|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Approach | F1 | F2 | F3 | S1 | S2 | S3 | N1 | N2 | N3 | N4 |
| External Encryption | ✓ | ✓ |  |  | ✓ | ✓ | ✓ | ✓ |  | ✓ |
| Mutual Encryption | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  |
| Hybrid Encryption | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ~ |
| Key Server | ✓ | ✓ | ✓ |  | ✓ | ✓ |  | ✓ | ✓ | ✓ |
| ABE | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  | ✓ | ✓ |
| IBBE | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  | ✓ | ✓ |
| CBBE | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |
| PRBE | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  | ✓ | ✓ |