

PO12: Przetwarzanie Big Data 22/23-Z

Rozpoczęto	poniedziałek, 9 stycznia 2023, 22:45
Stan	Ukończone
Ukończono	poniedziałek, 9 stycznia 2023, 22:49
Wykorzystany czas	4 min. 6 sek.

03

Using the HBase web interface and Home tab, answer the following questions:

a. How many region servers are available?

2

✓

b. How many regions are there on average per region server?

1.00

✓

c. What is the maximum amount of memory used by region server use in GB?

1.8

✓

d. What is the current size of the Memstore?

0

✓

e. How many Storefiles (HFiles) are used together in all region servers?

4

✓

f. What is the total size of these files?

0

✓

MB

g. What is the total size of the indices?

0

✓

MB

h. What is the total size of the Bloom filters?

0

✓

MB

i. How many cells have been merged so far?

0

✓

j. What are the user tables that are currently available? Are there any user tables?

No

✓

k. What are the system tables that are currently available? (do you know their content/meaning?)

Complete their names: hbase.m

eta

✓

, hbase.n

amespace

✓

Pytanie 1

Poprawnie

Punkty maks.: 12,00

Oflaguj pytanie

07

First, check the list of namespaces you are using.

Enter the required command:

list_namespace

✓

Pytanie 2

Poprawnie

Punkty maks.: 1,00

Oflaguj pytanie

08

Create a new mondial namespace. Be sure to enclose any names and values with single quotes.

Enter the required command:

create_namespace 'mondial'

✓

Pytanie 3

Poprawnie

Punkty maks.: 1,00

Oflaguj pytanie

10

Run the commands below.

```
put 'mondial:countries', 'FR', 'general:name', 'France'
put 'mondial:countries', 'FR', 'general:capital', 'Paris'
put 'mondial:countries', 'FR', 'general:area', '547030'
put 'mondial:countries', 'FR', 'economy:gdp', '2739000'
put 'mondial:countries', 'FR', 'economy:inflation', '0.9'
put 'mondial:countries', 'FR', 'economy:unemployment', '10.2'
put 'mondial:countries', 'FR', 'population:1946', '40502513'
put 'mondial:countries', 'FR', 'population:1982', '54334871'
put 'mondial:countries', 'FR', 'population:2011', '64933400'
```

How many rows have been inserted?

1

✓

Pytanie 4

Poprawnie

Punkty maks.: 1,00

Oflaguj pytanie

11

Use the describe command to get the basic parameters of the column families of the table.

```
describe 'mondial:countries'
```

How many versions of data will be stored in the cells of the population column family?

1

✓

Pytanie 5

Poprawnie

Punkty maks.: 1,00

Oflaguj pytanie

14

Use the scan command to view the contents of the table 'mondial:countries'.

Enter the required command:

scan 'mondial:countries'

✓

Which value of the population in 2011 in France was displayed?

65370000

✓

Pytanie 6

Poprawnie

Punkty maks.: 2,00

Oflaguj pytanie

17

Use the scan command to retrieve the contents of the 'hbase:meta' table for the 'info:regioninfo' column and rows which key starts with 'mondial' string.

```
scan 'hbase:meta', {ROWPREFIXFILTER => 'mondial', COLUMNS => 'info:regioninfo'}
```

How many regions 'mondial:countries' table has?

1

✓

Pytanie 7

Poprawnie

Punkty maks.: 1,00

Oflaguj pytanie

24

Answer the following questions

a. What type of engine was used to load the data?

MapReduce

✓

b. Was the reduce phase used?

No

✓

c. Read from the statistics how many rows have been loaded.

245

✓

Pytanie 8

Poprawnie

Punkty maks.: 3,00

Oflaguj pytanie

32

Using the split command, split the first region of the table 'mondial:countries' at the key value M.

Complete the following command:

```
scan 'hbase:meta', {ROWPREFIXFILTER => 'mondial', COLUMNS => 'info:regioninfo'}
```

Pytanie 9

Poprawnie

Punkty maks.: 3,00

Oflaguj pytanie

33

Check how many **online** regions the 'mondial:countries' table is using now?

2

✓

Pytanie 10

Poprawnie

Punkty maks.: 1,00

Oflaguj pytanie

Nawigacja w treści

1

2

3

4

5

6

7

8

9

10

Pokaż jedną stronę na raz

Zakończ przegląd

Zakończ przegląd