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Univa License Orchestrator
Managing applications and license usage

MAXIMIZE APPLICATION LICENSES

Univa® License Orchestrator™ optimizes the sharing and use of limited, and often costly, application license features across users, groups, departments, or projects.

Univa License Orchestrator prioritizes the sharing of limited application licenses according to business objectives. Our software enables maximum workload throughput with flexible sharing policies and simple configuration.

Getting to market quickly is paramount for highly competitive organizations. Engineers, scientists and designers are under extreme pressure to design, test, and deliver results in tight timeframes. The main challenge that can hinder this process is prioritized access to expensive and scarce application license features.

Univa License Orchestrator integrates Univa® Grid Engine™ software polices for managing the allocation of license features. In addition, global license pools can be shared across multiple clusters with the ability to guarantee license availability. As an organization's mix of license requirements change, Univa License Orchestrator automatically detects changes in license counts in FlexNet Publisher.

ACTIONABLE INTELLIGENCE

Our solution tracks and monitors fair share scheduling and license usage data for all clusters, jobs, users, etc. This information can easily be integrated into the detailed reporting capabilities offered in Univa's Grid Engine software to uncover valuable performance insights, usage patterns, and the following license reports:

Checkouts
Pie chart shows license checkout over a selected amount of time such as month, year, etc.

Run and Wait Times
Illustrates the relation between license usage wait times and actual license run times in a line graph.

Usage Comparison
Stacked bar chart shows license usage per license over time.

Usage Listing
Table detailing license usage for all licenses and associated metrics with each over a designated period of time.
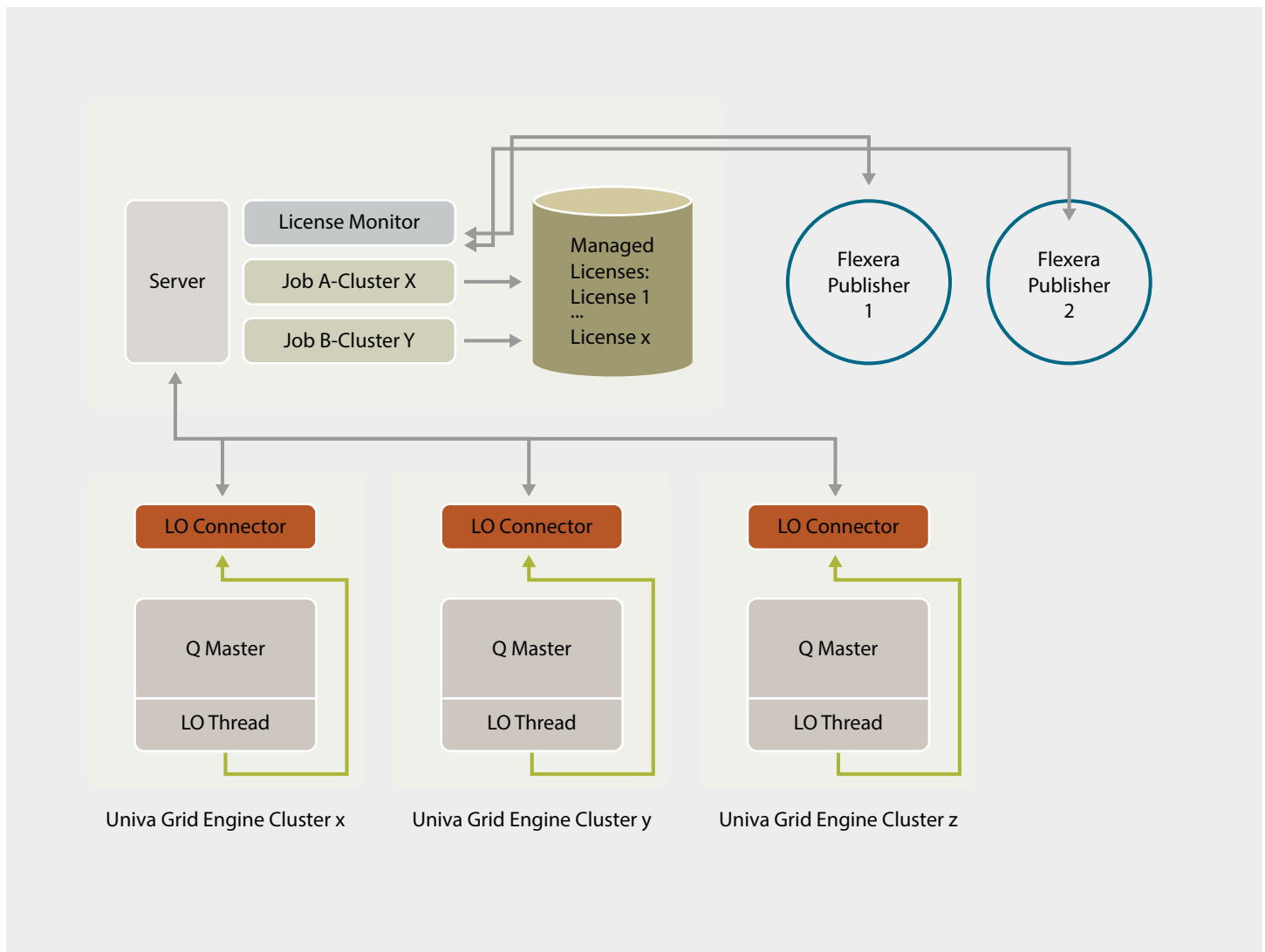
Univa License Orchestrator Highlights

- Prioritizes the sharing of license features according to business objectives
- Provides a consolidated view of all license assets
- Automatically detects and adds new licenses and features
- Tracks license usage for charge back or capacity planning
- Enables maximum workload throughput

Capabilities

- Share global licenses across geographically dispersed Grid Engine clusters
- Fix minimal percentage by users, groups, departments or projects
- Lend and borrow license features while maintaining percentage-based access
- Assign quotas and limits of usage
- Establish deadlines for 'no access' after designated
- Automatic increase of access rights based on criticality of license need
- Ensure uninterrupted availability of licenses

License Orchestrator Component Architecture

License Monitor

Server

Job A-Cluster X

Job B-Cluster Y

**Managed Licenses:
License 1
...
License x**

Flexera Publisher 1

Flexera Publisher 2

LO Connector

LO Connector

LO Connector

Q Master

LO Thread

Q Master

LO Thread

Q Master

LO Thread

Univa Grid Engine Cluster x

Univa Grid Engine Cluster y

Univa Grid Engine Cluster z

About Univa

Univa is the leading independent provider of software-defined computing infrastructure and workload orchestration solutions. Univa's intelligent cluster management software increases efficiency while accelerating enterprise migration to hybrid clouds. Millions of compute cores are currently managed by Univa products in industries such as life sciences, manufacturing, oil and gas, transportation and financial services. We help hundreds of companies to manage thousands of applications and run billions of tasks every day. Univa is headquartered in Chicago, with offices in Toronto and Munich. For more information, please visit **www.univa.com.**

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