# 2.17.3 Enterprise Encryption Function Reference

**Table 12.21 MySQL Enterprise Encryption Functions**

| Name | Description |
| --- | --- |
| ASYMMETRIC_DECRYPT() | Decrypt ciphertext using private or public key |
| ASYMMETRIC_DERIVE() | Derive symmetric key from asymmetric keys |
| ASYMMETRIC_ENCRYPT() | Encrypt cleartext using private or public key |
| ASYMMETRIC_SIGN() | Generate signature from digest |
| ASYMMETRIC_VERIFY() | Verify that signature matches digest |
| CREATE_ASYMMETRIC_PRIV_KEY() | Create private key |
| CREATE_ASYMMETRIC_PUB_KEY() | Create public key |
| CREATE_DH_PARAMETERS() | Generate shared DH secret |
| CREATE_DIGEST() | Generate digest from string |