identity Provider.
4. Expand the Account Management Policies tab and then expand the Account Recovery tab.
5. Select the Enable reCaptcha checkbox to enable reCaptcha for the username recovery/password recovery flow.

WSO2 Carbon 4.4.X Update 2018-10-08

Add timezone support for stats and add hit count info to api resource usage chart

Bug Fixes

- [wso2/product-apim#3776](#) - Add timezone support for stats
- [wso2/product-apim#3787](#) - Add hit count info to api resource

Instructions

N/A

WSO2 Carbon 4.4.X Update 2018-10-08

This update provides the support for encrypted SAML assertion in management console SSO.

Bug Fixes

- [wso2/product-is#3785](#) - Unable to login to the management console with encrypted SAML Assertion

WSO2 Carbon 4.4.X Update 2018-10-08

This update changing the structure of the identity XML file to enable reCaptcha for account recovery.

Bug Fixes

- [wso2/product-is#3777](#) - Need to Support Captcha Validation for Account Recovery

Instructions

```
1. You can enable the reCaptcha using management console, where management console -> Identity Providers -> Resident Identity Provider -> Account Management Policies tab -> Account Recovery tab, then, select the Enable reCaptcha checkbox to enable reCaptcha for the username recovery/password recovery flow.
2. Otherwise, if you wish to configure account recovery reCaptcha globally then, Navigate to the <IS_HOME>/repository/conf/identity/identity.xml file and add the following ReCaptcha configurations under the recovery block.
Tip: To avoid any configuration issues, do this before starting up the WSO2 Identity Server product instance.
<Recovery>
<ReCaptcha>
<Password>
<Enable>true</Enable>
</Password>
<Username>
<Enable>true</Enable>
</Username>
</ReCaptcha>
.....
</Recovery>
```

WSO2 Carbon 4.4.X Update 2018-10-09

The WSO2 in-place updates tool allows you to update your currently used product by fetching updates from the server and merging all configurations and files. The tool also gives backup and restore capability.

Bug Fixes

- [wso2/carbon-kernel#1861](#) - Add In-place updates client

Instructions

N/A

WSO2 Carbon 4.4.X Update 2018-10-11

Fixing the issue cipher Tool throws InvalidPathException in Windows

Bug Fixes

- [wso2/cipher-tool#36](#) - Fixing the issue cipher Tool throws InvalidPathException in Windows

Instructions

```
(i) Shutdown the server, if you have already started.  
(ii) Copy the resource lib/org.wso2.ciphertool-1.0.0-wso2v8.jar to <CARBON_SERVER>/lib/  
(iii) Restart the server with :  
Linux/Unix : sh wso2server.sh  
Windows : wso2server.bat
```

WSO2 Carbon 4.4.X Update 2018-10-13

This update fixes the issue with illegal character in XML payloads by replacing illegal characters.

Bug Fixes

- [wso2/wso2-axiom#39](#) - Replace illegal characters sent in XML payload

Instructions

```
If the file 'XMLOutputFactory.properties' does not exist in the  
<PRODUCT_HOME> directory create the file. Add the following entry to the  
'XMLOutputFactory.properties' to replace illegal XML characters with spaces.  
com.ctc.wstx.outputInvalidCharHandler.char=u0020
```

WSO2 Carbon 4.4.X Update 2018-10-16

Fix Stored XSS vulnerability in Add User Store page description field

Instructions

None

Please note that this is a security update. For more information please view [Security Advisory WSO2-2017-0197](#)

WSO2 Carbon 4.4.X Update 2018-10-25

This update fixes ClassNotFoundException when retrieving consent purposes and authorize flow in Windows

Bug Fixes

- [wso2/product-is#3801](#) - ClassNotFoundException when retrieving consent purposes and authorize flow in Windows

WSO2 Carbon 4.4.X Update 2018-10-26

This update fixes the performance degradation due to the default cache size change.

Bug Fixes

- [wso2/product-apim#3874](#) - APIM performance degradation due to reduction in cache size
-

WSO2 Carbon 4.4.X Update 2018-10-26

This update supports encrypted SAML assertion in carbon console SSO.

Bug Fixes

- [wso2/product-is#3785](#) - Unable to login to the management console with encrypted SAML Assertion
-

WSO2 Carbon 4.4.X Update 2018-10-26

This update fixes ClassNotFoundException by adding apache commons lang dependency version range.

Bug Fixes

- [wso2/product-is#3801](#) - ClassNotFoundException when retrieving consent purposes and authorize flow in Windows
-

WSO2 Carbon 4.4.X Update 2018-11-05

When invalid credentials are provided for a SP with adaptive authentication enabled, Results in Something went wrong during the authentication process.

Handle back button in Identifier first login.

Fix User ID Claim URI in identity provider UI is not saving properly.

Fix issues in conditional authentication scripts UI in IE browser.

Bug Fixes

- [wso2/product-is#3870](#) - User ID Claim URI in identity provider UI is not saving properly
- [wso2/product-is#3887](#) - UserID claim URI and role mapping not working in seamless JIT mode
- [wso2/product-is#3711](#) - showAuthFailureReason not working with script based
- [wso2/product-is#3856](#) - Fixing issue in Identifier First Authenticator-showAuthFailureReason not working with script based

Instructions

```
If you have customized the repository/deployment/server/webapps/authenticationendpoint, please
backup the existing repository/deployment/server/webapps/authenticationendpoint, extract repository
/deployment/server/webapps/authenticationendpoint.war and apply your custom changes to relevant .
jsp files.
```

WSO2 Carbon 4.4.X Update 2018-11-08

API method to get the resources for a role in the RemoteAuthorizationManagerService would be useful when clients require to cache permissions against roles from their end.

Bug Fixes

- [wso2/product-is#3878](#) - Provide API to retrieve resources for a role

Instructions

N/A

WSO2 Carbon 4.4.X Update 2018-11-08

API method to get the resources for a role in the RemoteAuthorizationManagerService would be useful when clients require to cache permissions against roles from their end.

Bug Fixes

- [wso2/product-is#3878](#) - Provide API to retrieve resources for a role

Instructions

N/A

WSO2 Carbon 4.4.X Update 2018-11-10

nonce parameter only checked as a query parameter, ignoring request object parameters

Bug Fixes

- [wso2/product-is#3902](#) - nonce parameter only checked as a query parameter, ignoring request object parameters

Instructions

None

WSO2 Carbon 4.4.X Update 2018-11-12

This is the fix to support array of values in the XACML JSON request profile.

Bug Fixes

- [wso2/product-is#3918](#) - XACML Attribute Value Array not working in the pdp endpoint

Instructions

If you have any customizations in the web-app api#identity#entitlement, please add them manually after applying the WUM update

WSO2 Carbon 4.4.X Update 2018-11-13

This update can be used to filter out any configured sensitive parameters in the authentication and consent flow redirect urls and make the filtered parameters available through a separate API.

Bug Fixes

- [wso2/product-is#3949](#) - Provide an API to get filtered redirect parameters

Instructions

Redirect URL parameter filtering should be configured at application-authentication.xml under 'AuthenticationEndpointRedirectParams' as follows.

```
<AuthenticationEndpointRedirectParams action="exclude" removeOnConsumeFromAPI="true">
<AuthenticationEndpointRedirectParam name="loggedInUser"/>
<AuthenticationEndpointRedirectParam name="subject"/>
</AuthenticationEndpointRedirectParams>
```

The 'action' attribute defines whether to 'include' the given parameters (and exclude all others) or, whether to 'exclude' the given parameter (and include all others).

The 'removeOnConsumeFromAPI' attribute defines whether to remove parameters upon read. When true, the parameters are made unavailable for the API requests until they are repopulated with new values (eg. in case of proceeding a authentication step). This property can be used to prevent any replay requests being served.

These parameters can be retrieved at following endpoint with a GET request as follows.
`https://<host>:<port>/api/identity/auth/v1.1/data/<keyType>/<sessionKey>`

<keyType> represent the correlation key type. Currently 'AuthRequestKey' is supported for authentication framework (for 'sessionDataKey') and 'OAuthConsentKey' is supported at oauth consent page (for 'sessionDataKeyConsent')

<sessionKey> represent the correlation id, which should have the value 'sessionDataKey' or 'sessionDataKeyConsent'.

eg.

`https://localhost:9443/api/identity/auth/v1.1/data/AuthRequestKey/9cc67cdc-4305-477c-a9fe-81ecaf75064d`

`https://localhost:9443/api/identity/auth/v1.1/data/OAuthConsentKey/85b72b25-82c9-4670-a6d9-5e7dd83082fa`

To enable authentication for this REST API, please refer <https://docs.wso2.com/display/IS570/Authenticating+and+Authorizing+REST+APIs>

WSO2 Carbon 4.4.X Update 2018-11-15

This update is to store the user last modification time claim in UTC time zone.

Bug Fixes

- [wso2/product-is#3928](#) - Last Modified Time in the claim

Instructions

To enable this behaviour, need to start the IS server with the flag '-Dscim2.compliance=true'

WSO2 Carbon 4.4.X Update 2018-11-15

This update encodes some variables in edit-oidc-claims-finish-ajaxprocessor.jsp

Please note that this is a security update. For more information please view [Security Advisory WSO2-2018-0504](#)

WSO2 Carbon 4.4.X Update 2018-11-19

This update improves OAuth2 URI validation to support mobile callbacks.

Bug Fixes

- [wso2/product-is#3985](#) - Need to improve OAuth2 URI validation to support mobile callbacks
-

WSO2 Carbon 4.4.X Update 2018-11-19

This update introduces a new function called 'getAssociatedLocalUser' to get the locally associated user of a federated user in an adaptive authentication script.

Bug Fixes

- [wso2/product-is#3984](#) - Introduce new function to get the locally associated user of a federated user
-

WSO2 Carbon 4.4.X Update 2018-11-19

This update fixes the inability to associate federated users to local users using dashboard

Bug Fixes

- [wso2/product-is#3964](#) - Unable to associate federated users to local users using dashboard
-

WSO2 Carbon 4.4.X Update 2018-11-19

This update provides the ability to get the acr claim from the ID token.

Bug Fixes

- [wso2-extensions/identity-inbound-auth-oauth#975](#) - SelectedAcr field not populated in OAuth2AuthorizeReqDTO from context
-

WSO2 Carbon 4.4.X Update 2018-11-24

This update adds correlation logs for JDBC and LDAP calls

Bug Fixes

- [wso2/carbon-kernel#1863](#) - Adding correlation logs for JDBC and LDAP calls

Instructions

```
Add below code set to the <CARBON_SERVER>/repository/conf/log4j.properties file and save.
If the log4j.properties file already consists of this segment, skip this step.
# Appender config to put correlation Log.
log4j.logger.correlation=INFO, CORRELATION
log4j.additivity.correlation=false
log4j.appender.CORRELATION=org.apache.log4j.RollingFileAppender
log4j.appender.CORRELATION.File=${carbon.home}/repository/logs/${instance.log}/correlation.log
log4j.appender.CORRELATION.MaxFileSize=10MB
log4j.appender.CORRELATION.layout=org.apache.log4j.PatternLayout
log4j.appender.CORRELATION.Threshold=INFO
log4j.appender.CORRELATION.layout.ConversionPattern=%d{yyyy-MM-dd HH:mm:ss,SSS} |%X{Correlation-ID} |%
t|%m%n
Add below system property to the <CARBON_SERVER>/bin/wso2server.sh and save. By default this logs
are disabled. Set this value to true for enable the feature.
-DenableCorrelationLogs=false \
Add below value under <Host> tag in <CARBON_SERVER>/repository/conf/tomcat/catalina-server.xml and
save.
<Valve className="org.wso2.carbon.tomcat.ext.valves.RequestCorrelationIdValve"
headerToCorrelationIdMapping="{ 'activityid': 'Correlation-ID' }" queryToCorrelationIdMapping="
{ 'RelayState': 'Correlation-ID' }" />
```

WSO2 Carbon 4.4.X Update 2018-11-24

This update fixes an issue in specifically selecting a FIDP with Adaptive Authentication.

Bug Fixes

- [wso2/product-is#3983](#) - Specific IDP selection is not function with Adaptive Authentication

WSO2 Carbon 4.4.X Update 2018-11-24

This update fixes an issue in ask password and password recovery flows for tenants.

Bug Fixes

- [wso2/product-is#3880](#) - Ask password and password recovery flows are not functioning for tenants

WSO2 Carbon 4.4.X Update 2018-11-26

Implement SAML metadata enhancements by providing,

- 1) Configure validity time through UI
- 2) Add destination URL's to metadata response
- 3) Add "WantAuthnRequestsSigned" in IDPSSODescriptor
- 4) sign the Resident IdP SAML metadata

Bug Fixes

- [wso2/product-is#3884](#) - UI feature to set the validity period of 'validUntil' tag of Resident IDP SAML metadata returned

Instructions

```
Add the following configuration to your your identity.xml in IS_HOME/repository/conf/identity
/identity.xml

<SAMLMetadataValidityPeriod>60</SAMLMetadataValidityPeriod>
<SAMLMetadataSigningEnabled>>false</SAMLMetadataSigningEnabled>
```

WSO2 Carbon 4.4.X Update 2018-11-26

Implement SAML metadata enhancements by providing,

- 1) Configure validity time through UI
- 2) Add destination URL's to metadata response
- 3) Add "WantAuthnRequestsSigned" in IDPSSODescriptor
- 4) sign the Resident IdP SAML metadata

Bug Fixes

- [wso2/product-is#3884](#) - UI feature to set the validity period of 'validUntil' tag of Resident IDP SAML metadata returned

Instructions

```
Add the following configuration to your your identity.xml in IS_HOME/repository/conf/identity/identity.xml
```

```
<SAMLMetadataValidityPeriod>60</SAMLMetadataValidityPeriod>
<SAMLMetadataSigningEnabled>>false</SAMLMetadataSigningEnabled>
```

WSO2 Carbon 4.4.X Update 2018-11-26

Implement SAML metadata enhancements by providing,

- 1) Configure validity time through UI
- 2) Add destination URL's to metadata response
- 3) Add "WantAuthnRequestsSigned" in IDPSSODescriptor
- 4) sign the Resident IdP SAML metadata

Bug Fixes

- [wso2/product-is#3884](#) - UI feature to set the validity period of 'validUntil' tag of Resident IDP SAML metadata returned

Instructions

```
Add the following configuration to your your identity.xml in IS_HOME/repository/conf/identity/identity.xml
```

```
<SAMLMetadataValidityPeriod>60</SAMLMetadataValidityPeriod>
<SAMLMetadataSigningEnabled>>false</SAMLMetadataSigningEnabled>
```

WSO2 Carbon 4.4.X Update 2018-11-26

This update includes fixes related to OIDC flow.

Bug Fixes

- [wso2/product-is#4018](#) - Remove session_state parameter from OIDC Deny Response
- [wso2/product-is#4009](#) - Add support for request object in hybrid flow and fix issues with acr claim
- [wso2/product-is#4017](#) - Improve OpenID Connect discovery endpoint

Instructions

This update is copying updated oauth2.war file into the <CARBON_HOME>/repository/deployment/server/webapps/ folder. In order to let these updated files get extracted and affect the server, backup and delete existing <CARBON_HOME>/repository/deployment/server/webapps/oauth2 folder before starting the server.

WSO2 Carbon 4.4.X Update 2018-11-27

Implement SAML metadata enhancements by providing,

- 1) Configure validity time through UI
- 2) Add destination URL's to metadata response
- 3) Add "WantAuthnRequestsSigned" in IDPSSODescriptor
- 4) sign the Resident IdP SAML metadata

Bug Fixes

- [wso2/product-is#3884](#) - UI feature to set the validity period of 'validUntil' tag of Resident IDP SAML metadata returned

Instructions

Add the following configuration to your your identity.xml in IS_HOME/repository/conf/identity/identity.xml

```
<SAMLMetadataValidityPeriod>60</SAMLMetadataValidityPeriod>
<SAMLMetadataSigningEnabled>>false</SAMLMetadataSigningEnabled>
```

WSO2 Carbon 4.4.X Update 2018-11-27

Implement SAML metadata enhancements by providing,

- 1) Configure validity time through UI
- 2) Add destination URL's to metadata response
- 3) Add "WantAuthnRequestsSigned" in IDPSSODescriptor
- 4) sign the Resident IdP SAML metadata

Bug Fixes

- [wso2/product-is#3884](#) - UI feature to set the validity period of 'validUntil' tag of Resident IDP SAML metadata returned

Instructions

Add the following configuration to your your identity.xml in IS_HOME/repository/conf/identity/identity.xml

```
<SAMLMetadataValidityPeriod>60</SAMLMetadataValidityPeriod>
<SAMLMetadataSigningEnabled>>false</SAMLMetadataSigningEnabled>
```

WSO2 Carbon 4.4.X Update 2018-12-05

This update fixes invalid backend URL is getting generated in the password recovery flow when hostname has services string

Bug Fixes

- [wso2/product-is#4046](#) - Invalid backend URL is getting generated in the password recovery flow when hostname has 'services' string
-

WSO2 Carbon 4.4.X Update 2018-12-05

This update fixes an issue in the SCIM2 user filtering API when filtering with username.

Bug Fixes

- [wso2/product-is#4016](#) - SCIM2 does not return expected results
-

WSO2 Carbon 4.4.X Update 2018-12-05

This update is to introduce the support of HTML templates in emails with IS 5.7.0

Bug Fixes

- [wso2-extensions/identity-outbound-auth-email-otp#27](#) - Feature to support of HTML templates in emails
-

WSO2 Carbon 4.4.X Update 2018-12-07

Fix challenge questions set cannot add after delete all existing challenge questions

Bug Fixes

- [wso2/product-is#3939](#) - Challenge Questions Set cannot add after delete all existing challenge questions
-

WSO2 Carbon 4.4.X Update 2018-12-07

This update fixes an error when loading the Resident Identity Provider UI.

Bug Fixes

- [wso2/carbon-identity-framework#2004](#) - Exception occurred when trying to load the Resident Identity Provider
-

WSO2 Carbon 4.4.X Update 2018-12-07

Enable ':' character usage in the password while invoking REST APIs

Bug Fixes

- [wso2/product-is#4136](#) - Enable ':' character usage in the password while invoking REST APIs

Instructions

N/A

WSO2 Carbon 4.4.X Update 2018-12-07

Make signing and digest algorithms used by SAML token issuer configurable

Instructions

Add the following configuration under security in carbon.xml

```
<STSSignatureAlgorithm>http://www.w3.org/2001/04/xmldsig-more#rsa-sha256</STSSignatureAlgorithm>  
<STSDigestAlgorithm>http://www.w3.org/2001/04/xmlenc#sha256</STSDigestAlgorithm>
```

Restart the server.

Please note that this is a security update. For more information please view [Security Advisory WSO2-2018-0517](#)

WSO2 Carbon 4.4.X Update 2018-12-09

This update fixes the issue where redirection fails to login page after username recovery flow.

Bug Fixes

- [wso2/product-is#4124](#) - Redirection fails after username recovery flow

WSO2 Carbon 4.4.X Update 2018-12-10

This update includes improvements incorporated to the forgetme tool to configure and extend reports generated at tool execution, and the extension introduced to connect with user stores for username rename extended usecase.

Bug Fixes

- [wso2/identity-anonymization-tool#90](#) - Support configuring reports that generates upon tool execution
- [wso2/product-is#4116](#) - Support renaming the username
- [wso2/identity-anonymization-tool#91](#) - Tool dependencies are not updated to include userstore extension in the tool

WSO2 Carbon 4.4.X Update 2018-12-10

This update introduces a REST API endpoint to support updating a username of a user.

Bug Fixes

- [wso2/product-is#4116](#) - Support renaming the username

Instructions

API context URL -
`https://{host}:{port}/t/{tenant-domain}/api/identity/user/v1.0/update-username path.`

Sample Request -
`curl -k -v -X PUT -H "Authorization: Basic <Base64Encoded_username:password>" -H "Content-Type: application/json" -d '{ "tenantDomain": "foo.com", "realm": "sales", "existingUsername": "john@abc.com", "newUsername": "john@xyz.com"}' "https://localhost:9443/api/identity/user/v1.0/update-username"`

The API is designed to work as below upon a username update request.

1. Validate the username update request
2. Disable the account of the user (Applied when user account disabling is enabled [1] for the respective tenant)
3. Perform username update (Invokes forgetme tool)
4. Enable the account of the user

With this update, disabling the user account at step (2), will terminate all active sessions of the user.

[1] <https://docs.wso2.com/display/IS570/Account+Disabling>

Prerequisites

1. Enable session termination when the user account gets disabled.

Note -

Once below steps are applied active sessions of the user will be terminated upon following events

- When the user account is disabled
- When the user account is locked
- When the password is updated

(i) Apply following schema for the database referred as the datasource from <PRODUCT_HOME>/repository/conf/identity/identity.xml file.

h2 -

```
CREATE TABLE IF NOT EXISTS IDN_AUTH_USER (
  USER_ID VARCHAR(255) NOT NULL,
  USER_NAME VARCHAR(255) NOT NULL,
  TENANT_ID INTEGER NOT NULL,
  DOMAIN_NAME VARCHAR(255) NOT NULL,
  IDP_ID INTEGER NOT NULL,
  PRIMARY KEY (USER_ID),
  CONSTRAINT USER_STORE_CONSTRAINT UNIQUE (USER_NAME, TENANT_ID, DOMAIN_NAME, IDP_ID));
CREATE TABLE IF NOT EXISTS IDN_AUTH_USER_SESSION_MAPPING (
  USER_ID VARCHAR(255) NOT NULL,
  SESSION_ID VARCHAR(255) NOT NULL,
  CONSTRAINT USER_SESSION_STORE_CONSTRAINT UNIQUE (USER_ID, SESSION_ID));
CREATE INDEX IDX_USER_ID ON IDN_AUTH_USER_SESSION_MAPPING (USER_ID);
CREATE INDEX IDX_SESSION_ID ON IDN_AUTH_USER_SESSION_MAPPING (SESSION_ID);
```

db2 -

```
CREATE TABLE IDN_AUTH_USER (
  USER_ID VARCHAR(255) NOT NULL,
  USER_NAME VARCHAR(255) NOT NULL,
  TENANT_ID INTEGER NOT NULL,
  DOMAIN_NAME VARCHAR(255) NOT NULL,
  IDP_ID INTEGER NOT NULL,
  PRIMARY KEY (USER_ID),
  CONSTRAINT USER_STORE_CONSTRAINT UNIQUE (USER_NAME, TENANT_ID, DOMAIN_NAME, IDP_ID)
)
/
CREATE TABLE IDN_AUTH_USER_SESSION_MAPPING (
  USER_ID VARCHAR(255) NOT NULL,
  SESSION_ID VARCHAR(255) NOT NULL,
  CONSTRAINT USER_SESSION_STORE_CONSTRAINT UNIQUE (USER_ID, SESSION_ID)
)
/
CREATE INDEX IDX_USER_ID ON IDN_AUTH_USER_SESSION_MAPPING (USER_ID)
/
CREATE INDEX IDX_SESSION_ID ON IDN_AUTH_USER_SESSION_MAPPING (SESSION_ID)
/
```

mssql -

```
IF NOT EXISTS (SELECT * FROM SYS.OBJECTS WHERE OBJECT_ID = OBJECT_ID(N'[DBO].[IDN_AUTH_USER]') AND
TYPE IN (N'U'))
CREATE TABLE IDN_AUTH_USER (
  USER_ID VARCHAR(255) NOT NULL,
  USER_NAME VARCHAR(255) NOT NULL,
  TENANT_ID INTEGER NOT NULL,
```

```

DOMAIN_NAME VARCHAR(255) NOT NULL,
IDP_ID INTEGER NOT NULL,
PRIMARY KEY (USER_ID),
CONSTRAINT USER_STORE_CONSTRAINT UNIQUE (USER_NAME, TENANT_ID, DOMAIN_NAME, IDP_ID));
IF NOT EXISTS (SELECT * FROM SYS.OBJECTS WHERE OBJECT_ID = OBJECT_ID(N'[DBO].[
IDN_AUTH_USER_SESSION_MAPPING]')) AND TYPE IN (N'U'))
CREATE TABLE IDN_AUTH_USER_SESSION_MAPPING (
USER_ID VARCHAR(255) NOT NULL,
SESSION_ID VARCHAR(255) NOT NULL,
CONSTRAINT USER_SESSION_STORE_CONSTRAINT UNIQUE (USER_ID, SESSION_ID));
CREATE INDEX IDX_USER_ID ON IDN_AUTH_USER_SESSION_MAPPING (USER_ID);
CREATE INDEX IDX_SESSION_ID ON IDN_AUTH_USER_SESSION_MAPPING (SESSION_ID);

```

```

mysql -
CREATE TABLE IF NOT EXISTS IDN_AUTH_USER (
USER_ID VARCHAR(255) NOT NULL,
USER_NAME VARCHAR(255) NOT NULL,
TENANT_ID INTEGER NOT NULL,
DOMAIN_NAME VARCHAR(255) NOT NULL,
IDP_ID INTEGER NOT NULL,
PRIMARY KEY (USER_ID),
CONSTRAINT USER_STORE_CONSTRAINT UNIQUE (USER_NAME, TENANT_ID, DOMAIN_NAME, IDP_ID));
CREATE TABLE IF NOT EXISTS IDN_AUTH_USER_SESSION_MAPPING (
USER_ID VARCHAR(255) NOT NULL,
SESSION_ID VARCHAR(255) NOT NULL,
CONSTRAINT USER_SESSION_STORE_CONSTRAINT UNIQUE (USER_ID, SESSION_ID));
CREATE INDEX IDX_USER_ID ON IDN_AUTH_USER_SESSION_MAPPING (USER_ID);
CREATE INDEX IDX_SESSION_ID ON IDN_AUTH_USER_SESSION_MAPPING (SESSION_ID);

```

```

oracle -
CREATE TABLE IDN_AUTH_USER (
USER_ID VARCHAR(255) NOT NULL,
USER_NAME VARCHAR(255) NOT NULL,
TENANT_ID INTEGER NOT NULL,
DOMAIN_NAME VARCHAR(255) NOT NULL,
IDP_ID INTEGER NOT NULL,
PRIMARY KEY (USER_ID),
CONSTRAINT USER_STORE_CONSTRAINT UNIQUE (USER_NAME, TENANT_ID, DOMAIN_NAME, IDP_ID)
)
/
CREATE TABLE IDN_AUTH_USER_SESSION_MAPPING (
USER_ID VARCHAR(255) NOT NULL,
SESSION_ID VARCHAR(255) NOT NULL,
CONSTRAINT USER_SESSION_STORE_CONSTRAINT UNIQUE (USER_ID, SESSION_ID)
)
/
CREATE INDEX IDX_USER_ID ON IDN_AUTH_USER_SESSION_MAPPING (USER_ID)
/
CREATE INDEX IDX_SESSION_ID ON IDN_AUTH_USER_SESSION_MAPPING (SESSION_ID)
/

```

```

postgres -
DROP TABLE IF EXISTS IDN_AUTH_USER;
CREATE TABLE IDN_AUTH_USER (
USER_ID VARCHAR(255) NOT NULL,
USER_NAME VARCHAR(255) NOT NULL,
TENANT_ID INTEGER NOT NULL,
DOMAIN_NAME VARCHAR(255) NOT NULL,
IDP_ID INTEGER NOT NULL,
PRIMARY KEY (USER_ID),
CONSTRAINT USER_STORE_CONSTRAINT UNIQUE (USER_NAME, TENANT_ID, DOMAIN_NAME, IDP_ID));
DROP TABLE IF EXISTS IDN_AUTH_USER_SESSION_MAPPING;
CREATE TABLE IDN_AUTH_USER_SESSION_MAPPING (
USER_ID VARCHAR(255) NOT NULL,
SESSION_ID VARCHAR(255) NOT NULL,
CONSTRAINT USER_SESSION_STORE_CONSTRAINT UNIQUE (USER_ID, SESSION_ID));
CREATE INDEX IDX_USER_ID ON IDN_AUTH_USER_SESSION_MAPPING (USER_ID);
CREATE INDEX IDX_SESSION_ID ON IDN_AUTH_USER_SESSION_MAPPING (SESSION_ID);

```

(ii) Apply below configuration within <SessionDataPersist> tag in <PRODUCT_HOME>/repository/conf/identity/identity.xml file.

```

<UserSessionMapping>
<Enable>true</Enable>
</UserSessionMapping>

```

(iii) Apply below configuration within <EventListeners> tag in <PRODUCT_HOME>/repository/conf/identity/identity.xml file.

```

<EventListener type="org.wso2.carbon.user.core.listener.UserOperationEventListener"
name="org.wso2.carbon.identity.mgt.listener.UserSessionTerminationListener"
orderId="85" enable="true"/>

```

2. Secure the API resource

```
Apply below configuration within <ResourceAccessControl> tag in <PRODUCT_HOME>/repository/conf/identity/identity.xml file.

<Resource context="(.)*/api/identity/user/v1.0/update-username(.)" secured="true" http-method="PUT">
<Permissions>/permission/admin/manage/identity/usermgt/update</Permissions>
</Resource>
```

WSO2 Carbon 4.4.X Update 2018-12-10

This update fixes invalid attribute names in secondary user stores.

Bug Fixes

- [wso2/product-is#4129](#) - Invalid attribute names in secondary user stores

WSO2 Carbon 4.4.X Update 2018-12-10

This update fixes invalid attribute names in secondary user stores.

Bug Fixes

- [wso2/product-is#4129](#) - Invalid attribute names in secondary user stores

WSO2 Carbon 4.4.X Update 2018-12-10

This update fixes a bug in cache invalidation related to XACML policies.

Bug Fixes

- [wso2/product-is#4140](#) - Cache invalidation is not happening properly for the simpleDecisionCache

WSO2 Carbon 4.4.X Update 2018-12-11

This update contains setting emailVerified value to true in successful password reset using notification and modification of returning 500 when password policy violation happens.

Bug Fixes

- [wso2/product-is#4128](#) - Set emailVerified value to true in successful password reset using notification
- [wso2/product-is#4145](#) - SCIM2 add user return 500 when password policy violation happens

WSO2 Carbon 4.4.X Update 2018-12-13

This fix adds the support for PS256 signing algorithm and adds the support for using a jwks end point for a service provider in addition to a public certificate.

Bug Fixes

- [wso2/product-is#4094](#) - Add the ability to use a jwks end point for service provider related signature validation processes.

Instructions

This update adds the support for using a jwks end point for a service provider in addition to a public certificate. In the management console, the user can select to either upload a certificate or give a jwks end point uri for the service provider.

Also, it modifies the private key jwt authenticator to use a jwks end point when validating the signature of an assertion if a certificate is not provided for the service provider.

Add the `org.wso2.carbon.identity.oauth2.token.handler.clientauth.jwt-1.0.9.jar` to `<IS_HOME>/repository/components/dropins` folder.

To enable PS256 signing algorithm, define algorithm in `<IS_HOME>/repository/conf/identity/identity.xml` as "SHA256withPS"

WSO2 Carbon 4.4.X Update 2018-12-13

Even after revoking the refresh token received from JWT bearer grant, same refresh token is received in subsequent token requests, which is fixed with this update.

Bug Fixes

- [wso2/product-is#4189](#) - Even after revoking the refresh token received from JWT Bearer grant same refresh token is received in subsequent token requests

WSO2 Carbon 4.4.X Update 2018-12-14

This update resolves the error when including '\b' and '\f' reserved characters within XML in ESB-5.0.0.

Bug Fixes

- [wso2/product-ei#2932](#) - JSON Reserved Characters \b and \f are not Handle Properly Within the XML

Instructions

N/A

WSO2 Carbon 4.4.X Update 2018-12-14

This update can be used to restrict filtering out any configured sensitive parameters in the authentication and consent flow redirect urls and make the filtered parameters available through a separate API.

Bug Fixes

- [wso2/product-is#4165](#) - OB Directory authorization URL parameters are available in the request

Instructions

```
Redirect URL parameter filtering should be allowed to the hosts which are configured in the
application-authentication.xml as follows.
<FilteringEnabledHostNames>
<HostName>host1</HostName>
<HostName>host2</HostName>
</FilteringEnabledHostNames>
Here the 'host1' and 'host2' are sample host names which should allow for parameter filtering.
```

WSO2 Carbon 4.4.X Update 2018-12-17

Add support for commitOnReturn and rollbackOnReturn and fix startup error issue, occurring when JDBC Interceptors are used in the datasources.

Bug Fixes

- [wso2/product-ei#2342](#) - Rollbacks on Oracle DB with Auto commit=false
- [wso2/product-is#4178](#) - Startup error occurs when JDBC Interceptors are used in the data sources.

Instructions

```
The JDBC connection pool of data sources with 'defaultAutoCommit' set to 'false' can be configured
to commit or rollback a pending transaction when the connection is returned to the pool. By default
pending transactions will not commit or rollback on connection return if 'defaultAutoCommit' is set
to 'false'.
1.To configure the connection pool to "commit" pending transactions on connection return, in
repository/conf/datasources/master-datasources.xml add the property, "commitOnReturn" and set it to
true for all the datasources, including the custom datasources (other data source files in
datasources directory).
<datasource>
<definition type="RDBMS">
<configuration>
<commitOnReturn>true</commitOnReturn>
...
2.To configure the connection pool to "rollback" pending transactions on connection return add the
"rollbackOnReturn" property to the datasources in repository/conf/datasources/master-datasources.xml
<datasource>
<definition type="RDBMS">
<configuration>
<rollbackOnReturn>true</rollbackOnReturn>
...
3.If both "commitOnReturn" and "rollbackOnReturn" properties are set to true, rollbackOnReturn
property will be given priority.
```

WSO2 Carbon 4.4.X Update 2018-12-20

This update provides a fix for the group displayName format inconsistency in SCIM2 filtering via different endpoints. In addition to that, it also addresses a known limitation in IS where Eq operation not strictly checking for the String match (cross user store search should not be performed).

Bug Fixes

- [wso2/product-is#4175](#) - Inconsistency in SCIM2 group's displayName attribute format when filtering via different endpoints
- [wso2/product-is#3973](#) - Eq should strictly check for the String match (in this case cross user store search should not be performed)

Instructions

```
In order to maintain the backward compatibility, this functionality is enabled with a
configuration. Therefore in order to get the fixes in this update, add following property under
<SCIM2> tag in <IS_HOME>/repository/conf/identity/identity.xml file.
<EnableFilteringEnhancements>true</EnableFilteringEnhancements>
```

WSO2 Carbon 4.4.X Update 2018-12-20

This update introduces the WSO2 Identity Server Configuration Management Rest API.

Bug Fixes

- [wso2/product-is#4229](#) - This will be a common place to store configurations in WSO2 Identity Server.
-

WSO2 Carbon 4.4.X Update 2018-12-25

When the data-bridge agent cannot connect to the a node in a failover configuration, the agent prints exception continuously. This fixes that issue and ensure only one log prints when the connection fails.

Bug Fixes

- [wso2/analytics-apim#599](#) - Analytics Failover configurations gives an error
-

Security Advisories

Security Advisory WSO2-2017-0197

Overview

A potential Reflected Cross-Site Scripting (XSS) vulnerability has been identified in the Management Console.

Description

This vulnerability is discovered in the Add User Store page in the Management Console. However, exploiting the vulnerability remotely is not possible as the malicious script should be injected to a textbox after accessing the web page in the user's browser where the script would run as a result of a javascript event bound to the text box.

Severity

Low

Impact

By leveraging an XSS attack, an attacker can make the browser get redirected to a malicious website, make changes in the UI of the web page, retrieve information from the browser or harm otherwise.

However, since all the session related sensitive cookies are set with httpOnly flag and protected, session hijacking or similar attack would not be possible.

Solution

The recommended solution is to apply the provided patch/update to the affected versions of the products.

Notes

We have already tested these updates/patches in-house. However, we strongly recommend you to test this in your development/test environments before applying to the production setups.

Credits

N/A

Security Advisory **WSO2-2018-0504**

Overview

A potential Reflected Cross-Site Scripting (XSS) vulnerability has been identified in the Management Console.

Description

This vulnerability is discovered in the OIDC claim update flow in the Management Console.

Severity

Low

Impact

By leveraging an XSS attack, an attacker can make the browser get redirected to a malicious website, make changes in the UI of the web page, retrieve information from the browser or harm otherwise.

Solution

The recommended solution is to apply the provided patch/update to the affected versions of the products.

Notes

We have already tested these updates/patches in-house. However, we strongly recommend you to test this in your development/test environments before applying to the production setups.

Credits

N/A

Security Advisory **WSO2-2018-0517**

Overview

Make the signing algorithm of SAML SSO and SLO requests configurable.

Description

When signing a SAML Single Sign On (SSO) or Single Logout (SLO) request, WSO2 server currently uses SHA-1 hashing and it is not configurable. With this fix, the signing algorithm is made configurable and encouraged to use SHA-256.

Severity

Low

Impact

When using SHA-1 hashing, since it is proven to have collisions, an attacker might be able to forge a signed SAML SSO/SLO request which then can be used to gain the SAML authentication response /assertion or forcefully logout the user.

Solution

The recommended solution is to apply the provided patch/update to the affected versions of the products.

Notes

We have already tested these updates/patches in-house. However, we strongly recommend you to test this in your development/test environments before applying to the production setups.

Credits

-

Updated Files

- dbscripts/identity/mysql-5.7.sql
- lib/org.wso2.ciphertool-1.0.0-wso2v8.jar
- repository/components/dropins/org.wso2.carbon.identity.application.authentication.handler.identifier-6.0.6.jar
- repository/components/dropins/org.wso2.carbon.identity.local.auth.api.core-2.1.1.jar
- repository/components/plugins/axiom_1.2.11.wso2v11.jar
- repository/components/plugins/javax.cache.wso2_4.4.35.jar
- repository/components/plugins/org.wso2.carbon.database.utils_2.0.7.jar
- repository/components/plugins/org.wso2.carbon.databridge.agent_5.1.42.jar
- repository/components/plugins/org.wso2.carbon.email.mgt_1.0.21.jar
- repository/components/plugins/org.wso2.carbon.identity.application.authentication.framework_5.12.153.jar
- repository/components/plugins/org.wso2.carbon.identity.application.common_5.12.153.jar
- repository/components/plugins/org.wso2.carbon.identity.application.mgt.ui_5.12.153.jar
- repository/components/plugins/org.wso2.carbon.identity.auth.service_1.1.20.jar
- repository/components/plugins/org.wso2.carbon.identity.authenticator.saml2.sso.common_5.2.9.jar
- repository/components/plugins/org.wso2.carbon.identity.authenticator.saml2.sso.ui_5.2.9.jar
- repository/components/plugins/org.wso2.carbon.identity.authenticator.saml2.sso_5.2.9.jar
- repository/components/plugins/org.wso2.carbon.identity.base_5.12.153.jar
- repository/components/plugins/org.wso2.carbon.identity.captcha_1.1.37.jar
- repository/components/plugins/org.wso2.carbon.identity.conditional.auth.functions.user_0.1.29.jar
- repository/components/plugins/org.wso2.carbon.identity.data.publisher.audit.common_1.0.3.jar
- repository/components/plugins/org.wso2.carbon.identity.discovery_6.0.53.jar
- repository/components/plugins/org.wso2.carbon.identity.entitlement_5.12.153.jar
- repository/components/plugins/org.wso2.carbon.identity.event_5.12.153.jar
- repository/components/plugins/org.wso2.carbon.identity.idp.metadata.saml2_1.0.5.jar
- repository/components/plugins/org.wso2.carbon.identity.mgt_5.12.153.jar
- repository/components/plugins/org.wso2.carbon.identity.oauth.common_6.0.53.jar
- repository/components/plugins/org.wso2.carbon.identity.oauth.ui_6.0.53.jar
- repository/components/plugins/org.wso2.carbon.identity.oauth_6.0.53.jar
- repository/components/plugins/org.wso2.carbon.identity.oidc.session_6.0.53.jar
- repository/components/plugins/org.wso2.carbon.identity.recovery.ui_1.1.37.jar
- repository/components/plugins/org.wso2.carbon.identity.recovery_1.1.37.jar
- repository/components/plugins/org.wso2.carbon.identity.scim2.common_1.2.7.jar
- repository/components/plugins/org.wso2.carbon.identity.sso.saml.ui_5.4.22.jar
- repository/components/plugins/org.wso2.carbon.identity.sts.passive_5.2.16.jar
- repository/components/plugins/org.wso2.carbon.identity.user.store.configuration.ui_5.12.153.jar
- repository/components/plugins/org.wso2.carbon.idp.mgt.ui_5.12.153.jar
- repository/components/plugins/org.wso2.carbon.idp.mgt_5.12.153.jar
- repository/components/plugins/org.wso2.carbon.ndatasource.rdbms_4.4.35.jar
- repository/components/plugins/org.wso2.carbon.registry.core_4.4.35.jar
- repository/components/plugins/org.wso2.carbon.registry.indexing_4.6.38.jar
- repository/components/plugins/org.wso2.carbon.sts_5.2.16.jar
- repository/components/plugins/org.wso2.carbon.tomcat.ext_4.4.35.jar
- repository/components/plugins/org.wso2.carbon.um.ws.api.stub_5.1.11.jar
- repository/components/plugins/org.wso2.carbon.um.ws.api_5.1.11.jar
- repository/components/plugins/org.wso2.carbon.um.ws.service_5.1.11.jar
- repository/components/plugins/org.wso2.carbon.user.core_4.4.35.jar
- repository/components/plugins/org.wso2.carbon.user.mgt_5.12.153.jar
- repository/components/plugins/org.wso2.charon3.core_3.0.25.jar
- repository/components/plugins/rampart-trust_1.6.1.wso2v26.jar
- repository/components/tools/forget-me/lib/org.wso2.carbon.privacy.forgetme.analytics.streams-1.1.21.jar
- repository/components/tools/forget-me/lib/org.wso2.carbon.privacy.forgetme.api-1.1.21.jar
- repository/components/tools/forget-me/lib/org.wso2.carbon.privacy.forgetme.logs-1.1.21.jar
- repository/components/tools/forget-me/lib/org.wso2.carbon.privacy.forgetme.sql-1.1.21.jar
- repository/components/tools/forget-me/lib/org.wso2.carbon.privacy.forgetme.tool-1.1.21.jar

- repository/deployment/server/jaggeryapps/portal/gadgets/connected_accounts/index.jag
 - repository/deployment/server/webapps/accountrecoveryendpoint.war
 - repository/deployment/server/webapps/api#identity#auth#v1.1.war
 - repository/deployment/server/webapps/api#identity#entitlement.war
 - repository/deployment/server/webapps/api#identity#recovery#v0.9.war
 - repository/deployment/server/webapps/api#identity#user#v1.0.war
 - repository/deployment/server/webapps/authenticationendpoint.war
 - repository/deployment/server/webapps/forgetme#v1.0.war
 - repository/deployment/server/webapps/oauth2.war
-

Added Files

- bin/update_darwin
- bin/update_linux
- repository/components/dropins/org.wso2.carbon.extension.identity.authenticator.emailotp.connector-2.0.13.jar
- repository/components/dropins/org.wso2.carbon.identity.configuration.mgt.core-5.12.153.jar
- repository/components/dropins/org.wso2.carbon.identity.user.rename.core-1.1.37.jar
- repository/components/tools/forget-me/ext/user-store/conf/config.json
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/cm-receipt.sql
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/cm-receipt.sql.properties
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/fido-device-store.sql
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/idn-associated-id.sql
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/idn-auth-user.sql
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/idn-identity-meta-data.sql
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/idn-identity-meta-data.sql.properties
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/idn-identity-user-data.sql
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/idn-identity-user-data.sql.properties
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/idn-oauth-consumer-apps.sql
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/idn-oauth1a-access-token.sql
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/idn-oauth1a-access-token.sql.properties
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/idn-oauth1a-request-token.sql
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/idn-oauth1a-request-token.sql.properties
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/idn-oauth2-accesstoken.sql
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/idn-oauth2-authorization-code.sql
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/idn-openid-remeber-me.sql
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/idn-openid-remeber-me.sql.properties
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/idn-openid-users-rps.sql
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/idn-openid-users-rps.sql.properties
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/idn-password-history-data.sql
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/idn-recovery-data.sql
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/idn-saml2-assertion-store.sql
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/idn-saml2-assertion-store.sql.properties
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/idn-thrift-session.sql
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/idn-thrift-session.sql.properties
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/idn-user-account-association.sql
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/sp-app.sql
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/um-account-mapping.sql
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/um-system-user-role.sql
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/um-system-user.sql
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/um-system-user.sql.properties
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/wf-bps-profile.sql
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/wf-bps-profile.sql.properties
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/wf-request.sql
- repository/components/tools/forget-me/ext/user-store/conf/sql/identity/wf-request.sql.properties
- repository/components/tools/forget-me/lib/axiom-1.2.11.wso2v11.jar
- repository/components/tools/forget-me/lib/commons-logging-1.2.jar
- repository/components/tools/forget-me/lib/org.wso2.carbon.base-4.4.21.jar
- repository/components/tools/forget-me/lib/org.wso2.carbon.logging-4.4.21.jar
- repository/components/tools/forget-me/lib/org.wso2.carbon.privacy.forgetme.userstore-1.1.21.jar
- repository/components/tools/forget-me/lib/org.wso2.carbon.user.api-4.4.21.jar
- repository/components/tools/forget-me/lib/org.wso2.carbon.user.core-4.4.21.jar
- repository/components/tools/forget-me/lib/org.wso2.carbon.utils-4.4.21.jar

- repository/components/tools/forget-me/lib/org.wso2.securevault-1.0.0-wso2v2.jar
 - repository/components/tools/forget-me/lib/xercesImpl-2.8.1.wso2v2.jar
 - repository/deployment/server/webapps/api#identity#config-mgt#v1.0.war
-

Removed Files

- repository/components/dropins/org.wso2.carbon.extension.identity.authenticator.emailotp.connector-2.0.12.jar
-