



---

## Do certain platforms perform better with NVE and NAE?

[https://kb-stage.netapp.com/on-prem/ontap/DM/Encryption/Encryption-KBs/Do\\_certain\\_platforms\\_perfo...](https://kb-stage.netapp.com/on-prem/ontap/DM/Encryption/Encryption-KBs/Do_certain_platforms_perfo...)

Updated: Wed, 24 Jun 2026 07:14:00 GMT

### Applies to

- ONTAP 9
- NetApp Volume Encryption (NVE)
- NetApp Aggregate Encryption (NAE)

### Answer

- Yes. Hardware platforms with higher core counts perform better with NVE.
  - For example, a NetApp FAS8080 is less affected than a FAS8040 for the same workload and the same number of active encrypted data volumes.
- In certain situations, on the higher end, the performance impact of NVE is negligible or unobservable.

## Additional Information

[FAQ: NetApp Volume Encryption and NetApp Aggregate Encryption](#)