Server Deployment
3.3 Using SAP Connection Strings with Server

Using SAP connection strings with Liquid UI Server aka GuiXT Server.

A connection string is the string that defines the target SAP ERP system to which Liquid UI Server will connect. The connection can either be via a message server or directly. Connection strings are found in the sapproxy.ini configuration file and look something like the following examples:

- /M/SAPMC1/S/SAPMSPRD/G/GRP_HR
- /H/SAPMSPRD:3600
- /H/SAPMSPRD

The components of the connection string are defined as follows:

- **H**: Defines the actual SAP system if no message server is used.
- **M**: Defines the SAP message server if one is present. In this case, the message server would be 'SAPMC1'.
- **S**: Defines the actual SAP ERP system to be targeted if a message server is deployed. In the example, the SAP system would be 'SAPMSPRD'.
- **G**: Defines the group that will have access. In our example, the group is 'GRP_HR'.

Connection strings are typically used when there are either multiple Liquid UI servers connecting to a single or multiple SAP ERP systems or when there are multiple SAP ERP systems involved. The following connection string types are supported:

Connection String	Description
/H/server_name	This format is used for a single SAP application server. If a single Liquid UI Server is deployed, this format also can be used for that case as well.
/H/server_name/G/group_name	This format is used with a single application server when user groups must be specified.
server_name:port_number	This format is used when a single application server and the connection port both must be specified.
/H/server_name/S/server_name	This format is used when there is an application server (or a Liquid UI server) connecting to multiple application servers.
/M/server_name/S/server_name/G/group_name	This format is used when a SAP message server is connecting to multiple SAP

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	application servers and the user's group must be defined.

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Author: Shilpa Sahu
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