

CORRECTION

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Correction to: Severity: a QoS-aware approach to cloud application elasticity

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Correction to: J Cloud Comp 10, 45 (2021)

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Following publication of the original article [1], the authors identified an error. This error has been corrected to express more accurately the work of Arkian et al. [2]. This change should also make the last lines of the fourth paragraph of the Section on Rule-based and control-theoretic adaptation approaches more understandable.¹

The erroneous and corrected text are published in this correction article. The original article has been updated.

Incorrect

- When the performance is better than expected, a **single processing instance is removed, while when it is worse, a single processing instance is removed.**

Correct:

- When the performance is better than expected, **multiple processing instances can be removed, while when it is worse, a single processing instance is added.**

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¹“Moreover, the scaling algorithms we define allow more than one instances to be added as necessary which reduces the number of reconfigurations.”

The original article can be found online at <https://doi.org/10.1186/s13677-021-00255-5>.

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1. Tsagkaropoulos A, Verginadis Y, Papageorgiou N, Paraskevopoulos F, Apostolou D, Mentzas G (2021) Severity: a QoS-aware approach to cloud application elasticity. *J Cloud Comp* 10(1):45. <https://doi.org/10.1186/s13677-021-00255-5>
2. Arkian H et al (2021) Model-based Stream Processing Auto-scaling in Geo-Distributed Environments. In: ICCCN 2021-30th International Conference on Computer Communications and Network