

WebSphere Application Server

Add File Base User Attribute and Value

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1 Information

This document will help with adding new attributes and values to the WebSphere Application Server file base user repository. This makes it possible to test user attributes for your web application without having to add an external user repository.

Useful links:

- WebSphere Application Server 8.5.5 Infocenter
http://www-01.ibm.com/support/knowledgecenter/?lang=en#!/SSAW57_8.5.5/as_ditamaps/was855_welcome_ndmp.html
- WebSphere Portal 8.5 Infocenter
http://www-01.ibm.com/support/knowledgecenter/#!/SSHRKX_8.5.0/welcome/wp_welcome.html

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Name	Date	Version	Description
Loc Dang	April 30, 2017	V1	Add User Attribute and Value to WebSphere Application Server

2 Setup

1. Login to the WebSphere Application Server or Deployment Manager file system
2. Open the **fileRegistry.xml** file with an editor

Standalone	<WAS_PROFILE>/config/cells/<CELL_NAME>/ fileRegistry.xml
Cluster	<DMGR_PROFILE>/config/cells<CELL_NAME>/ fileRegistry.xml

Example: WINDOWS

```
E:\IBM\WebSphere\AppServer\profiles\AppSrv01\config\cells\Cell01\  
fileRegistry.xml  
  
E:\IBM\WebSphere\AppServer\profiles\dmgr01\config\cells\Cell01\  
fileRegistry.xml
```

Example: UNIX

```
/opt/IBM/WebSphere/AppServer/profiles/AppSrv01/config/cells/Cell01/  
fileRegistry.xml  
  
/opt/IBM/WebSphere/AppServer/profiles/dmgr01/config/cells/Cell01/  
fileRegistry.xml
```

3. Add the following line for each attribute inbetween the **wim:entities** of the **PersonAccount**

```
<wim:[ATTRIBUTE]>[VALUE]</wim:[ATTRIBUTE]>
```

Example: Set the mail attribute

```
<wim:mail>wasadmin@loc.com</wim:mail>
```

Example: fileRegistry

```
<wim:entities xsi:type="wim:PersonAccount">  
  <wim:identifier externalId="6e0b7de0-51ac-4587-aaaa-3e1868dd7147"  
externalName="uid=wasadmin,o=defaultWIMFileBasedRealm"  
uniqueId="6e0b7de0-51ac-4587-aaaa-3e1868dd7147"  
uniqueName="uid=wasadmin,o=defaultWIMFileBasedRealm"/>  
  <wim:parent>  
    <wim:identifier uniqueName="o=defaultWIMFileBasedRealm"/>  
  </wim:parent>  
  <wim:createTimestamp>2017-05-02T16:51:43.609Z</wim:createTimestamp>  
  <wim:modifyTimestamp>2017-05-02T16:53:17.319Z</wim:modifyTimestamp>  
  <wim:password>U0hBLTE6MnM3ZmIxN3BrcDVkOm94ZWhoamlGb1RSMStpaGVMYXJMaFJmV  
HVzWT0K</wim:password>  
  <wim:uid>wpsadmin</wim:uid>  
  <wim:cn>wpsadmin</wim:cn>  
  <wim:sn>wpsadmin</wim:sn>  
  
  <wim:mail>wasadmin@loc.com</wim:mail>  
  
</wim:entities>
```

4. Save the fileRegistry.xml
5. If a Cluster, start the deployment manager and all nodeagents if not started
6. If a Cluster, Login to the Deployment Manager and do a Full Synchronize

3 Verify

The WebSphere Application Server “Manage Users” display will only show the following attributes. If another attribute was added, it would not be found here and would need to be tested in an application

User Attribute	Display Field
uid	User ID
cn	First name
sn	Last name
mail	E-mail

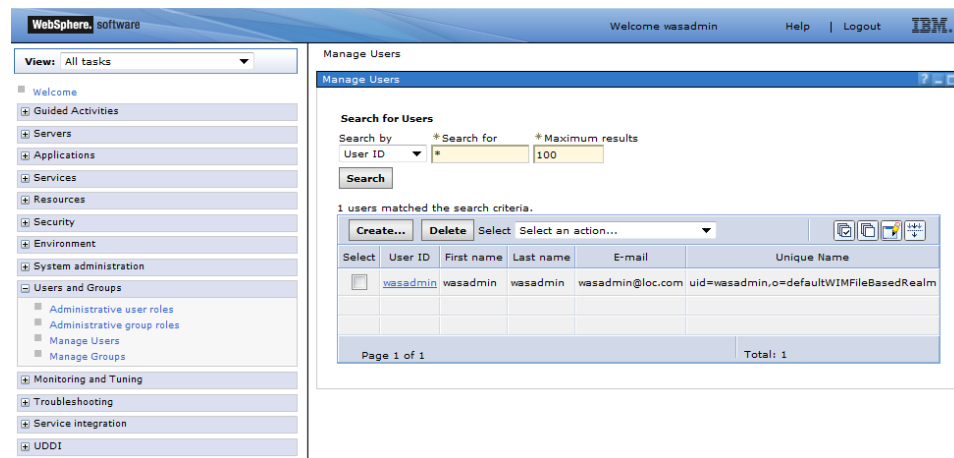
1. Restart the required JVM

- Standalone

WebSphere Application Server

- Cluster:

Deployment Manager
All nodeagents



2. Login to the WebSphere Application Server Console
3. Navigate to Users and Groups > Manage Users
4. Verify the E-mail attribute has been updated.