**Cac nhom ham trong CryptoAPI**

**BASIC Service Provider Functions**

CryptEnumProviders

CryptEnumProviderTypes

CryptAcquireContext

CryptGetProvParam

CryptSetProvParam

CryptReleaseContext

**BASIC Key Generation and Exchange Functions**

CryptDeriveKey

CryptGenKey

CryptGenRandom

CryptGetUserKey

CryptGetKeyParam

CryptSetKeyParam

CryptImportKey

CryptExportKey

CryptDestroyKey

* **Basic::Data Encryption and Decryption Functions**
* CryptEncrypt
* CryptDecrypt
* CryptProtectData
* CryptUnprotectData
* CryptProtectMemory
* CryptUnprotectMemory

**Basic::Hash and Digital Signature Functions**

CryptCreateHash

CryptGetHashParam

CryptSetHashParam

CryptHashData

CryptDestroyHash

CryptSignHash

CryptUIWizDigitalSign

CryptVerifySignature

đại đa số các chương trình sử dụng CryptoAPI đều bắt đầu với hàm

**CryptAcquireContext**

advapi32.dll

cryptsp.dll

HKEY LOCAL MACHINE\SOFTWARE\Microsoft\Cryptography\Defaults\Provider

