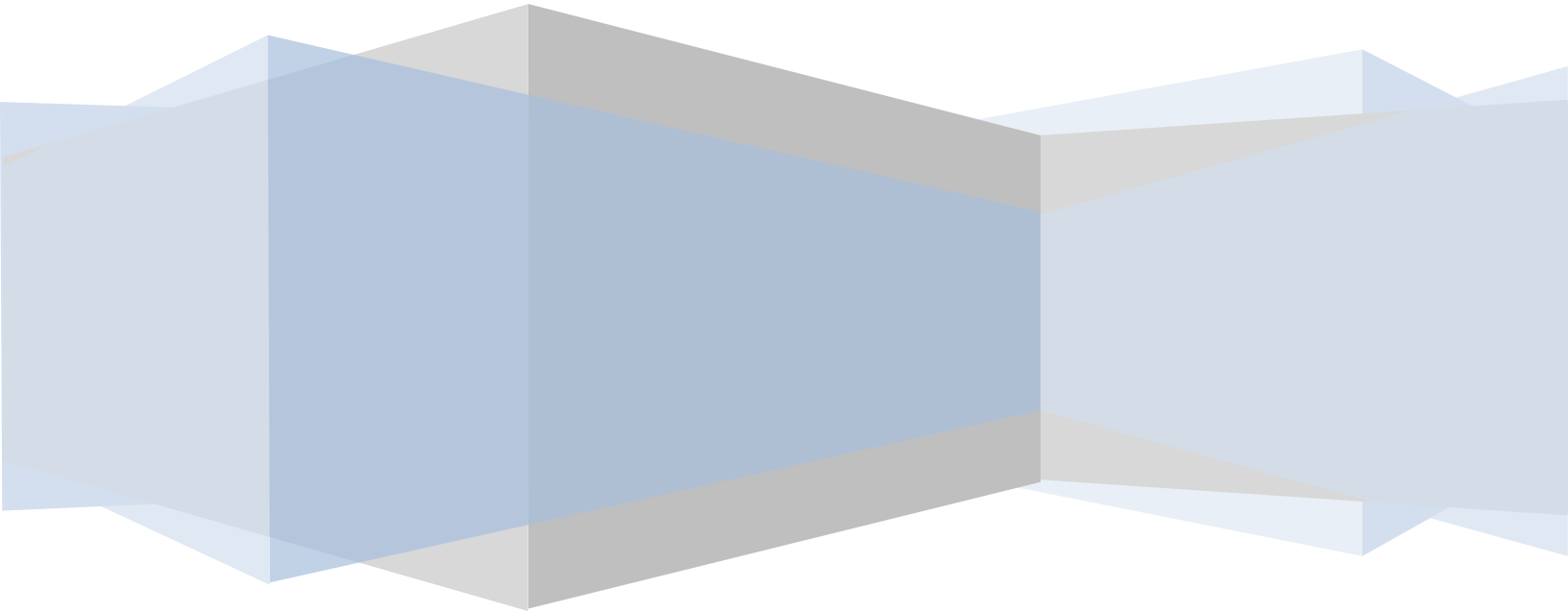
Cognizant Technology Solution

Exercises – Integration Server

WebMethods Integration Workshop

WebMethods CoE



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Integration Server

Introduction

The webMethods **Integration Server** hosts packages that contain services and related files. The Integration Server comes with several packages. For example, it includes packages that contain built-in services that your developers might want to invoke from their services or client applications and services that demonstrate some of the features of the Integration Server. You can create additional packages to hold the services that your developers create. Your developers can create services that perform functions, such as, integrating your business systems with those of your partners, retrieving data from legacy systems, and accessing and updating databases.

The Integration Server provides an environment for the orderly, efficient, and secure, execution of services. It decodes client requests, identifies the requested services, invokes the services, passes data to them in the expected format, encodes the output produced by the services, and returns output to the clients. Additionally, the server authenticates clients, verifies that they are authorized to execute the requested service, maintains audit-trail logs, and promotes throughput using facilities such as service result caching.

In an IS environment, the **administrator** is responsible for installing, configuring, and maintaining the webMethods Integration Server. He or she is also responsible for ensuring the server is secure, available to clients, and running at peak performance. Usually, one person is appointed as the administrator, although most sites identify at least one other person to act as a backup.

The **Integration Server Administrator** is the utility you use to accomplish administrative tasks. You use it to monitor server activity, examine log information, add users, enable/disable services, and adjust the server's performance features.

Theory

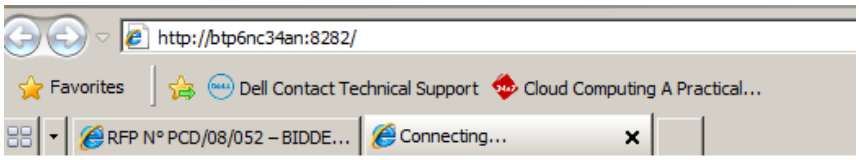
- 8-2-SP1_Administering_Integration_Server (Chapter 1-5, 22 & 23)

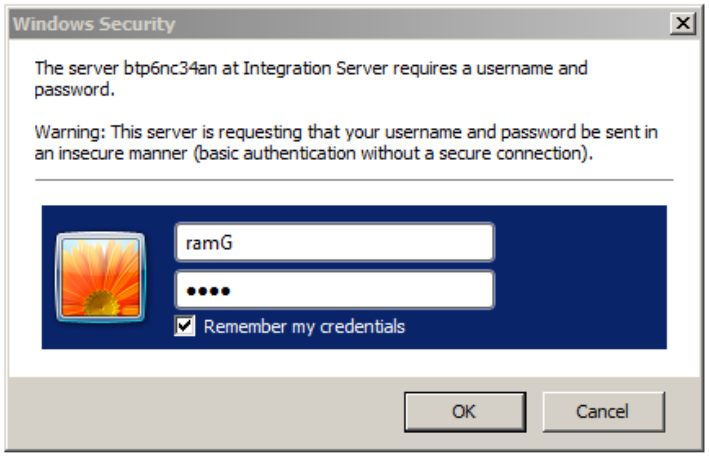
Practical

Integration Server Administrator

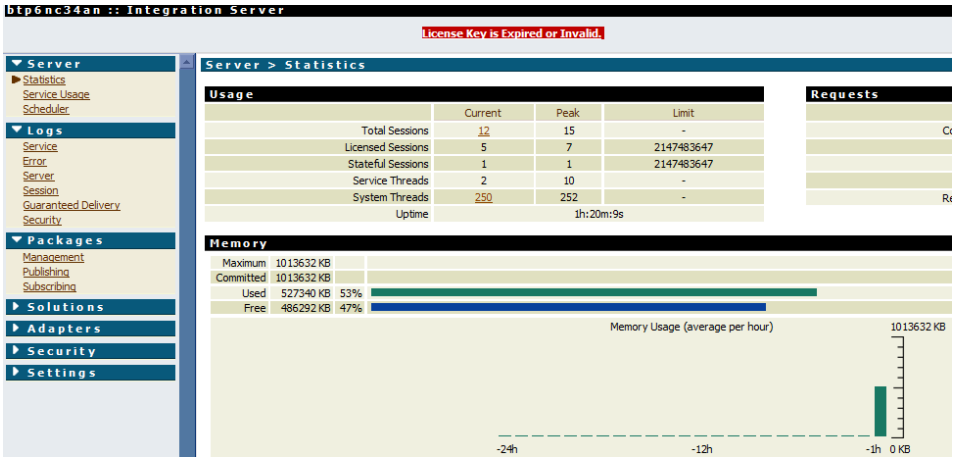
Simulate the following administrative actions on Integration server.

- Login into integration server administrator http://hostname:port. Contact your learning advisor to get the HostName, Port & Login credentials of Integration Server.

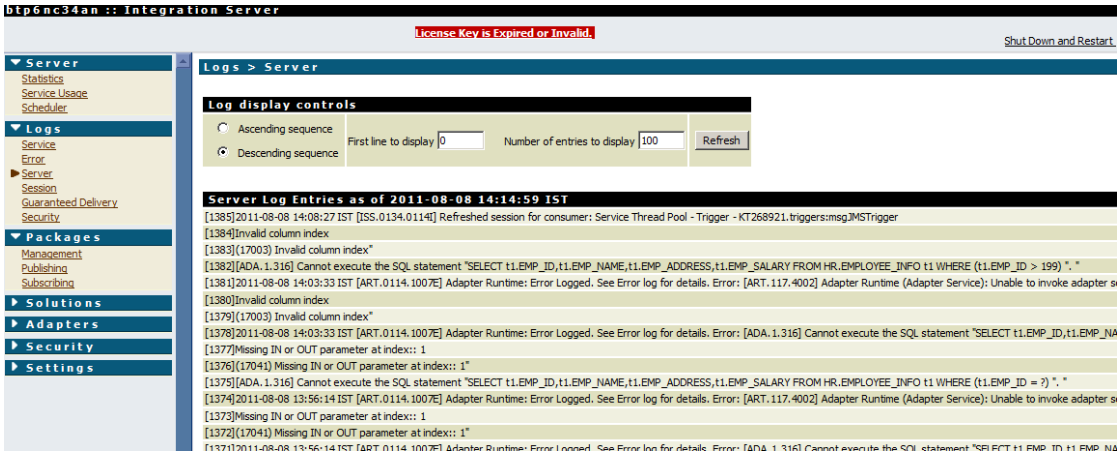




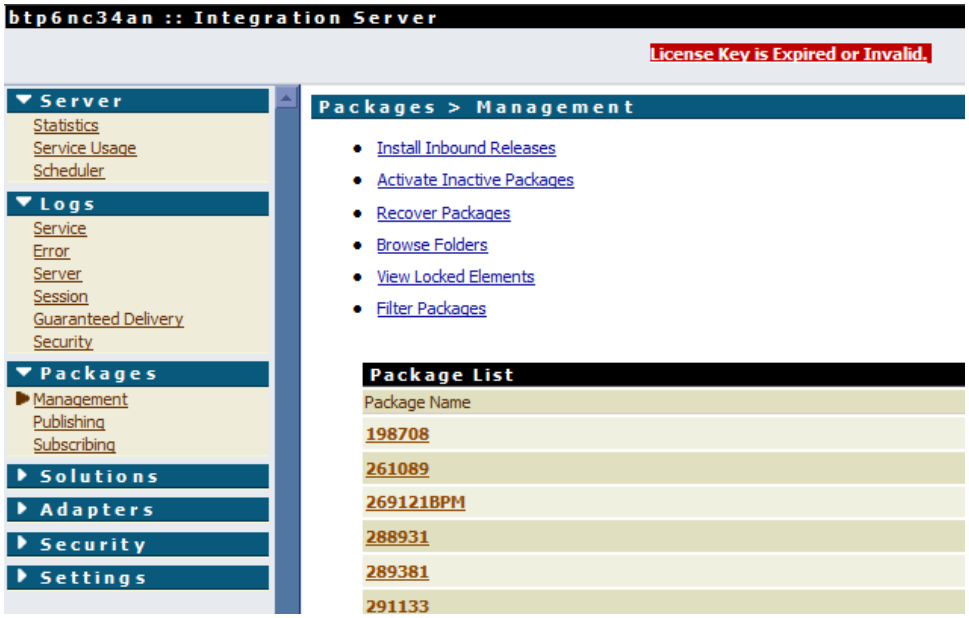
- Check through these menus – Statistics



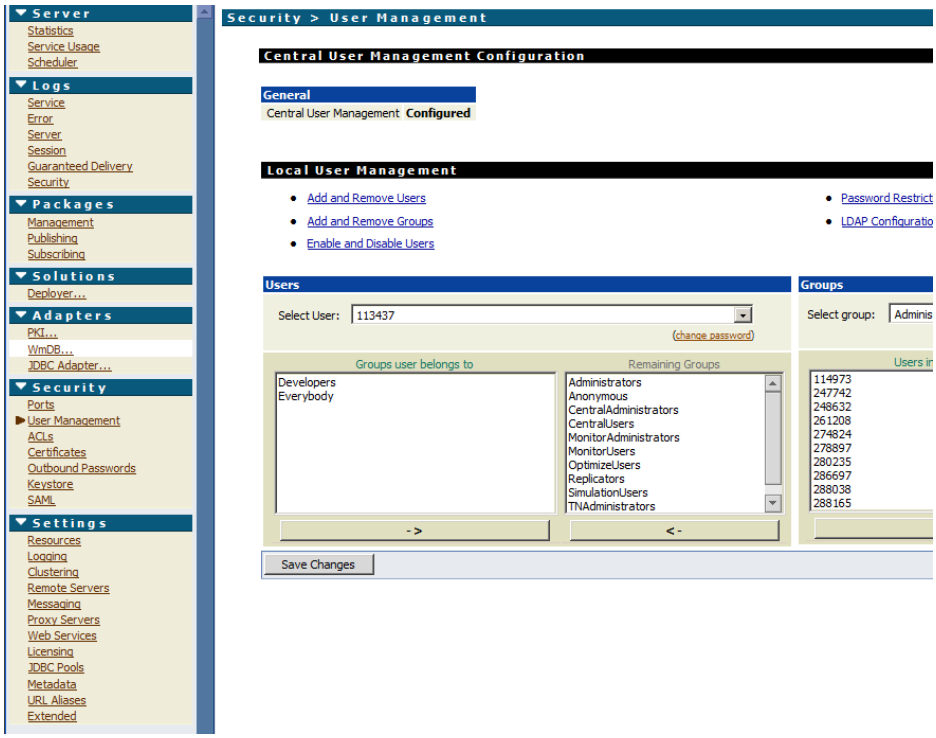
- Logs,



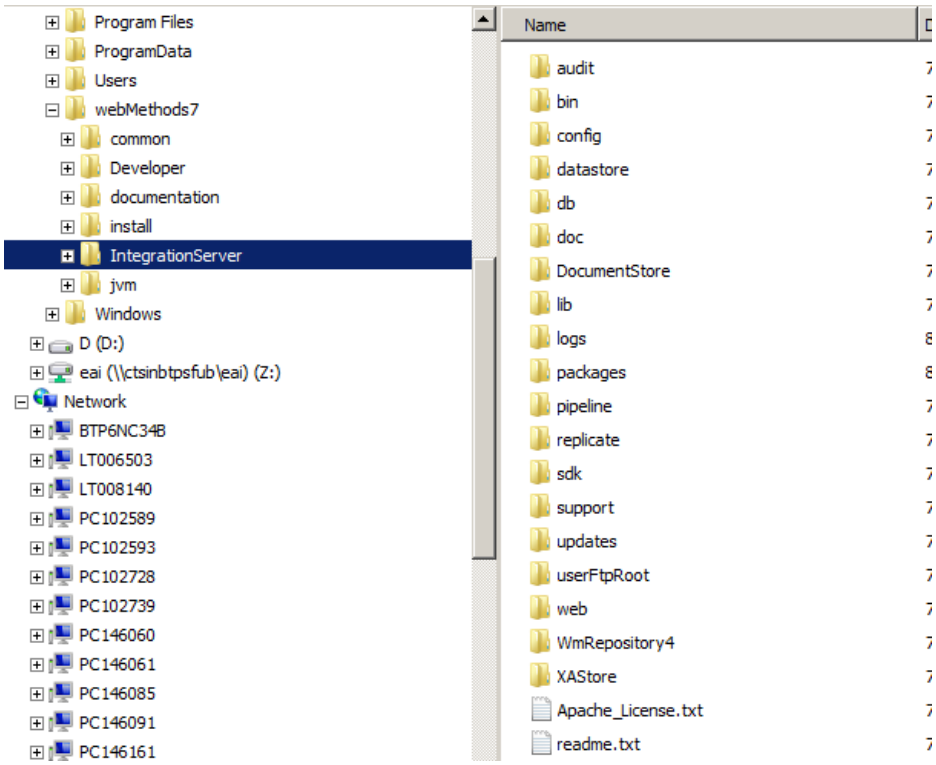
- Packages,



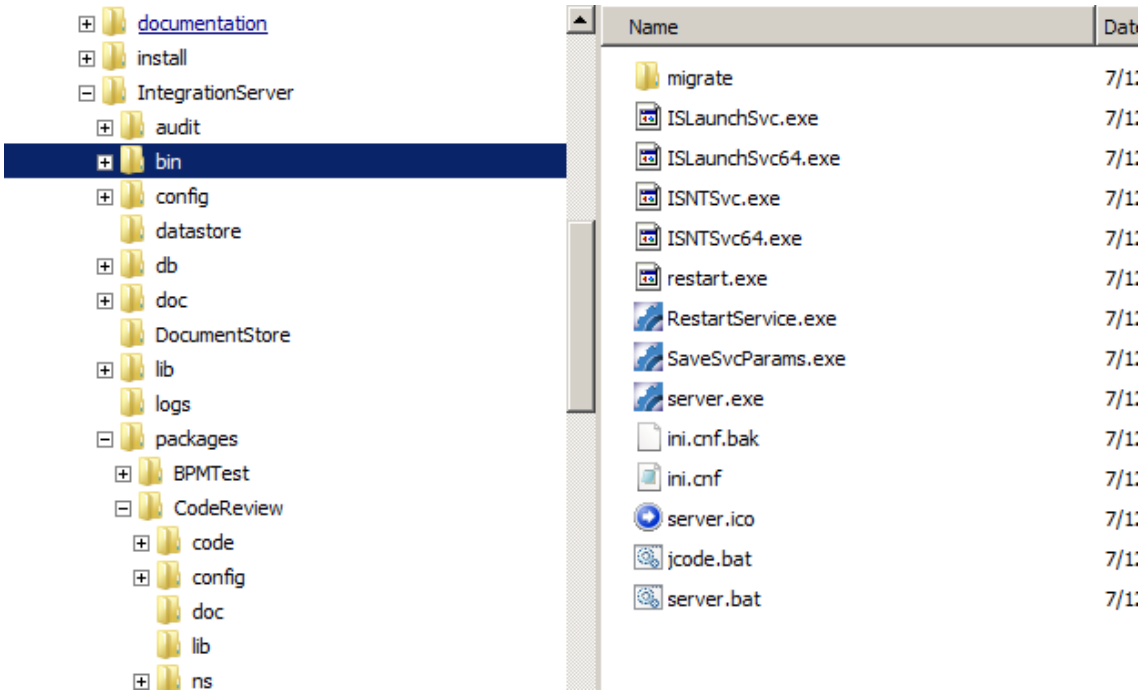
- Security & Settings,



- Check the backend webMethods & IS Folder structure.



- Browse the startup & shutdown scripts for Integration Server.

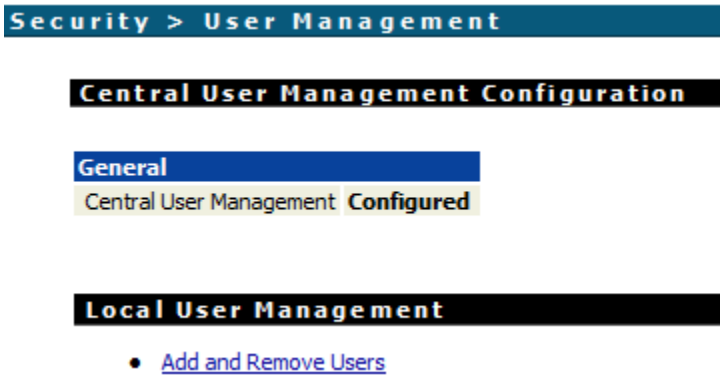


User Management

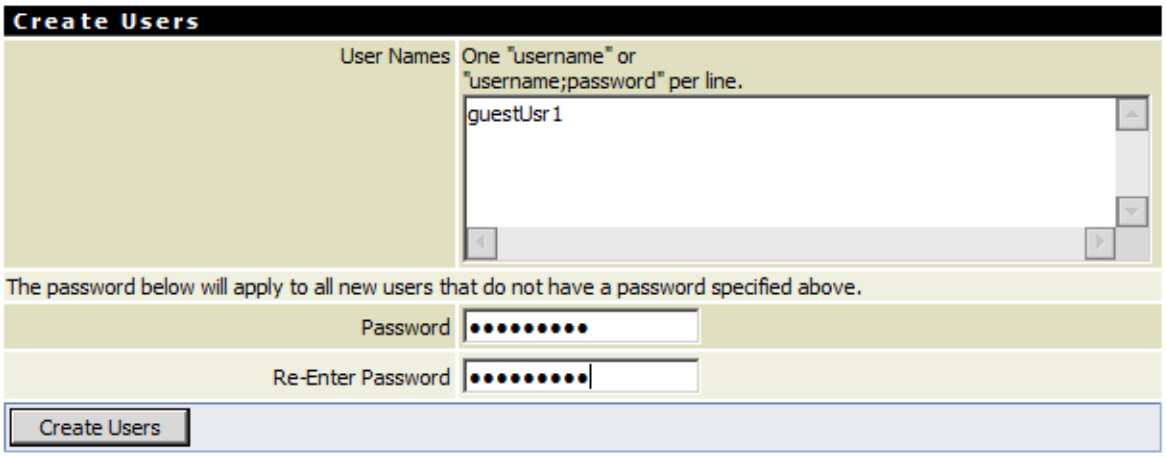
Simulate the following administrative actions on Integration server.

- Add a user under Security -> ACL's -> **Empid is your username and password.**

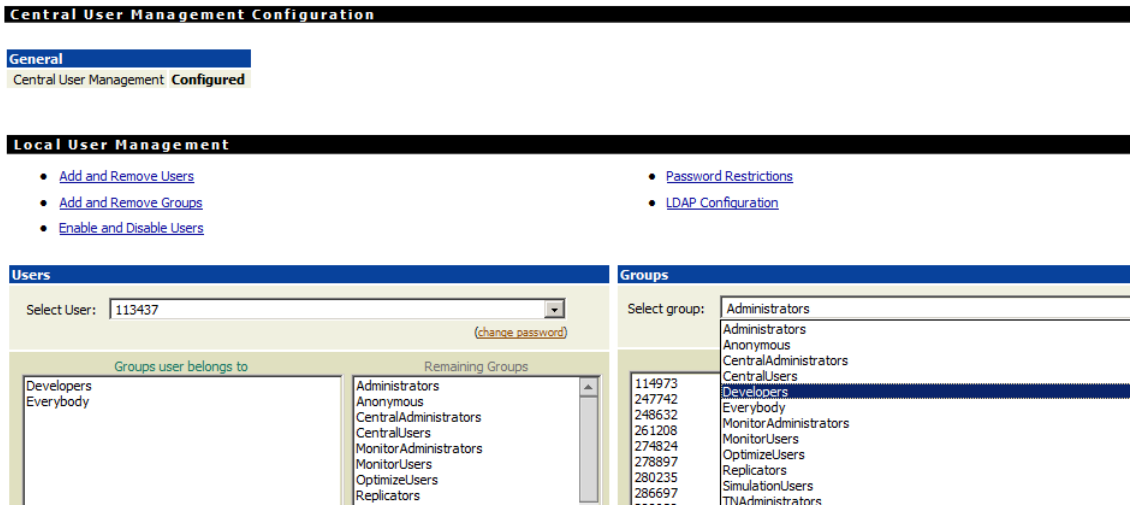
  In Admin console Navigate to **Settings -> User Management.**

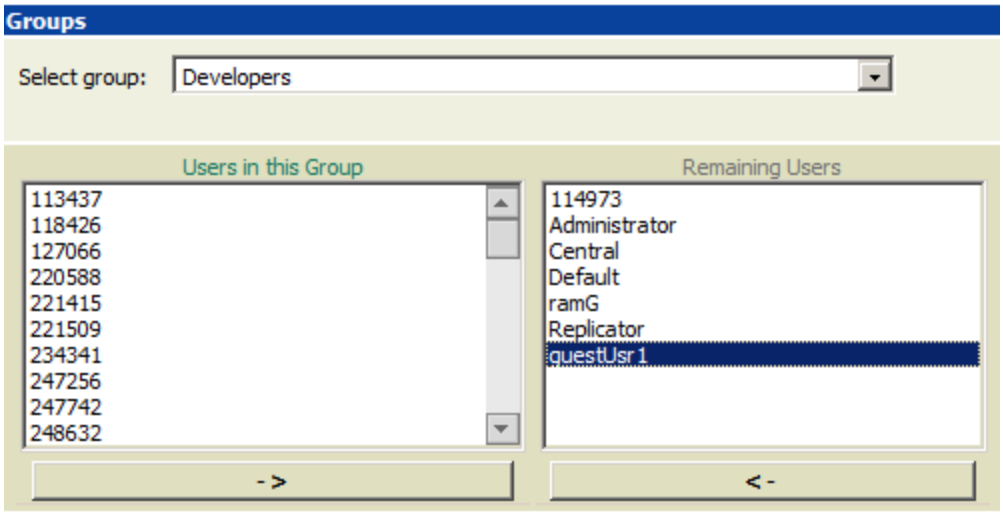


- Return to User Management

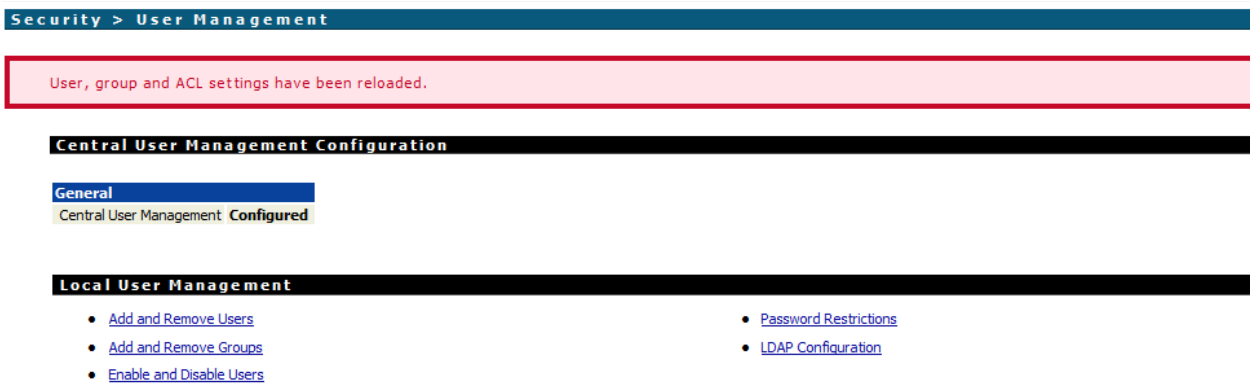


- Assign your login id into Developers group. Click Save Changes.





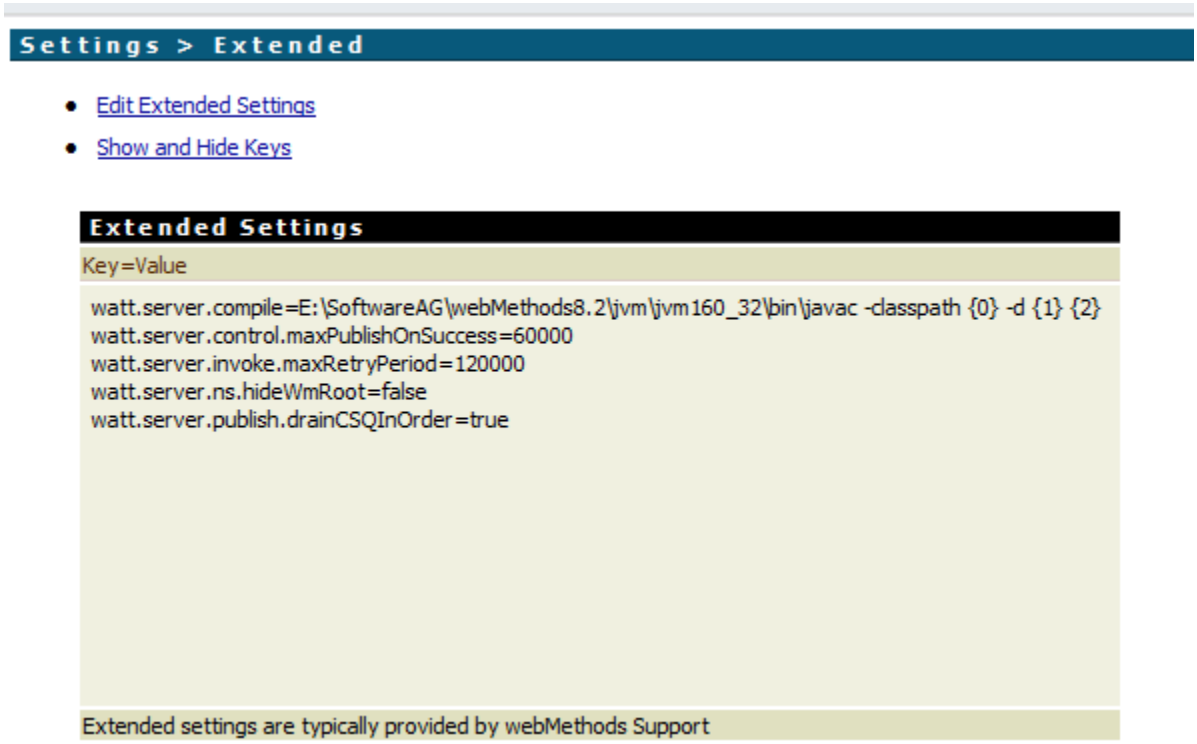
Success Message --



Settings

Simulate the following administrative actions on Integration server.

- Check the extended settings for your JVM and understand the options.
  In Admin console Navigate to **Settings -> Extended**.



- watt.server.compile=E:\SoftwareAG\webMethods8.2\jvm\jvm160_32\bin\javac -classpath {0} -d {1} {2}.

- Check your messaging settings and note down the broker connection details.

  In Admin console Navigate to **Settings -> Messaging.**

Packages

Simulate the following administrative actions on Integration server.

- Browse through management – **packages** and check the options for your Acme#<empid> package name.