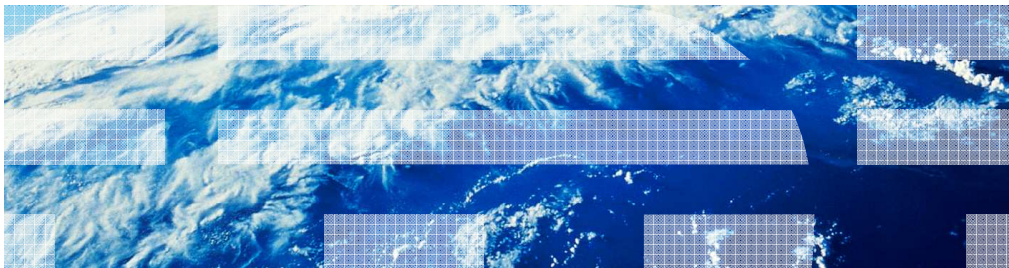


IBM WebSphere Application Server V7.0.0.23

Allow non-administrators to manage profiles created outside of WebSphere Application Server installation directory



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This presentation describes support for allowing non-administrators to manage profiles created by administrators outside of the WebSphere Application Server installation directory, included in IBM WebSphere Application Server V7.0.0.23.

Overview

- Before V7.0.0.23
 - Non-administrators could not manage profiles created by administrators outside of WebSphere Application Server installation directory unless access was given explicitly
- V7.0.0.23 and later
 - Administrators can allow non-administrative users to manage profiles outside of WebSphere Application Server installation directory without having to alter permissions manually
 - Non-administrative users should have write access to the directory where the profile is created, so choose a directory to which the non-administrative user has access by default
 - New functionality is enabled using a custom property
 - Disabled by default in V7
 - Only supported on Windows

Administrators can now easily allow non-administrative users to manage profiles that were created by administrators outside of WebSphere Application Server installation directory without having to configure permissions manually. Non-administrators should have write access to the directory where the profiles are created, so it is best to create the profiles under a directory to which non-administrative users have write permissions to by default. This feature is disabled by default and it can be turned on by modifying a custom property value. This feature only works on Windows operating system.

Enabling the feature

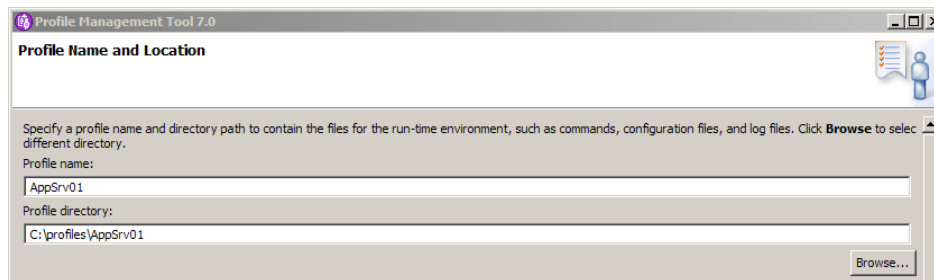
- Modify custom property to enable new function
 - property is set in `<WAS_HOME>/properties/wasprofile.properties`
 - `WS_USE_ENHANCED_OPENSOURCE_BEHAVIOUR`
 - Default value: 'false'
 - 'true' to enable, 'false' to disable
 - Value is case-sensitive. "True" or "TRUE" would not enable the feature.
- Make sure non-administrative users have read permissions to:
 - `<WAS_HOME>/bin/setupCmdLine.bat`

By default this feature is disabled. To enable it, open `WAS_HOME/properties/wasprofile.properties` file and set the value of custom property `WS_USE_ENHANCED_OPENSOURCE_BEHAVIOUR` to "true." `WAS_HOME` refers to the installation directory of WebSphere Application Server. The value of custom property is case sensitive. It should be set to "true," all in small letters to enable the feature.

Next step is to give non-administrators read access to `WAS_HOME/bin/setupCmdLine.bat`. A fix introduced in one of the earlier fix packs modifies the permissions of this file. To check the file permissions, right click the file and go to Properties. Then go to the Security tab at the top. If the non-administrative user is not on the list then add the user to give read access to the file.

Creating a profile to be managed by non-administrator (1 of 2)

- Launch Profile Management tool
- Select the profile type
- Choose **Advanced profile creation** option
- Set “*Profile directory*” to somewhere non-administrator has write access to by default.
 - C:\profiles\AppSrv01



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Make sure the custom property is set to “true” to enable the feature. Launch Profile Management Tool to create a profile. Select the type of profile to be created. Select “*Advanced profile creation*” option from the “*Profile creation options*” page. Continue through the wizard and set the profile path to somewhere outside of WebSphere Application Server installation directory but to a directory to which the non-admin user has write permissions to by default. For example C:\profiles\AppSrv01.

Creating a profile to be managed by non-administrator (2 of 2)

- Windows service definition (if applicable to the profile type chosen)
 - If the non-administrative user does not have the right to log on as a service then uncheck **“Run the application server process as a Windows service”**

Run the application server process as a Windows service.
 Log on as a local system account.
 Log on as a specified user account.
 User name:

 Password:

- If the non-administrative user has the right to log on as a service then, select **“Log on as a specified user account”** and provide non-administrative user's account credentials.

Run the application server process as a Windows service.
 Log on as a local system account.
 Log on as a specified user account.
 User name:

 Password:

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Continue through the wizard. If the non-administrator does not have the user right to log on as a service, on “Windows Service Definition” page, clear the check box for “Run the application server process as a Windows service.” If the non-administrative user does have the right to log on as a service, select “Log on as a specified user account” and enter in the non-administrator’s account credentials. If the profile is to be managed by multiple non-administrative users and they all have the right to log on as a service then check “Run the application server process as a Windows service” and select “Log on as a local system account.”



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