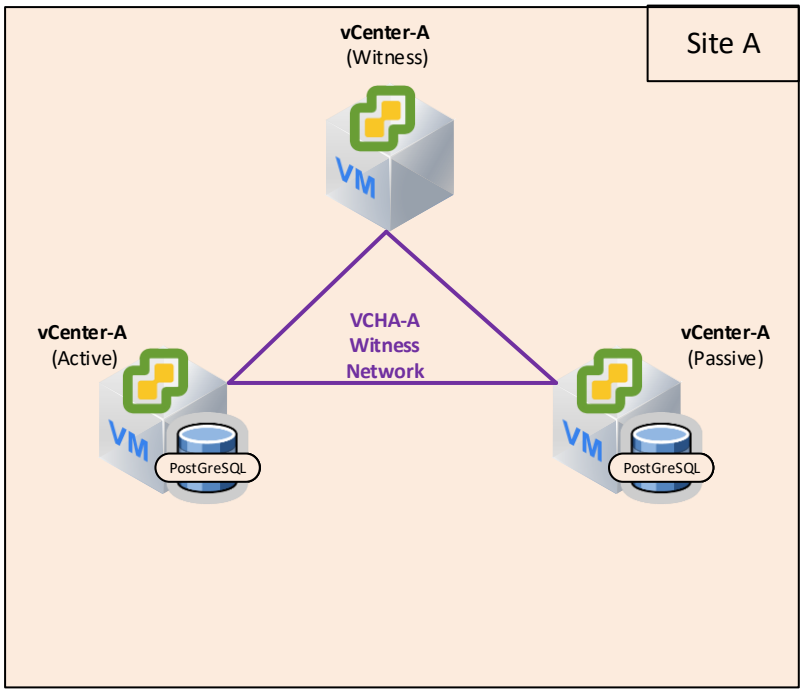
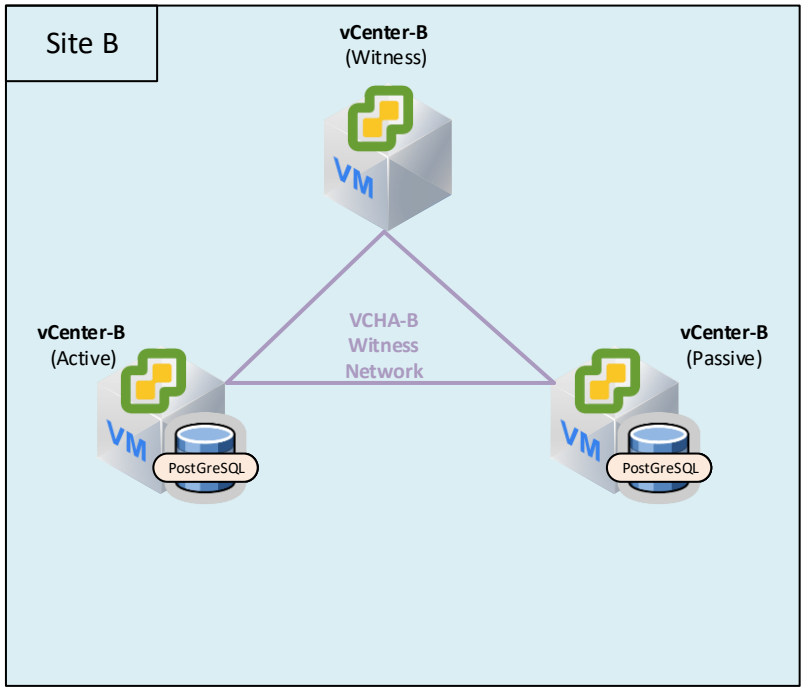
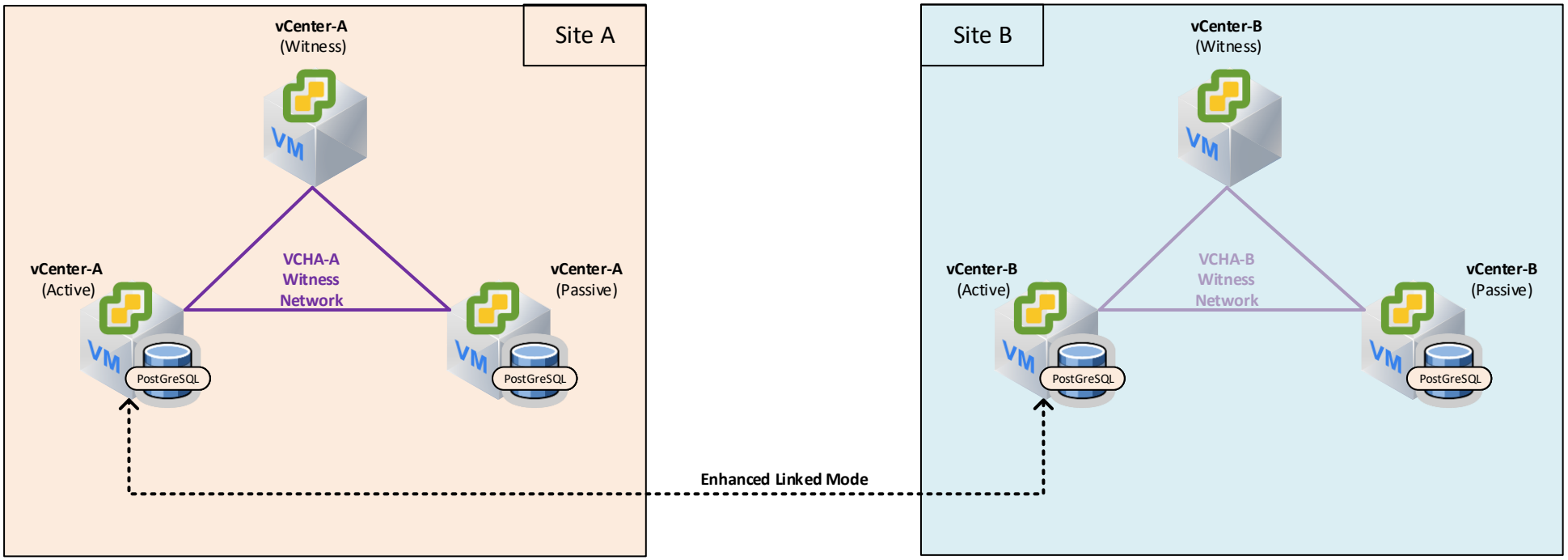




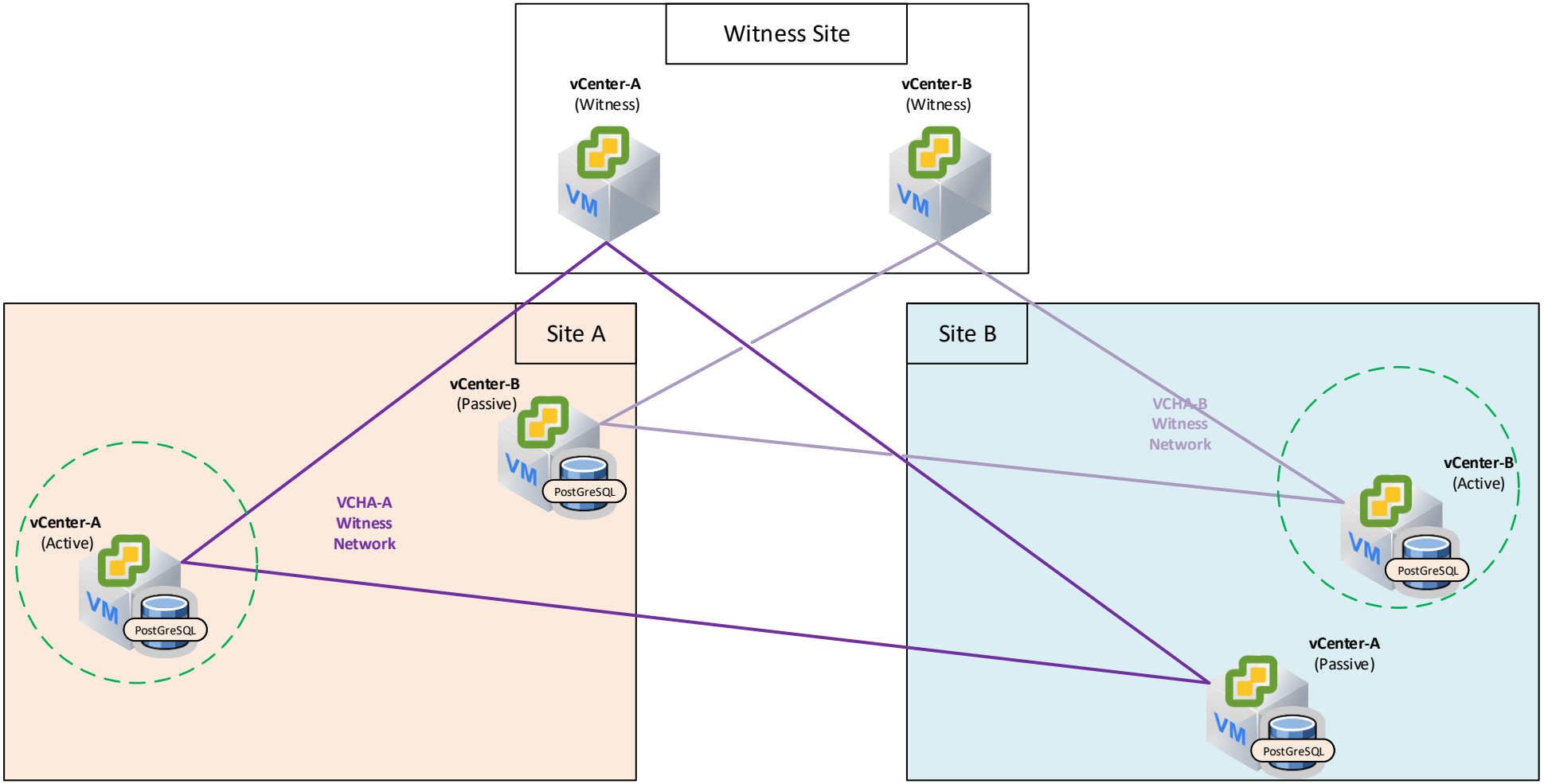
(1) VCHA local (the VCSA-Active, VCSA-Passive and Witness in the same DC) & without ELM

- The VC_A in DC_A: $(SSODomain_A)+(PSC_A)+(VC_A)$
- The VC_B in DC_B: $(SSODomain_B)+(PSC_B)+(VC_B)$
- Advantages:
    - simple
    - In a disaster case of DC A, the SRM can run the Recovery Plan.
- Disadvantages:
    - We always need a separate administrative session with each vCenter Server.



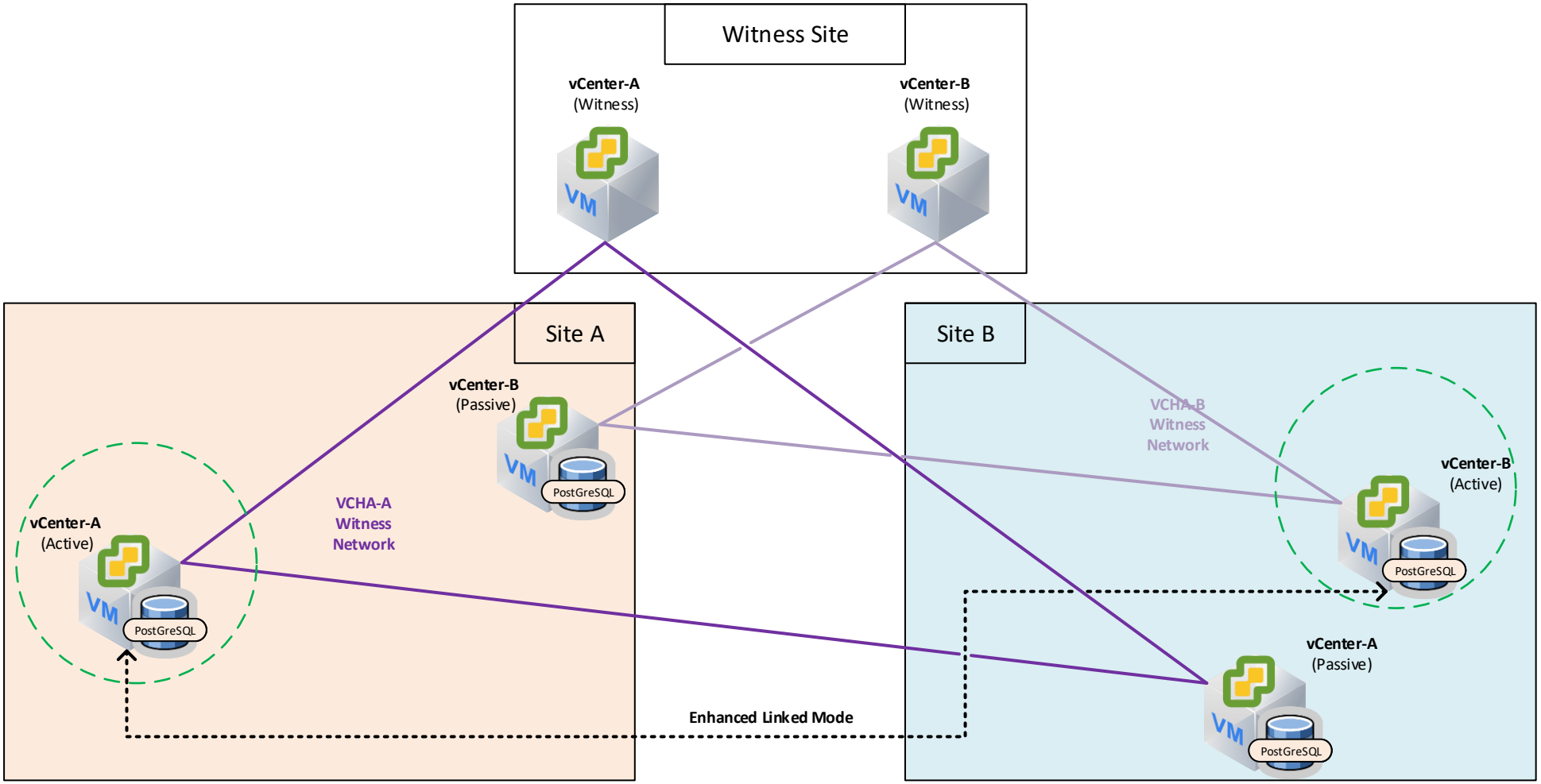
(2) VCHA local & with ELM

- The VC_A in DC_A: ($SSODomain_A$)+(PSC_A)+(VC_A)
- The VC_A in DC_B: (Pointer to $SSODomain_A$)+(PSC_B)+(VC_B)
- Advantages:
  - We can used the same session to manage both vCenter Servers.
- Disadvantages:
  - The VC_B has a **dependency** of $SSODomain_A$ (Tested in LAB) → Problem of Enhanced Linked Mode
  - In a disaster case of DC A, the VC_B couldn't authenticate the users → the SRM can't run the Recovery Plan.



(3) VCHA distributed (the VCSA-Active, VCSA-Passive and Witness in different locations) & without ELM

- The VC_A in DC_A: $(SSODomain_A)+(PSC_A)+(VC_A)$
- The VC_B in DC_B: $(SSODomain_B)+(PSC_B)+(VC_B)$
- Advantages:
  - The VC_B is independent of the $SSODomain_A$
  - In a disaster case of DC A:
    - In a disaster case of DC A, the SRM can run the Recovery Plan.
    - The VC_A(replica) ist located in DC B
- Disadvantages:
  - We always need a separate administrative session with each vCenter Server.
  - There isn't much official information about the support of a stretched VCHA in two DC.
- Requierement:
  - A Witness Site is a requirement



(4) VCHA distributed & with ELM

- The VC_A in DC_A: ($SSODomain_A$)+(PSC_A)+(VC_A)
- The VC_A in DC_B: (Pointer to $SSODomain_A$)+(PSC_B)+(VC_B)
- Advantages:
    - In a disaster case of DC A:
        - In a disaster case of DC A, the SRM can run the Recovery Plan.
        - The VC_A(replica) is in DC
    - We can used the same session to manage both vCenter Servers.
- Disadvantages:
    - There isn't much official information about the support of a stretched VCHA in two DC.
- Requierement:
    - A Witness Site is a requirement