

User and Group Concept

The viewers can connect to the Entire Screen Builder Server either anonymously or with named users. The user profile is then created based on administrator-defined user and group settings stored in the server configuration files. This profile controls access to the server resources (e.g. sessions and scripts) and certain personalized settings (e.g. color profile).

This chapter covers the following topics:

- Profile Creation Parameters
 - Controlling Session Access with the User and Group Mechanism
 - Controlling Script Access with the User Mechanism
 - Changing Session Parameters with the User and Group Mechanism
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Profile Creation Parameters

The parameters controlling profile creation are:

1. The following server settings: **Allow scripts for all users** and **Allow all sessions for all users**.
2. The client control property `AnonymousLogon`.
3. The user profile.
4. The group profile.

The server settings **Allow scripts for all users** and **Allow all sessions for all users** have the highest priority. If true, they allow complete access to scripts and sessions regardless of other settings in the group and user profiles.

The client control property `AnonymousLogon` defines whether you connect as a named or anonymous user.

The administrator can also create a user profile called "anonymous" to control the access for `AnonymousLogon` sessions.

Note that the user name "anonymous" cannot be entered in the viewers - the client control property `AnonymousLogon` must be set to true.

The installation values for the server settings **Allow scripts for all users** and **Allow all sessions for all users** together with the default for the client control property `AnonymousLogon` are all true. This reflects the behavior of the previous versions of Entire Screen Builder (4.1.1 and 4.2.1) so that after an upgrade installation to version 4.3.1, the server works in the same way as before.

To limit access to sessions, you must set the server value **Allow all sessions for all users** to false. Once this value is cleared, only defined users included in defined groups will have access to the server. This includes the anonymous user which must be added and then included in a group.

To limit access to scripts, you must set the server value **Allow scripts for all users** to false. Once this value is cleared, users will only be able to run scripts defined for them.

One exception to this are the debug scripts held in the folder `scripts\test`. Any user with **Debug permission** set to true can access all test scripts - this feature is only available for the Terminal Viewer.

The minimum user and group profiling required is the creation of the user called "anonymous" and one group with the user "anonymous" as a member. You then define the allowed sessions in the group and the allowed scripts in the "anonymous" user profile. In this scenario, all users have to connect with the client control property `AnonymousLogon` set to true.

Controlling Session Access with the User and Group Mechanism

The following steps are required to control session access:

1. Set the server setting **Allow all sessions for all users** to false.
2. Define named users and, if required, the "anonymous" user.
3. Create one or more groups.
4. Define the allowed sessions for the groups.
5. Add the users to the group(s).

Connections made from the GUI viewers will be allowed only if the requested host session has been allowed for that user. This includes the connection ID 0 (the default session for the user).

All groups that the user is a member of will be checked for the session.

If the user connects from the Terminal Viewer, the Open Session dialog box will contain only the sessions allowed in the groups to which this user belongs.

Controlling Script Access with the User Mechanism

The following steps are required to control script access:

1. Set the server setting **Allow scripts for all users** to false.
2. Define named users and, if required, the "anonymous" user.
3. Define the allowed scripts for each user.

The scripts shown in the Select Script dialogs for all viewers are limited to those allowed for the current user profile. If an attempt is made to start a script to which access is not allowed, this will be rejected.

Changing Session Parameters with the User and Group Mechanism

Certain session parameters can be configured on a group basis. This is done with the Configured Sessions in the group profile. You can then override session parameters defined for the host, for example, the key scheme. If no session parameters are configured, the defaults for that session will be used.

In the user profile, several Terminal Viewer specific entries can be set, for example, allowing debug permission.

You should try to avoid using Configured Sessions when more than one group containing the same sessions has the same users as members. In this case, the server will use the first group it finds containing the session configuration - this may result in inconsistent results.

