

Extensions to Auto-Configuration mechanism in Virtual Aggregation

Grow WG, IETF 82th, Taipei

[draft-cheng-grow-va-auto-extensions-00](#)

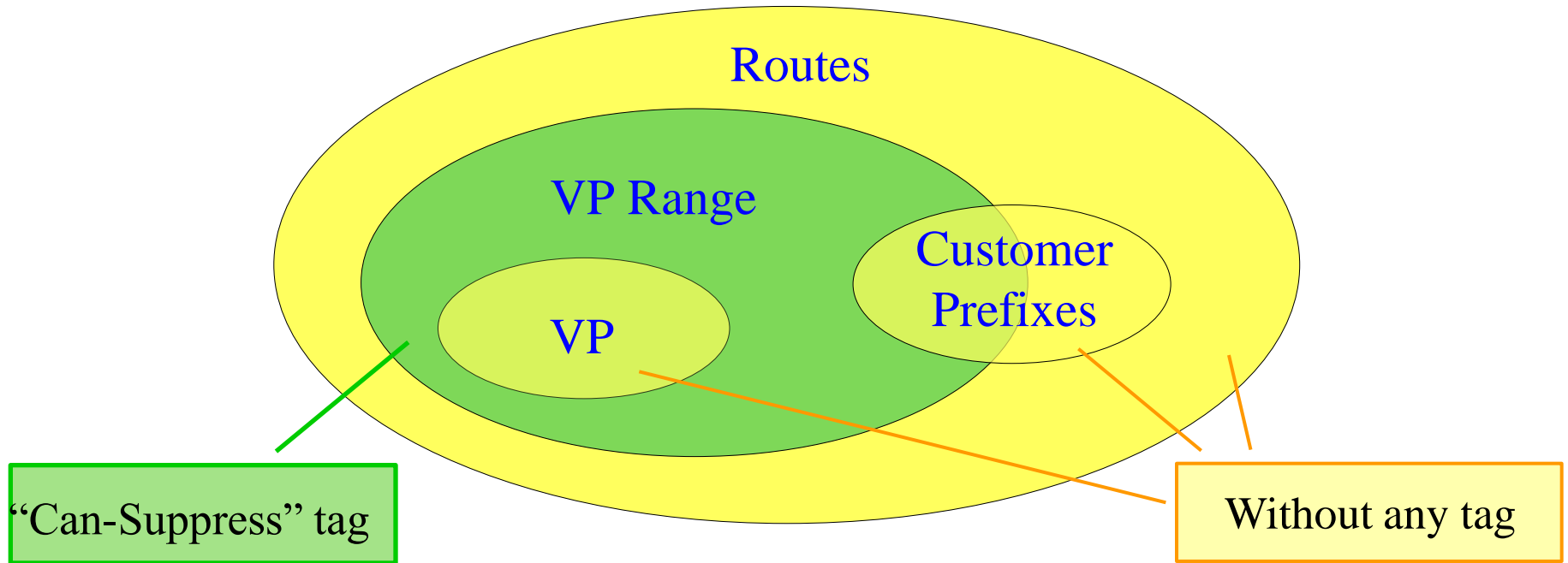
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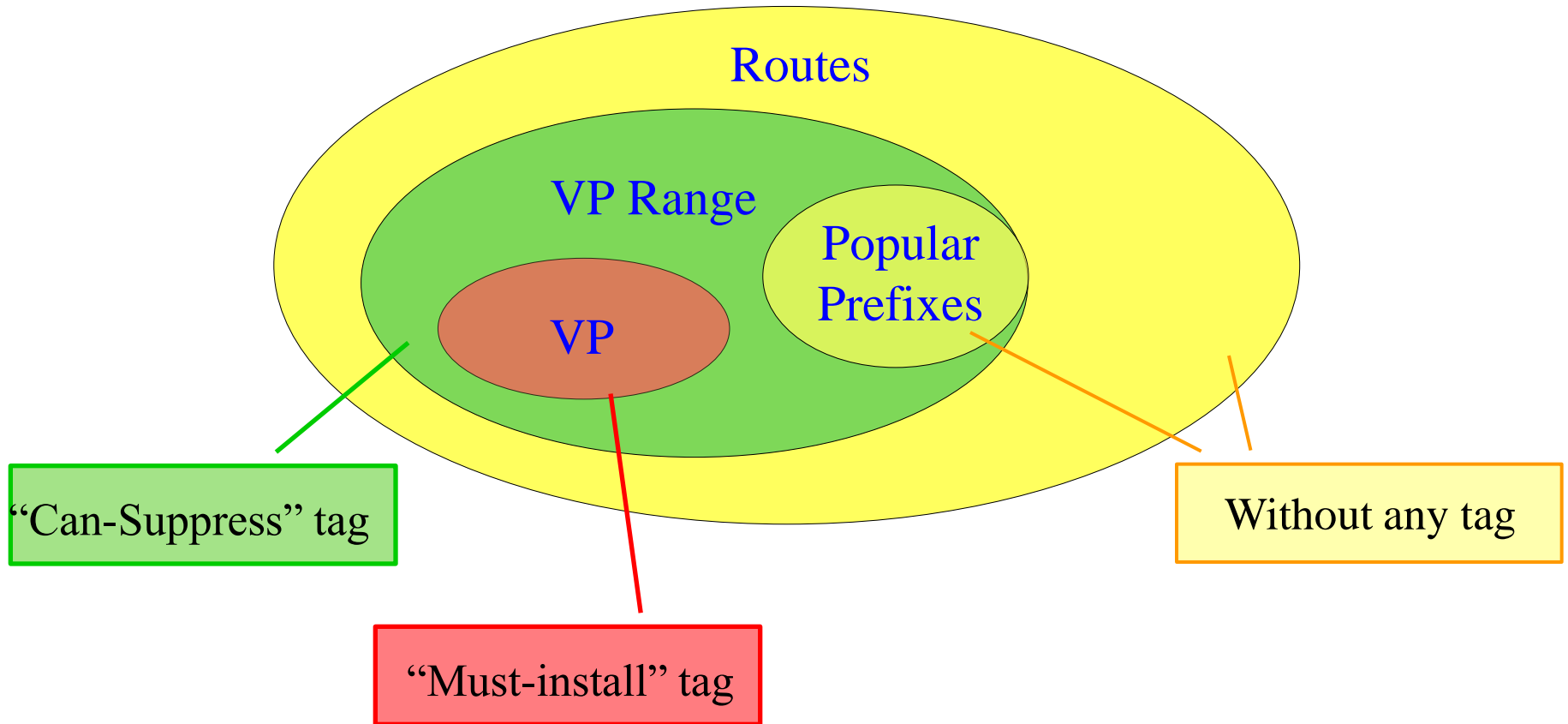
Main Extensions

- VP routes to be tagged specifically (“install” tag)
- Extend to configure a “popular prefixes list” on tagging routers

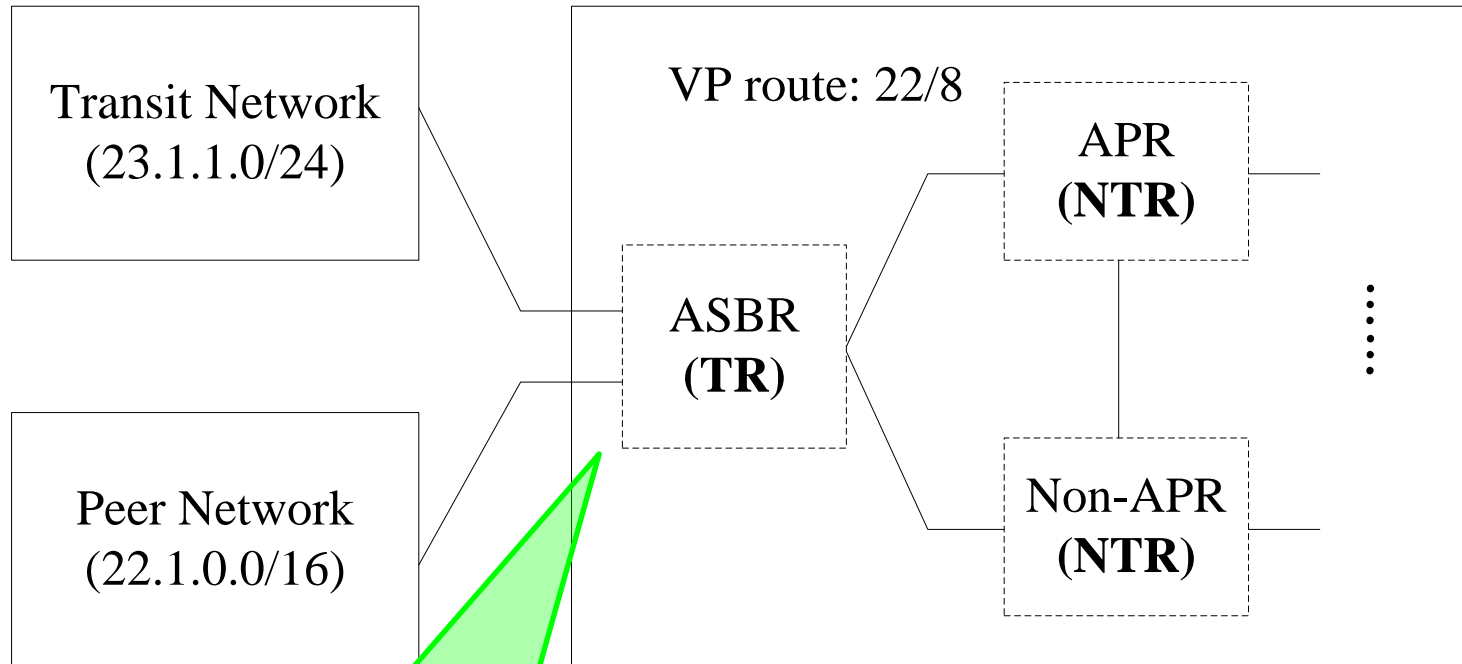
Routes Classification



Routes Classification



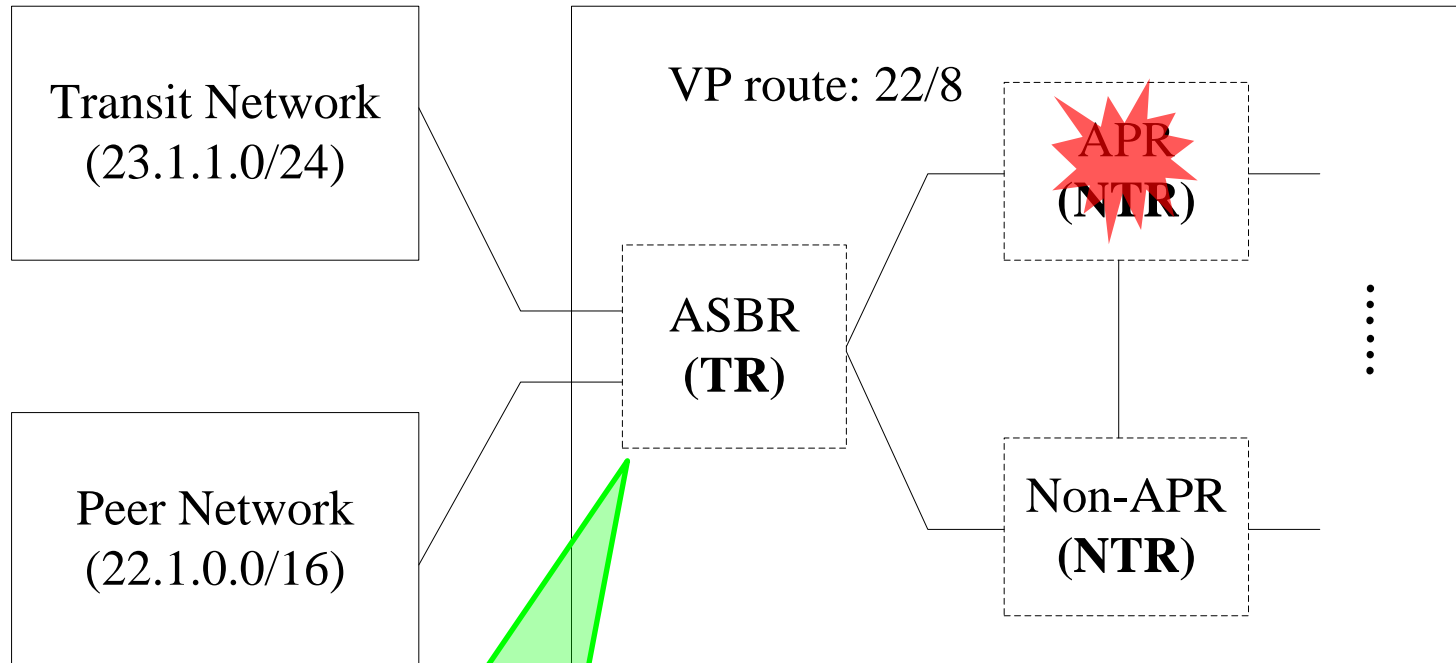
Implementation—Normal



22/8 “must-install”
22.1.1.1/32 no tag
22.1.0.1/32 “can-suppress”

VP Range: 22/7
Popular Prefixes list: 22.1.1.0/24

Implementation—



22.1.1.1/32 no tag
22.1.0.1/32 no tag

VP Range: 22/7
Popular Prefixes list: 22.1.1.0/24

Next Steps

➤ Comments/Feedback?