

# Using Key Encryption Keys

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# Preview



What are key encryption keys?

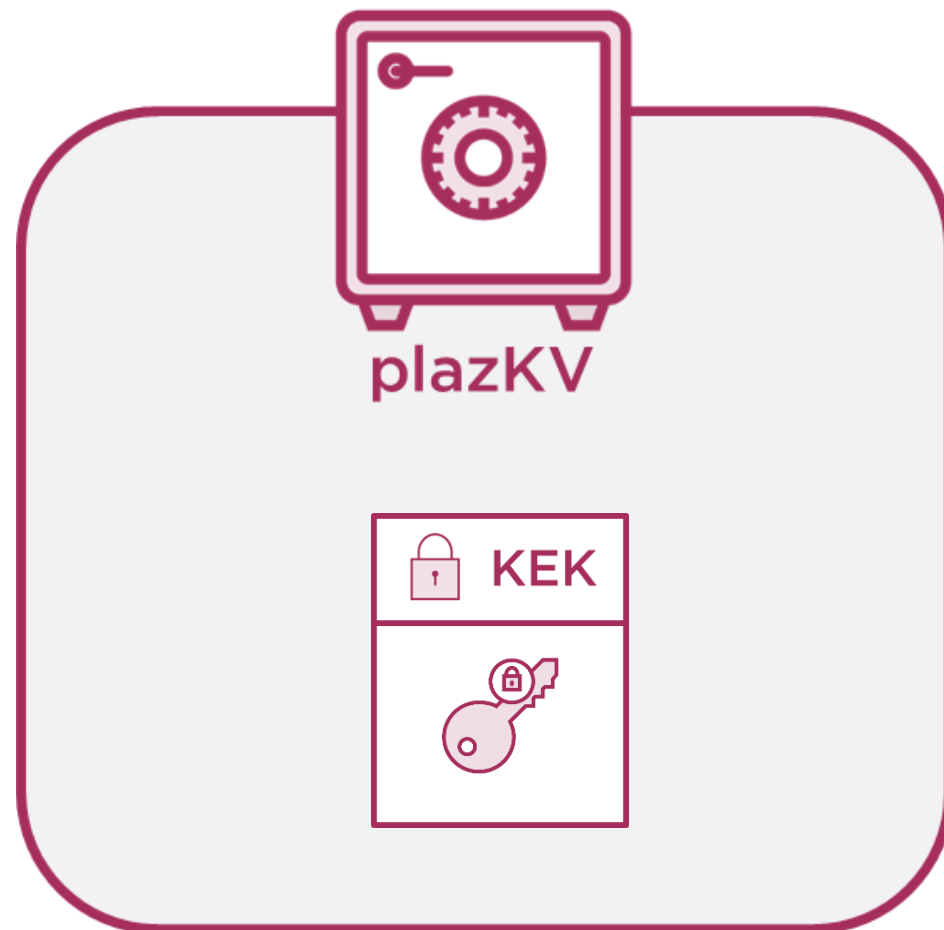
How do you set up a KEK?

How do you back up and restore a KEK?

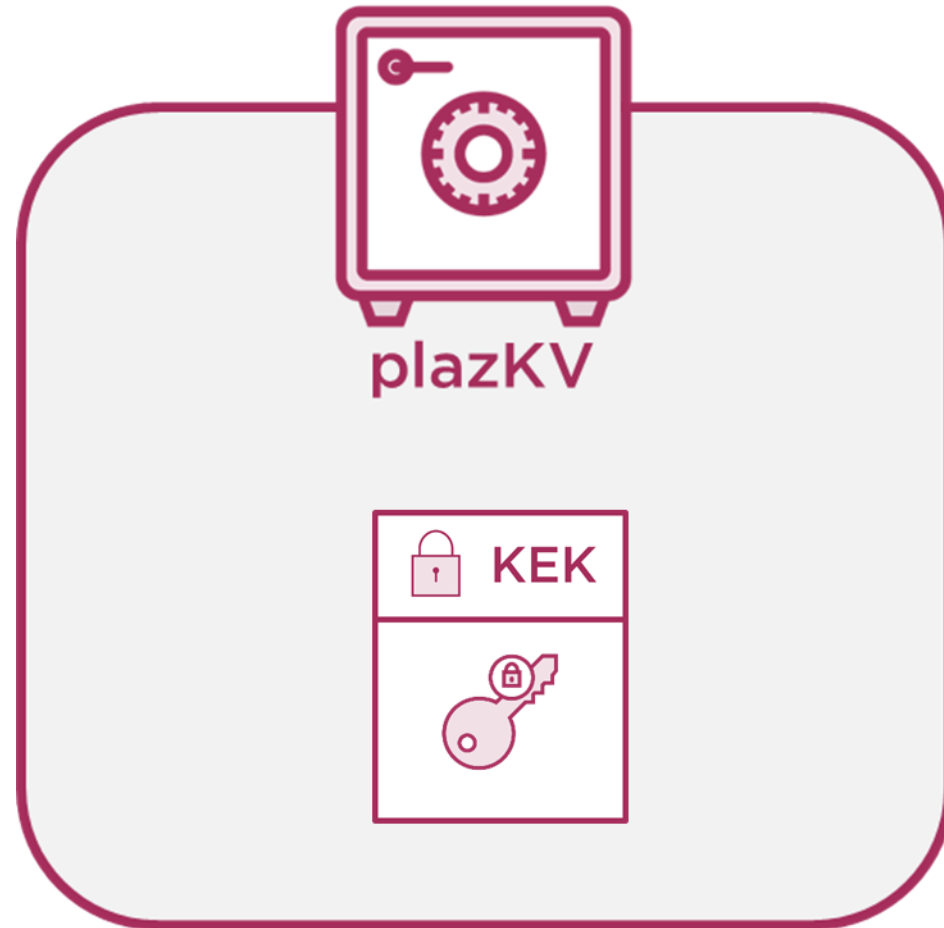
How do you encrypt a VHD with a KEK?



# Provision a Key Encryption Key

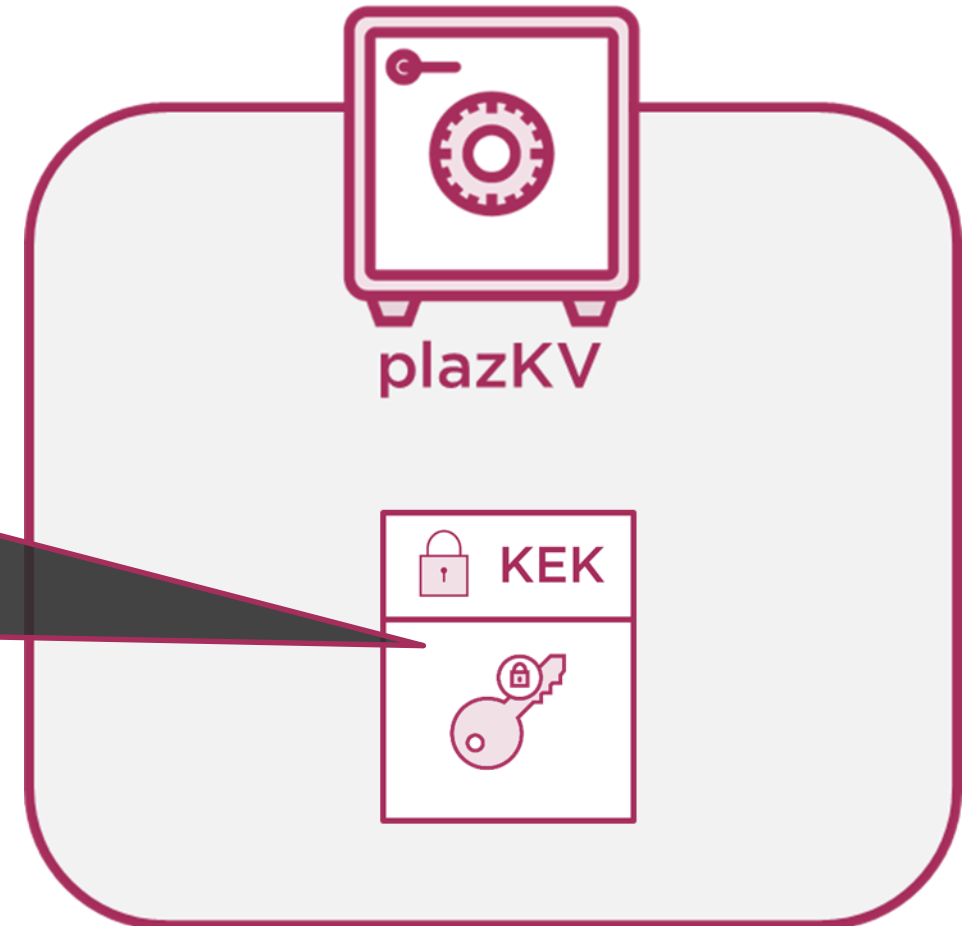


# Provision a Key Encryption Key

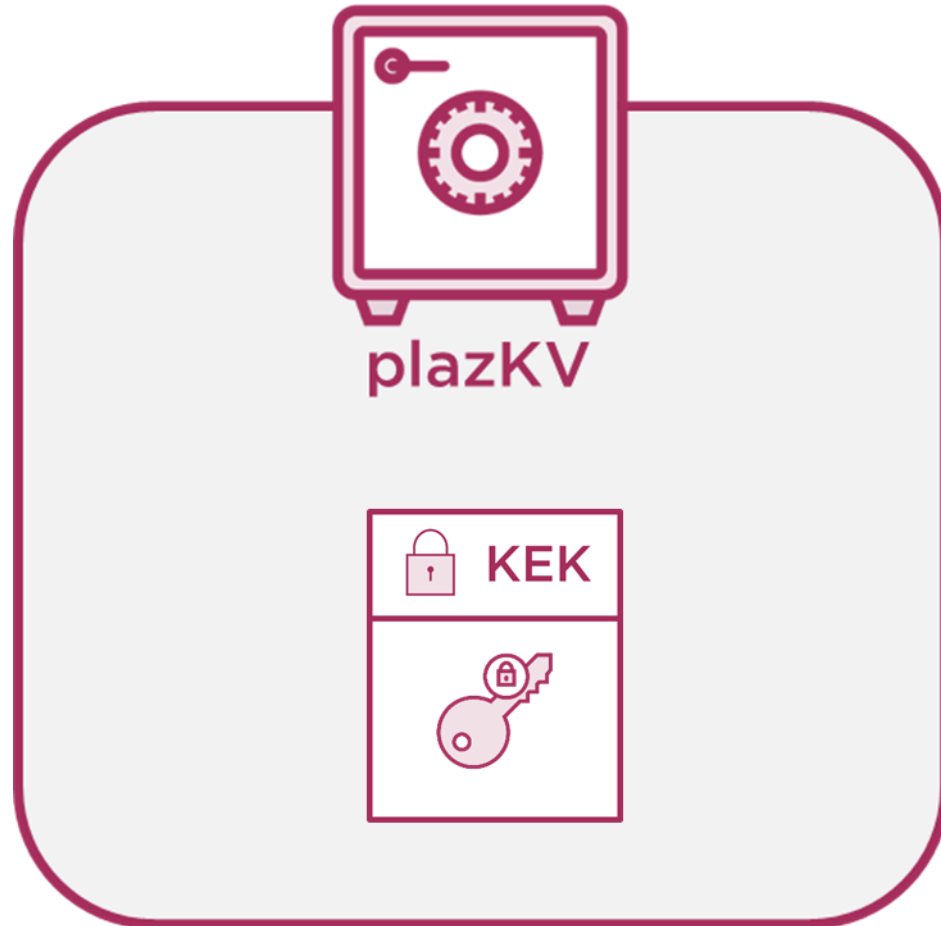


# Provision a Key Encryption Key

**Create Key to use as KEK**  
**KEK protects keys and secrets**  
**Wrap and unwrap permissions**



# Backup and Restore KEK



# Backup and Restore KEK



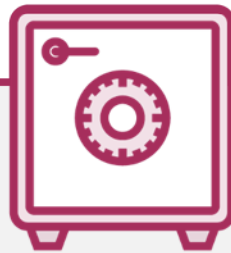
# Create plazVMKEK

Use the same template used to create plazVM2

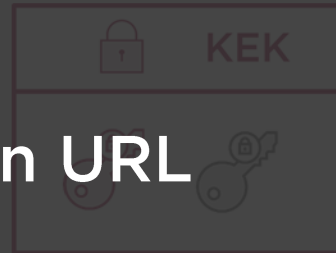
We need the KEK location URL

***201-encrypt-create-new-vm-gallery-image***

plazEncryptApp



plazKV



plazsa



OS



data



plazVMKEK





# Encrypt Data Disk with KEK

