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A predictive approach for the efficient distribution of agent-based systems on a hybrid-cloud

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Research highlights

- We propose a predictive process to estimate and optimize the deployment costs of distributed Multi-Agent Systems (MAS) on cloud environments, specifically hybrid clouds.
- The proposed predictive process is generic and can be used with different application types provided that a mapping from a considered application to a MAS can be achieved.
- A new algorithm called E-FM, which is an extension of FM is proposed.
- The new algorithm incorporates additional metrics to deploy efficiently MAS on hybrid clouds.

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