system.filesystem.free	long
system.filesystem.free_files	long
system.filesystem.mount_point	keyword
system.filesystem.total	long

둘 다 long 타입(정수)이라서 둘을 나눌 때, 값이 "0"으로 뜬다 -> 따라서 50.98 같은 꼴의 값을 구할 수 없다.

metricbeat*

Time field: '@timestamp'

View and edit fields in **metricbeat***. Field attributes, such as type and searchabil

Fields (3116)   Scripted fields (0)   Field filters (0)

Search

Name ↑
@timestamp 🕐
Free Disk Space 🗒
_id
_index
_score

Edit field 'Free Disk Space'

Index pattern: *metricbeat**

Name

Free Disk Space

Type

Double

⊗ **Set custom label**

Create a label to display in place of the field name in Discover, Maps, and Visualize. Useful for shortening a long field name. Queries and filters use the original field name.

✔ **Set value**

Set a value for the field instead of retrieving it from the field with the same name in `_source`.

Define script

```
1   if (doc['system.filesystem.free'].size()!=0)
2     return emit(
3     doc['system.filesystem.free'].value
4   );
```

System.filesystem.free를 Double 타입(실수)로 바꾸고

aerospike.namespace.memory.free.pct

couchbase.cluster.hdd.free.bytes

couchbase.node.memory.free.bytes

elasticsearch.node.stats.fs.summary.free.bytes

free_disk_space

free_disk_space2

golang.heap.allocations.frees

haproxy.info.pipes.free

kubernetes.container.logs.inodes.free

kubernetes.node.fs.inodes.free

kubernetes.volume.fs.inodes.free

linux.memory.hugepages.free

linux.memory.page.stats.pgfree.pages

Edit field 'free_disk_space'
Index pattern: *metricbeat**

Name

free_disk_space

Type

Double

Set custom label

Create a label to display in place of the field name in Discover, Maps, and Visualize. Useful for shortening a long field name. Queries and filters use the original field name.

Set value

Set a value for the field instead of retrieving it from the field with the same name in _source .

Define script

```
1  if (doc['system.filesystem.free'].size()!=0)
2    return emit(
3    doc['system.filesystem.total'].value
4  );
```

System.filesystem.total를 Double 타입(실수)로 바꾼다.

aerospike.namespace.memory.free.pct	
couchbase.cluster.hdd.free.bytes	
couchbase.node.memory.free.bytes	
elasticsearch.node.stats.fs.summary.free.bytes	
free_disk_space	
free_disk_space2	
golang.heap.allocations.frees	
haproxy.info.pipes.free	
kubernetes.container.logs.inodes.free	
kubernetes.node.fs.inodes.free	
kubernetes.volume.fs.inodes.free	
linux.memory.hugepages.free	
linux.memory.page_stats.pgfree.pages	

Edit field 'free_disk_space2'
Index pattern: *metricbeat**

Name
free_disk_space2

Type
Double

Set custom label
Create a label to display in place of the field name in Discover, Maps, and Visualize. Useful for shortening a long field name. Queries and filters use the original field name.

Set value
Set a value for the field instead of retrieving it from the field with the same name in `_source`.
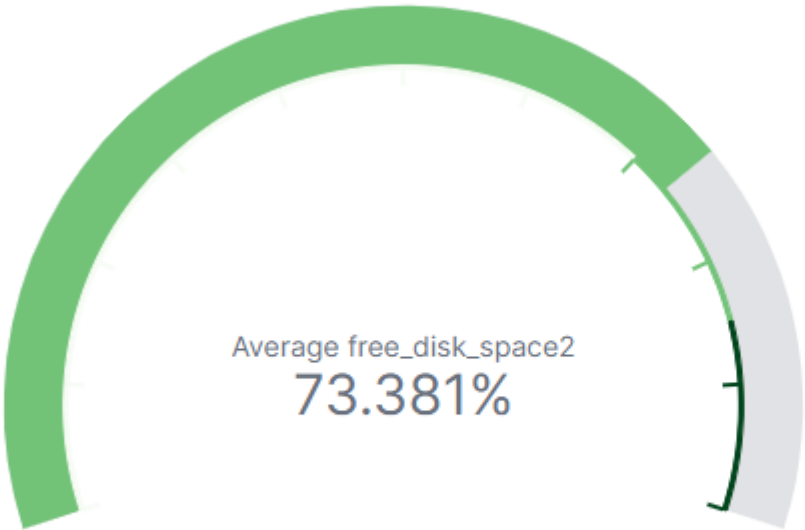
Define script
```
1    if (doc['system.filesystem.free'].size()!=0)
2    return emit(
3    (doc['Free Disk Space'].value /
4    doc['free_disk_space'].value) *100
5    );
```

두 행 나누기

0% - 70%
70% - 85%
85% - 100%

Average free_disk_space2
73.381%

Average free_disk_space2

결과값

결과값

metricbeat*

Time field: '@timestamp'

View and edit fields in **metricbeat***. Field attributes, such as type and searchabil

| Fields (24 / 3114) | Scripted fields (0) | Field filters (0) |

🔍 load

Name ↑

apache.status.cpu.load

apache.status.load.1

apache.status.load.15

apache.status.load.5

envoyproxy.server.runtime.load_error

envoyproxy.server.runtime.load_success

haproxy.stat.load_balancing_algorithm

kubernetes.service.load_balancer_ip

load_1_5_15 📄▶

mongodb.metrics.replication.preload.docs.count

Edit field 'load_1_5_15'

Index pattern: *metricbeat**

Name

load_1_5_15

Type

Double ⌄

⊗ **Set custom label**

Create a label to display in place of the field name in Discover, Maps, and Visualize. Useful for shortening a long field name. Queries and filters use the original field name.

✓ **Set value**

Set a value for the field instead of retrieving it from the field with the same name in `_source`.

Define script

```
1    if (doc['system.load.1'].size()!=0)
2    return emit(
3    doc['system.load.1'].value+
4    doc['system.load.5'].value+
5    doc['system.load.15'].value
6    );
```

여러 행 더하기

Preview

From: metricbeat*

Document ID

gCxewn0BZRD4m2_f3NQM

load_1_5_15	**0.060000000000000005**
@timestamp	2021-12-16T08:32:10.622Z
agent.ephemeral_id	716a3c73-b2f5-43f2-881...
agent.hostname	iShark
agent.id	91463df5-87ca-46c2-85...
agent.name	iShark
agent.type	metricbeat
agent.version	7.15.1

Show more

[No Title]

0.079

Load Average
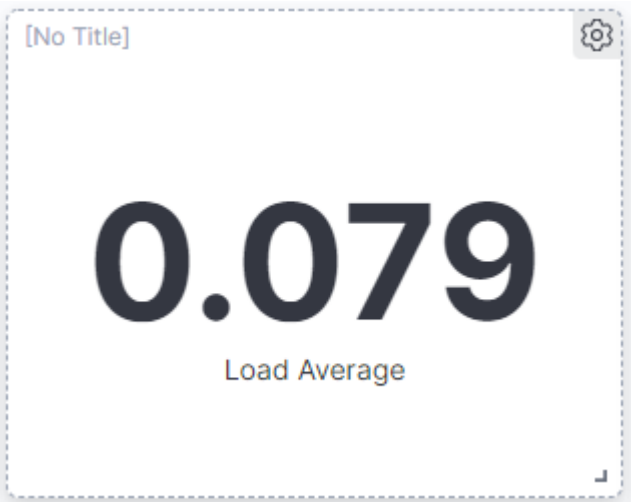
결과값

Create field

Index pattern: *metricbeat**

Name

MySQL status

Type

Keyword ∨

○ ✕ **Set custom label**

Create a label to display in place of the field name in Discover, Maps, and Visualize. Useful for shortening a long field name. Queries and filters use the original field name.

✓○ **Set value**

Set a value for the field instead of retrieving it from the field with the same name in `_source` .

Define script

```
1    if (doc['mysql.status.connections'].size()==0)
2    return emit("DOWN");
3    else
4    return emit("UP");
```

Preview

From: metricbeat*

Document ID

fixewn0BZRD4m2_f3NQM   ‹ ›

🔍 Filter fields

MySQL status	DOWN
@timestamp	2021-12-16T08:32:10.619Z
agent.ephemeral_id	716a3c73-b2f5-43f2-881...
agent.hostname	iShark
agent.id	91463df5-87ca-46c2-85...
agent.name	iShark
agent.type	metricbeat
agent.version	7.15.1

Show more

켜져있으면 UP 안켜져있으면 DOWN

Dashboard Create   Inspect   Share   Cancel   Save to library   ⊘ Save and return

Search   KQL   📅 ⌄   Last 7 days   Show dates   ↻ Refresh

+ Add filter

DOWN

Last MySQL status

metricbeat*

Data   Options

Metrics

⌄ Metric

Aggregation   Top Hit help ⧉

Top Hit   ⌄

Field

MySQL status   ⌄

Aggregate with ⑦   Size ⑦

Concatenate   ⌄   1

결과값

Save changes to 'load_1_5_15'

⚠ Changing name or type can break searches and visualizations that rely on this field.

Enter CHANGE to continue

Cancel   Save changes

유형을 바꾸고 싶으면 해당창에 CHANGE라고 써주어야 된다.

Remove field 'load_1_5_15'

⚠ Removing fields can break searches and visualizations that rely on this field.

Enter REMOVE to confirm

Cancel   Remove field

삭제하고 싶으면 해당창에 REMOVE라고 써주어야 한다.