







JENNER HALL FEN

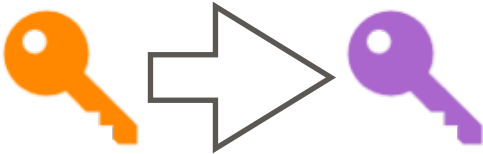


KEY REFRESH

**Problem:** Keys must only be used for a limited amount of data

**Solution:** Design for constant key rollover

| Record-ID         | Version | Masterkey ID (Data...) |     |
|-------------------|---------|------------------------|-----|
| B9E10DEE-C97E-... | 1       | B874920B-E801...       | ... |
| FDE0C6E3-8BF0-... | 1       | 9A6580FC-1248...       | ... |
| ...               | 3       | 9A6580FC-1248...       | ... |





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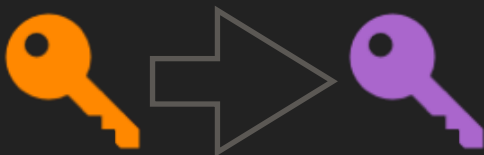


## PATTERNS

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# ALGORITHM ROLLOVER

# KEY REFRESH



**Problem:** Keys must only be used for a limited amount of data

**Solution:** Design for constant key rollover

| Record-ID         | Version | Masterkey ID     | (Data...) |
|-------------------|---------|------------------|-----------|
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