

KINGDOM OF SAUDI ARABIA
MINISTRY OF EDUCATION
KING SAUD UNIVERSITY
College of Computer and Information Sciences
Department of Computer Science

**Adaptive Resource Scheduling for
Multi-Tenant Cloud Workloads:
A Reinforcement Learning Approach**
*A Thesis Submitted to the Deanship of Graduate Studies
in Partial Fulfillment of the Requirements for the Degree of
Master of Science in Computer Science*

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📅 Rabi' II 1447H — October 2025G
Riyadh, Kingdom of Saudi Arabia

المملكة العربية السعودية

وزارة التعليم

جامعة الملك سعود

كلية علوم الحاسب والمعلومات

قسم علوم الحاسب

ity, and that it has not
qualification at this or
duly acknowledged.

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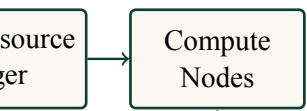
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g approaches.

Adaptivity	Overhead
Low	Very Low
Low	Low
Medium	Medium
Medium	Medium
High	Medium



es is fed back to the RL

methods.

SLA Violations (%)
12.4
9.1
7.6
4.5

