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# Network Virtualization Overlay Use Cases

draft-ietf-nvo3-use-case-00

Lucy Yong, Mehmet Toy, Aldrin Isaac,  
Vishwas Manral, Linda Dunbar

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# General Use Cases for NVOs

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Three sets of use cases described in the draft

1. Network Virtual Overlay (NVO) in a DC
2. Interconnecting an NVO with an external network
  - Access via Internet
  - Access via WAN VPN
3. DC Applications using NVO3
  - Supporting multiple technologies in a Data Center
  - Multiple virtual networks in a tenant network in DCs
  - NVOs for Virtual Data Center (vDC)

# Update from Last Version

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- Add option B, C, D in RFC4364 as alternatives for NVO access external networks via WAN VPN
- Align the term with the framework document
  - e.g. replace “Tenant End System”, and “TES” with “Tenant System” , and “TS”
- Editing
  - Address some comments on the mailing list
  - Make the description more clear

# Remaining Comments on Mailing List

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- Additional use cases (Vinay from PayPal)
  - Virtual network zoning, allow placing policy and firewall between zones.
  - Multiple webhost applications for one customer
- Traffic Management Considerations (Ramki from Brocade)

Working on the issues with the people and will address them in the next version

# Next Step

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- Address the remaining comments
- Solicit other comment and feedback
- Move toward WGLC prior to IETF87