

**Proceedings of the
23rd USENIX Symposium on Networked Systems Design
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Errata Slip #1**

In the paper “PlanB: Efficient Software IPv6 Lookup with Linearized B^+ -Tree” by Zhihao Zhang, Alibaba Cloud, NICE Lab, XMU, and Tsinghua University; Lanzheng Liu, Chen Chen, and Huiba Li, Alibaba Cloud; Jiwu Shu, Tsinghua University; Windsor Hsu, Alibaba Cloud; Yiming Zhang, NICE Lab, SJTU and NICE Lab, XMU (Tuesday session, “From Silicon to Networked Systems,” pp. 1005–1019 of the Proceedings), the authors wish to make the following corrections:

Page 1005, Abstract.

Original text:

We transform the 2D LPM into an equivalent 1D search problem over elementary intervals, unifying the search across prefix value and lengths. We then adapt the flat-array B-tree structure to the needs of LPM to propose *linearized B^+ -tree*, based on which we introduce an efficient search algorithm tailored to the properties of the transformed space.

Revised text:

We transform the 2D LPM into an equivalent 1D search problem over elementary intervals, unifying the search across prefix value and lengths. We then adapt a flat-array-based B-tree structure to the needs of LPM to propose the *linearized B^+ -tree*, based on which we introduce an efficient search algorithm tailored to the properties of the transformed space.

Page 1016, Acknowledgments, first paragraph.

Original text:

We thank our shepherd, Prof. Jingxian Wang, and the anonymous reviewers for their valuable comments and suggestions.

Revised text:

We thank Prof. Tao Li for his insightful discussion and key material support during the early stages of PlanB. We thank our shepherd, Prof. Jingxian Wang, and the anonymous reviewers for their valuable comments and suggestions.