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Clustering-based acceleration for virtual machine image deduplication in the cloud environment

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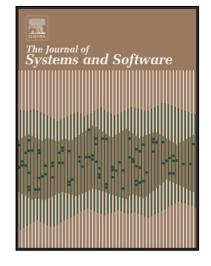
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## Highlights

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- Use a clustering-based classification to reduce the fingerprint search space.
- Take the image content layout into consideration during image deduplication.
- Propose periodical triggering and small group merging to facilitate VM deduplication.
- Evaluate the effectiveness, effciency and robustness of the proposed method.

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