RiverWare Cloud License Q and A

A RiverWare cloud license allows users to run RiverWare in a cloud computing environment or on any local machine with an Internet connection. The cloud license server runs in the cloud on Reprise Software hosted RLMCloud license server.

How does a cloud license work?

A cloud license works just like a regular floating license, except the license server runs in the cloud instead of on an on-premise server. A cloud license file contains the URL to Reprise Software's cloud-hosted license server as well as the customer's license server password, which is unique to each customer. When starting a RiverWare instance, the license manager reads the license file, connects to the license server in the cloud over the Internet, and checks out a license to the machine.

What are the benefits of using a cloud license?

With cloud licensing, the license administrator does not need to install or manage a license server. As a result, the ongoing maintenance of upgrading license server applications or installing a new license file is no longer necessary. Users simply install RiverWare, add the license file, and start running RiverWare. The license is always accessible as long as an Internet connection is available.

Does a cloud server run faster compared to a normal computer? Does a cloud license increase the computing power?

After checking out a license from the cloud server, RiverWare's performance is entirely dependent on the computer's resources. The Internet connection is only used to obtain a license. The RiverWare application will be installed on the user's local computer. Obtaining a RiverWare license is often done only once at startup.

Constant Internet connection is required as RiverWare verify the license server connection periodically. If the Internet speed is slow, connecting to the cloud server may most likely take a few seconds longer.

Can a cloud license be checked out anywhere?

Yes. A RiverWare cloud license allows users to run RiverWare in a cloud computing environment or from any computer running RiverWare and connected to the Internet. The user must have a cloud license file and two dedicated TCP ports (or HTTPS port) open on the firewall for communication, as specified in the license file.

Can I administer cloud license usage for my users?

Yes. RiverWare cloud licensing provides a customer portal account that allows license administrators to view the license server status, view and download server log files, display license users, and edit users' Options files to control license usage. Each cloud license user is assigned a single portal administrator account, and the administrator can create additional portal users as

needed. The RiverWare Cloud License Portal User's Guide contains detailed instructions for using the portal account. This manual can be accessed using the link provided below.

[RiverWare Cloud License Portal User's Guide](#)

What happens if there is no Internet access?

RiverWare will not start if it cannot connect to the cloud license server over an Internet connection. Typically, the following error appears: Communications error with license server (-17)

How can I run RiverWare when Internet access is limited or temporarily unavailable?

Before a user's computer is disconnected from the Internet, a roaming license can be checked out from the cloud license server to the computer first. The roaming license can be used for the number of days specified (default is 30 days) when the license was checked out. RiverWare will continue to run on the computer without an Internet connection until the roaming license expires or is returned. Each cloud license includes the roaming feature. The section "Running RiverWare With a Floating License > Using a Roaming License" in the Installation and License User's Guide includes detailed instructions on how to use the roaming capability. This guide can be accessed using the link provided below.

[RiverWare Installation and License User's Guide](#)

What happens when a user's Internet connection is lost during a RiverWare session?

The following actions apply:

1. RiverWare does not check for a license during a simulation.
2. Within two minutes of the completion of a simulation, RiverWare checks for a license.
3. If RiverWare detects that it has lost a license, it opens a modal dialog informing the user that the license has been lost. After closing the dialog, the user has ten minutes to interact with RiverWare to save their work and exit. During this ten-minute period, the workspace status bar displays the time remaining.
4. After ten minutes, RiverWare opens a second modal dialog informing the user that the license has been permanently lost. The dialog has two buttons: "Exit" and "Save and Exit". Note that the "Save and Exit" option saves the model file, but not other files (rulesets associated with the model file, SCTs, and so on).

7/8/2024