

NVE Auto-discovery Protocol

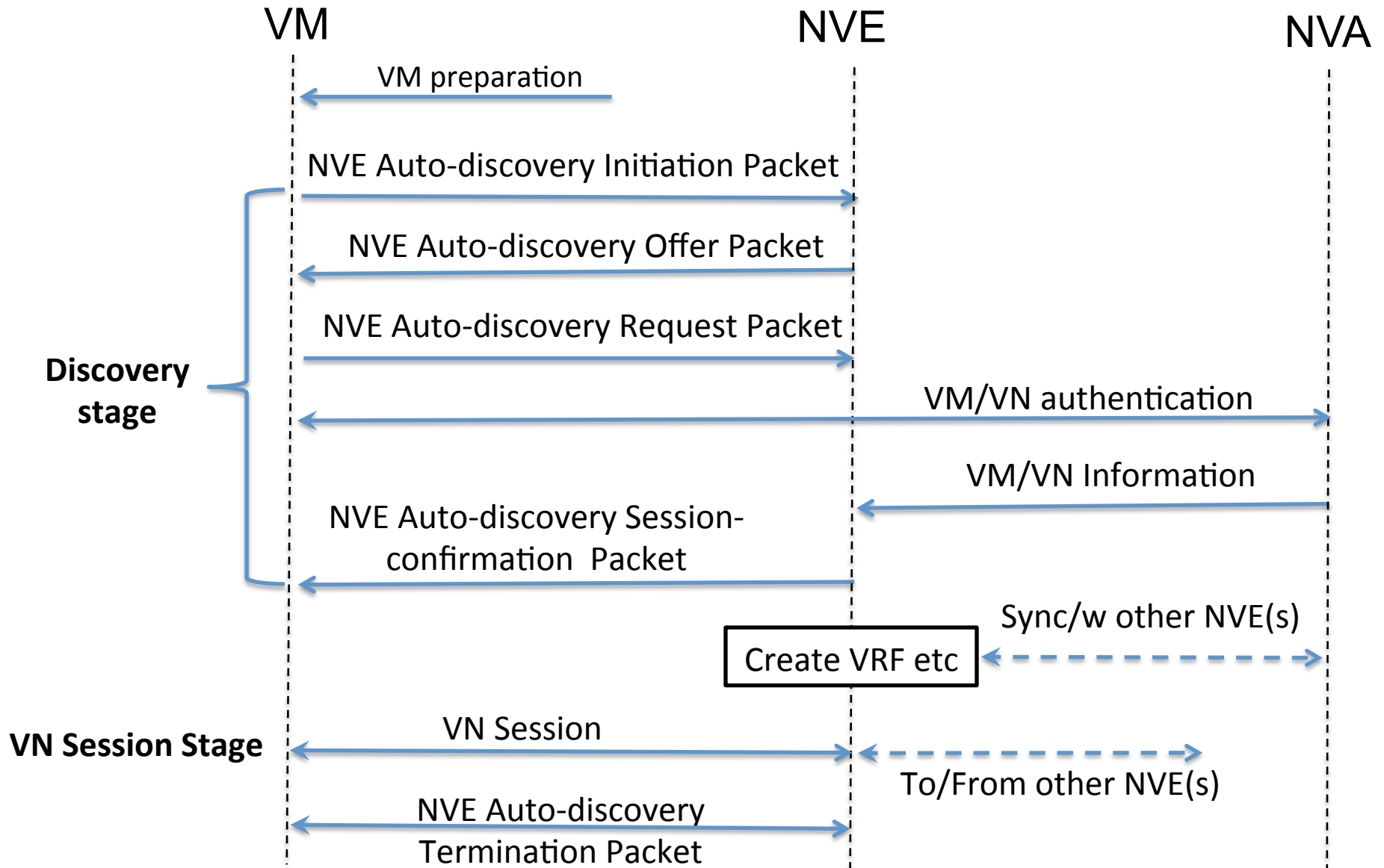
draft-gu-virt-edge-auto-discovery-00

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Purpose

Outline the NVE auto-discovery protocol to support VN automatic provisioning etc.

NVE Auto-discovery protocol Procedures

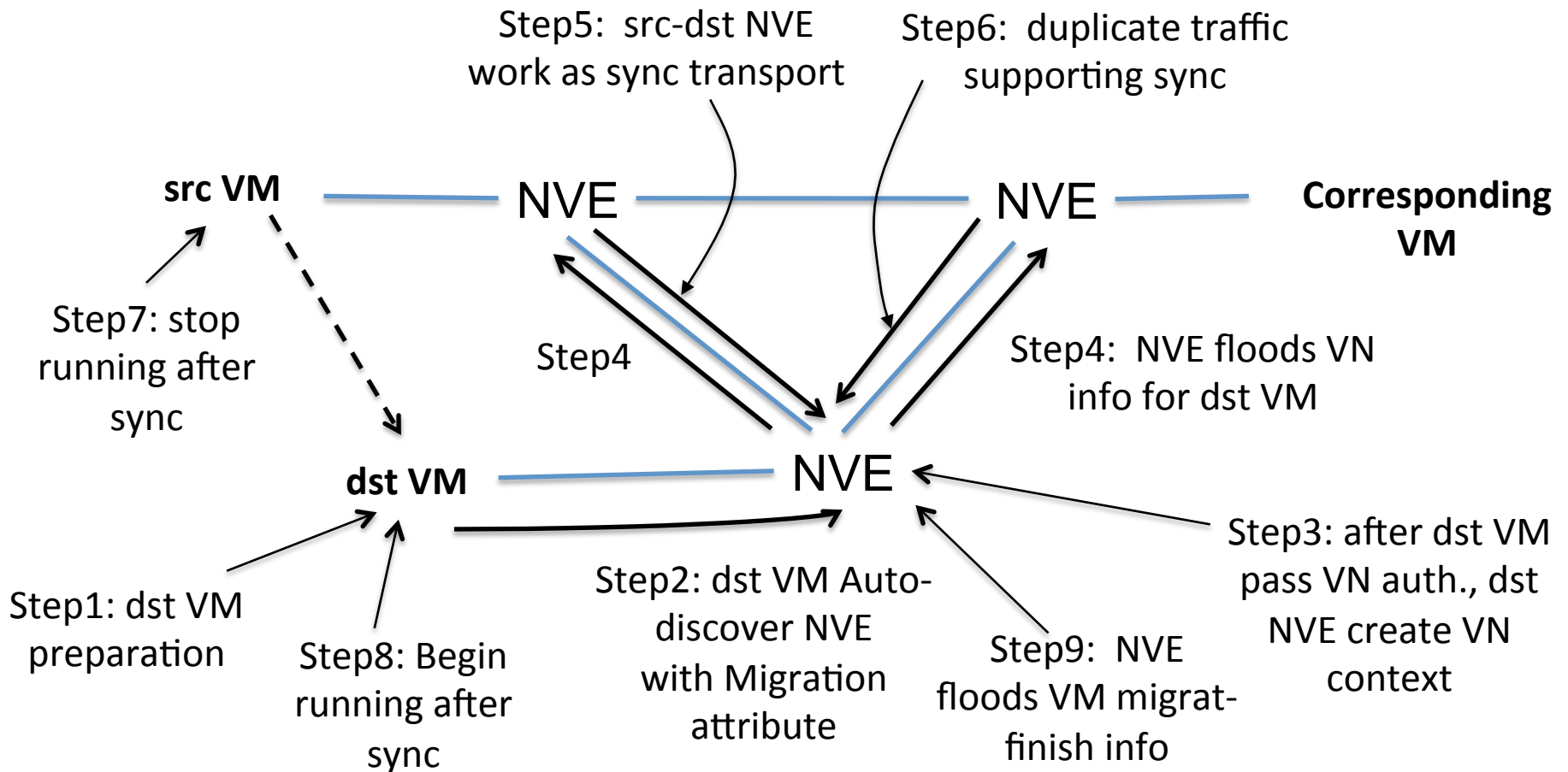


IANA considerations

- New type of Ether_Type for NVE auto-discovery
 - Discovery stage
 - Session stage

NVE auto-discovery protocol: Application

- VM live migration
 - Using VN itself as the migration sync transport



NVE auto-discovery protocol: Pro and Con

- Pros
 - Simplicity
 - Flexible (VM-NVE connection)
 - Potential Secure
 - VN Auto-provisioning
 - Supporting VM live migration
- Cons
 - New protocol/acceptability
 - VM support

Comparing with VDP

- TBD

Next Step...

- Comments collecting and further discussions
- Further detail information
- Comparison with VDP
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