

# BGP security review

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tags: `class`

## Paper Title:

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BGP Security in Partial Deployment  
Is the Juice Worth the Squeeze?

## Overall merit:

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5. Excellent paper. I will champion for acceptance.

## Reviewer expertise:

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1. No familiarity

## Novelty:

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4. New contribution

## Paper summary:

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In this paper, they study the security benefits provided by partially-deployed S\*BGP, compared those already provided by origin authentication. They found that S\*BGP provides only meager benefits over origin authentication when popular policies like S\*BGP are used. They also study the security benefits of other routing policies, provide prescriptive guidelines for partially-deployed S\*BGP, and show how interactions between S\*BGP and BGP can introduce new vulnerabilities into the routing system.

## Paper Strengths:

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They focus on issues previous research ignored and recognized some unrealistic assumptions previous work made.

## Paper Weaknesses:

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Nothing

## Comments for author:

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I appreciate how the author questions the benefits of popular policies and proved that they may not be worth adopting.