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Accomplishments Since first Lecture:

Summarized key points from the paper, including challenges, hypervisors, migration methods, metrics, network performance, predictive models, and ensemble methods.

- Reviewed and analyzed the paper on "Efficient VM migrations in cloud computing [1]" gaining insights into VM migration challenges, benefits, and methodologies.
- Guaranteeing Delay of Live Virtual Machine Migration by Determining and Provisioning Appropriate Bandwidth [2]
- Article from Deloitte “The cloud migration forecast: Cloudy with a chance of clouds” [3].

Goals for the Next Week:

- Further explore practical applications of the Research papers findings in cloud computing scenarios.
- Research additional literature on VM migrations to identify trends and research gaps.

Anticipated Obstacles:

- Currently, no significant obstacles identified, but challenges may arise during practical implementation. Will seek team guidance if needed.

Conclusion: Progress is on track, and I'm excited to continue exploring the applications of VM migrations in cloud computing. Looking forward to discussing this in our next meeting.

Sincerely,

Ali Mohammad Nekoh

References

[1] Desai, M. R., & Patel, H. B. (2015). Efficient Virtual Machine Migration in Cloud Computing. In Proceedings of IEEE

[2] Ran Shu; Tao Huang; Yunjie Liu (2016) “Guaranteeing Delay of Live Virtual Machine Migration by Determining and Provisioning Appropriate Bandwidth”

[3] The cloud migration forecast: Cloudy with a chance of clouds | Deloitte China | TMT Industry