



Course Overview



View Discussion

## Chapter 2: Tooling Overview

### \$indexStats, Part 5

#### Problem:

You have a sharded cluster with 4 shards. The products collection is sharded on { name : 1, dateCreated : 1 }. There are 4 chunks, one on each server, and here is the range of the shard key:

COPY

```
s1: { name: MinKey, dateCreated: MinKey} - { name: "e", dateCreated: MinKey}
s2: { name: "e", dateCreated: MinKey} - { name: "g", dateCreated: MinKey}
s3: { name: "g", dateCreated: MinKey} - { name: "m", dateCreated: MinKey}
s4: { name: "m", dateCreated: MinKey} - { name: MaxKey, dateCreated: MaxKey}
```

You have the following indexes:

COPY

```
{ _id: 1 }
{ name: 1, dateCreated: 1 }
```

```
{ price : 1 }  
{ category: 1 }
```

You perform the following query:

```
db.products.find( { name : { $in : [ "iphone", "ipad", "apple watch" ] } } )
```

 COPY

Which of the shards will increment their value of \$indexStats for an index as a result of this query?

Attempts Remaining: **Correct Answer**

Check all answers that apply:

☒ s1

☐ s2

☒ s3

☐ s4

[See detailed answer](#)

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