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| **CopyOnWriteArraySet()** | **synchronizedSet()** |
| It is ThreadSafe because every update operation will be performed on separate cloned copy. | It is ThreadSafe because at a time only one Thread can perform operation. |
| While one thread iterating Set, the other threads are allowed to modify and we won’t get ConcurrentModificationException. | While one thread iterating, the other threads are not allowed to modify Set otherwise we will get ConcurrentModificationException |
| Iterator is Fail-Safe | Iterator is Fail-Fast |
| Iterator can perform only read operation and can’t perform remove operation otherwise we will get RuntimeException saying UnsupportedException | Iterator can perform both read and remove operations. |
| Introduced in 1.5 version | Introduced in 1.2 version. |