Server Configuration

4.07 Running Multiple Instances of Liquid UI Server on the Same Machine

Liquid UI Server supports multiple instances of the SAP Engine, Analysis Services, and Reporting Services on the same computer. You can also upgrade earlier versions of the Liquid UI Server, or install the Liquid UI Server on a computer where earlier versions of the server are already installed.

Version Components and Numbering

The following concepts are useful in understanding the behavior of Liquid UI Server for side-by-side instances of the Server. The standard product version format for Liquid UI Server is MM.nn.bbbb.rr where each segment is defined as:

· MM - Major version

· nn - Minor version

· bbbb - Build number

· rr - Build revision number

In each major or minor release of the Liquid UI Server, there is an increment of the version number to differentiate it from earlier versions. This change to the version is used for many purposes. This includes displaying version information in the user interface, controlling how files are replaced during upgrade, applying service packs, and also as a mechanism for functional differentiation between the successive versions.

Components shared by all versions of the Liquid UI Server

Certain components are shared by all instances of all installed versions of the Liquid UI Server. When you install different versions of Liquid UI Server side-by-side on the same machine, these components automatically upgrade to the latest version. Such components are usually uninstalled automatically when the last instance of Liquid UI Server is uninstalled.

Components shared across all instances of the same major version of Liquid UI Server

Liquid UI Server versions that have the same major version share some components across all instances. If the shared components are selected during upgrade, the existing components are upgraded to the latest version.

Components shared across minor versions

Liquid UI Server versions that have the same major.minor version shared components.

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Example: Setup support files.

Components specific to an instance of Liquid UI Server

Some Liquid UI Server components or services are specific to an instance of the Liquid UI Server. These are also known as instance-aware. They share the same version as the instance that hosts them, and are used exclusively in that instance.

Examples: SAP Server Engine, Analysis Services, and Reporting Services.

Components those are independent of the Liquid UI Server versions

Certain components are installed during Liquid UI Server setup, but are independent of the versions of the Liquid UI Server. They may be shared across major versions or by all Liquid UI Server versions.

Using Liquid UI Server Side-By-Side with Previous Versions of Liquid UI Server

You can install the Liquid UI Server on a computer that is already running instances of an earlier Server version. If a default instance already exists on the computer, Liquid UI Server must be installed as a named instance.

Caution: Liquid UI Server cannot be installed side-by-side with earlier versions of Liquid UI Server on a computer that is running Windows Server.

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