

4. Conclusion

In this paper, we design and implement Orion, a hybrid hierarchical control plane for large-scale networks. Orion addresses the super-linear computational complexity growth of the control plane when SDN network scales to large size, and solves the path stretch problem brought by the abstracted hierarchical control plane architecture. Further, we evaluate the effectiveness of Orion through theoretical and experiment aspects. Our evaluation results show the efficiency and feasibility of Orion.

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