Time Machine® Floating License Server

Sharing your Time Machine licenses across the enterprise & in the Cloud

Introducing the Time Machine Floating License Server

The Floating License Server enables automatic license management for Time Machine across the enterprise and in the Cloud. A pool of license units can be hosted on a Floating License Server, and checked out automatically by any Time Machine system when Time Machine service starts and released once the service stops. No manual license key step of contacting the vendor is needed when a new system comes up that needs to time travel. As long as there are license units left in the pool, any Time Machine system can grab the license automatically and time travel. As a result, license units can be shared or floated to any Time Machine system within the enterprise or in the Cloud.

The abstraction of a license unit enables the Floating License Server to share the license across different OS platforms with any cpu core combinations. The same pool of license units can serve any Time Machine installed system on Linux, AIX, or Windows. The Floating License Server also supports cpu core dynamic scaling; where the cpu core count might change dynamically based on the work load. The proper number of license units will be dynamically allocated on-the-fly, as well.

The Floating License Server is expected to be hosted on a dedicated Linux server in the enterprise or in the Cloud. Any Time Machine system that would like to get a license from the Floating License Server would define its license host file to point to the Floating License Server. The same Time Machine binary supports both modes of licensing. If a license host file exists, then Time Machine would get its license from the Floating License Server; otherwise, it would utilize the local license that is installed with a license key.

Features

A pool of license units hosted in TMFLS can be shared by any Time Machine system automatically

Time Machine licenses can be shared across OS platforms with Windows, Linux and AIX

Time Machine systems automatically check out a license at service start and release it at service stop

CPU core dynamic scaling is fully supported

Management capabilities include license pool usage snapshot, audit trail and email notifications
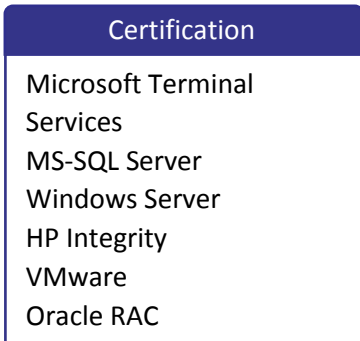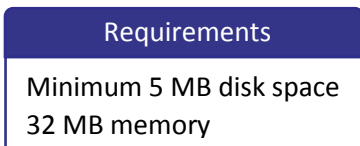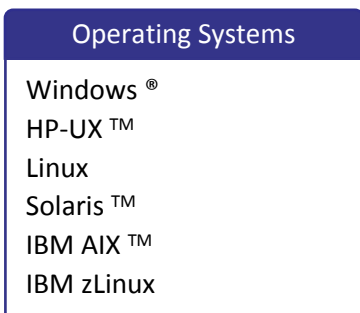
Key Benefits

Automate license management: without human intervention, license can be fulfilled without applying key

Save total cost: pool of license units share across different OS platforms and cpu core combinations to maximize your license usage

Support dynamic Cloud provision: if a system life is 10 minutes, it will utilize the license for 10 minutes and return it upon termination

Support Cloud elasticity: if cpu core counts are adjusted on-the-fly due to dynamic load, required license units will be adjusted automatically

Manage at ease: centralize automatic license management for entire enterprise, a big time saver

The Floating License Server allows administrators to see the snap-shot state at real time: what is the license pool size, how many license units are utilized and free, all systems currently holding the licenses with its identity, OS, number of license units held, timestamps of first holding and last verified with the license. There is also a separate audit trail that logs all licenses check-in and check-out activities. Configuration files also enable administrators to setup email notifications that alert to low license or out of license events.

The Floating License Server is especially powerful in the Cloud. It is common to provision systems on-the-fly as needed, so systems can come and go dynamically all the time. Without the Floating License Server, newly provisioned systems may need a manual step of contacting the vendor to get a license key thus breaking the test automation. With the Floating License Server, license management is automatic and shared by all Time Machine systems. If a test system comes up for testing for one hour; then it would use the license for exactly one hour; then release it back to the pool once it is done for other systems to share.

Operating Systems

Windows ®
HP-UX ™
Linux
Solaris ™
IBM AIX ™
IBM zLinux

Requirements

Minimum 5 MB disk space
32 MB memory

Request a Demo

Download a free Time Machine demo at www.solution-soft.com.
For more information, call us at +1 (408) 346-1415 or email sales@solution-soft.com

Certification

Microsoft Terminal Services
MS-SQL Server
Windows Server
HP Integrity
VMware
Oracle RAC

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