Word Count

package PackageDemo;  
  
import java.io.IOException;  
  
import org.apache.hadoop.conf.Configuration;  
import org.apache.hadoop.fs.Path;  
import org.apache.hadoop.io.IntWritable;  
import org.apache.hadoop.io.LongWritable;  
import org.apache.hadoop.io.Text;  
import org.apache.hadoop.mapreduce.Job;  
import org.apache.hadoop.mapreduce.Mapper;  
import org.apache.hadoop.mapreduce.Reducer;  
//import org.apache.hadoop.mapreduce.Mapper.Context;  
//import org.apache.hadoop.mapreduce.Reducer.Context;  
import org.apache.hadoop.mapreduce.lib.input.FileInputFormat;  
import org.apache.hadoop.mapreduce.lib.output.FileOutputFormat;  
import org.apache.hadoop.util.GenericOptionsParser;  
  
//import PackageDemo.WordCount.MapForWordCount;  
//import PackageDemo.WordCount.ReduceForWordCount;  
  
  
public class LogProcessing {  
public static void main(String[] args) throws Exception {  
        Configuration conf = new Configuration();  
        String[] files = new GenericOptionsParser(conf, args).getRemainingArgs();  
        Path input = new Path(files[0]);  
        Path output = new Path(files[1]);  
        Job job = Job.getInstance(conf, "Log File Processing");  
        job.setJarByClass(LogProcessing.class);  
  
        job.setMapperClass(MapForLogProcessing.class);  
        job.setReducerClass(ReduceForLogProcessing.class);  
  
        job.setOutputKeyClass(Text.class);  
        job.setOutputValueClass(IntWritable.class);  
         
        FileInputFormat.addInputPath(job, input);  
        FileOutputFormat.setOutputPath(job, output);  
  
        System.exit(job.waitForCompletion(true) ? 0 : 1);  
}  
  
public static class MapForLogProcessing extends Mapper<LongWritable, Text, Text, IntWritable> {  
    public void map(LongWritable key, Text value, Context context) throws IOException, InterruptedException {  
        String line = value.toString();  
        String[] fields = line.split(",");  
         
        if (fields.length > 2) {  
            String ipAddress = fields[2];  // Assuming the 3rd field is the IP address  
            // Emit the IP address and a count of 1 for each occurrence (login attempt)  
            context.write(new Text(ipAddress), new IntWritable(1));  
        }  
        else {  
            // You can skip the invalid lines or log them if needed  
            System.out.println("Skipping invalid line: " + line);  
        }  
       // String ipAddress = fields[2];  // Assuming the 3rd field is the IP address  
       // String timestamp = fields[6];  // The timestamp when the access happened  
  
        // Emit the IP address and a count of 1 for each occurrence (login attempt)  
        //context.write(new Text(ipAddress), new IntWritable(1));  
    }  
}  
  
public static class ReduceForLogProcessing extends Reducer<Text, IntWritable, Text, IntWritable> {  
    public void reduce(Text key, Iterable<IntWritable> values, Context context) throws IOException, InterruptedException {  
        int loginCount = 0;  
         
        for (IntWritable value : values) {  
            loginCount += value.get();  // Increment the login count for each occurrence  
        }  
  
        // Output the IP address and the number of login attempts  
         
        //context.write(key, new IntWritable(loginCount));  
        String output = "IP Address: " + key.toString() + " - Count: " + loginCount;  
        context.write(new Text(output), null);  
    }  
}  
}

Output :

[cloudera@quickstart Desktop]$ hadoop fs -cat d9/part-r-00000

BUS 4  
CAR 7  
TRAIN 6

Bill Consumption

package PackageDemo;  
  
import java.io.IOException;  
  
import org.apache.hadoop.conf.Configuration;  
import org.apache.hadoop.fs.Path;  
import org.apache.hadoop.io.IntWritable;  
import org.apache.hadoop.io.LongWritable;  
import org.apache.hadoop.io.Text;  
import org.apache.hadoop.mapreduce.Job;  
import org.apache.hadoop.mapreduce.Mapper;  
import org.apache.hadoop.mapreduce.Reducer;  
  
import org.apache.hadoop.mapreduce.lib.input.FileInputFormat;  
import org.apache.hadoop.mapreduce.lib.output.FileOutputFormat;  
import org.apache.hadoop.util.GenericOptionsParser;  
  
import PackageDemo.WordCount;  
  
  
public class BillConsumption {  
  
public static void main(String [] args) throws Exception  
{  
Configuration c=new Configuration();  
String[] files=new GenericOptionsParser(c,args).getRemainingArgs();  
Path input=new Path(files[0]);  
Path output=new Path(files[1]);  
Job j=new Job(c,"wordcount");  
j.setJarByClass(WordCount.class);  
j.setMapperClass(MapForWordCount.class);  
j.setReducerClass(ReduceForWordCount.class);  
j.setOutputKeyClass(Text.class);  
j.setOutputValueClass(IntWritable.class);  
FileInputFormat.addInputPath(j, input);  
FileOutputFormat.setOutputPath(j, output);  
System.exit(j.waitForCompletion(true)?0:1);  
}  
public static class MapForWordCount extends Mapper<LongWritable, Text, Text, IntWritable>{  
public void map(LongWritable key, Text value, Context con) throws IOException, InterruptedException  
{  
String allLines = value.toString() ;  
String[] lines = allLines.split("\n") ;  
for(int i=0;i<lines.length;i++){  
String[] words = lines[i].split(",") ;  
String year = words[0] ;  
Text outputKey = new Text(year.toUpperCase().trim());  
for(int j=1;j<words.length;j++){  
IntWritable outputValue = new IntWritable(Integer.parseInt(words[j]));  
con.write(outputKey, outputValue);  
}  
}  
  
}  
}  
  
public static class ReduceForWordCount extends Reducer<Text, IntWritable, Text, IntWritable>  
{  
int flag = 0 ;  
public void reduce(Text word, Iterable<IntWritable> values, Context con) throws IOException, InterruptedException  
{  
int max = 0;  
if(flag == 0){  
con.write(new Text("year \t month \t max \t") , new IntWritable()) ;  
flag ++ ;  
}  
int i=0 , maxi = 0  ;  
String[] months = {"Jan","Feb","Mar","Apr","May","Jun","Jul","Aug","Sep","Oct","Nov","Dec"};  
for(IntWritable value : values)  
{  
i ++ ;  
if(value.get()>max){  
max = value.get();  
maxi = i ;  
}  
}  
Text output = new Text(word + "\t" + months[maxi]) ;  
con.write(output,new IntWritable(max));  
}  
  
}  
  
}

Log Processing

package PackageDemo;  
  
import java.io.IOException;  
  
import org.apache.hadoop.conf.Configuration;  
import org.apache.hadoop.fs.Path;  
import org.apache.hadoop.io.IntWritable;  
import org.apache.hadoop.io.LongWritable;  
import org.apache.hadoop.io.Text;  
import org.apache.hadoop.mapreduce.Job;  
import org.apache.hadoop.mapreduce.Mapper;  
import org.apache.hadoop.mapreduce.Reducer;  
//import org.apache.hadoop.mapreduce.Mapper.Context;  
//import org.apache.hadoop.mapreduce.Reducer.Context;  
import org.apache.hadoop.mapreduce.lib.input.FileInputFormat;  
import org.apache.hadoop.mapreduce.lib.output.FileOutputFormat;  
import org.apache.hadoop.util.GenericOptionsParser;  
  
//import PackageDemo.WordCount.MapForWordCount;  
//import PackageDemo.WordCount.ReduceForWordCount;  
  
  
public class LogProcessing {  
public static void main(String[] args) throws Exception {  
        Configuration conf = new Configuration();  
        String[] files = new GenericOptionsParser(conf, args).getRemainingArgs();  
        Path input = new Path(files[0]);  
        Path output = new Path(files[1]);  
        Job job = Job.getInstance(conf, "Log File Processing");  
        job.setJarByClass(LogProcessing.class);  
  
        job.setMapperClass(MapForLogProcessing.class);  
        job.setReducerClass(ReduceForLogProcessing.class);  
  
        job.setOutputKeyClass(Text.class);  
        job.setOutputValueClass(IntWritable.class);  
         
        FileInputFormat.addInputPath(job, input);  
        FileOutputFormat.setOutputPath(job, output);  
  
        System.exit(job.waitForCompletion(true) ? 0 : 1);  
}  
  
public static class MapForLogProcessing extends Mapper<LongWritable, Text, Text, IntWritable> {  
    public void map(LongWritable key, Text value, Context context) throws IOException, InterruptedException {  
        String line = value.toString();  
        String[] fields = line.split(",");  
         
        if (fields.length > 2) {  
            String ipAddress = fields[2];  // Assuming the 3rd field is the IP address  
            // Emit the IP address and a count of 1 for each occurrence (login attempt)  
            context.write(new Text(ipAddress), new IntWritable(1));  
        }  
        else {  
            // You can skip the invalid lines or log them if needed  
            System.out.println("Skipping invalid line: " + line);  
        }  
       // String ipAddress = fields[2];  // Assuming the 3rd field is the IP address  
       // String timestamp = fields[6];  // The timestamp when the access happened  
  
        // Emit the IP address and a count of 1 for each occurrence (login attempt)  
        //context.write(new Text(ipAddress), new IntWritable(1));  
    }  
}  
  
public static class ReduceForLogProcessing extends Reducer<Text, IntWritable, Text, IntWritable> {  
    public void reduce(Text key, Iterable<IntWritable> values, Context context) throws IOException, InterruptedException {  
        int loginCount = 0;  
         
        for (IntWritable value : values) {  
            loginCount += value.get();  // Increment the login count for each occurrence  
        }  
  
        // Output the IP address and the number of login attempts  
         
        //context.write(key, new IntWritable(loginCount));  
        String output = "IP Address: " + key.toString() + " - Count: " + loginCount;  
        context.write(new Text(output), null);  
    }  
}  
}

Output :

IP Address: 10.10.12.205 - Count: 566  
IP Address: 10.10.12.206 - Count: 296  
IP Address: 10.10.12.207 - Count: 327  
IP Address: 10.10.12.209 - Count: 856  
IP Address: 10.10.12.21 - Count: 174  
IP Address: 10.10.12.211 - Count: 1045  
IP Address: 10.10.12.212 - Count: 485  
IP Address: 10.10.12.213 - Count: 2850  
IP Address: 10.10.12.214 - Count: 169  
IP Address: 10.10.12.215 - Count: 9  
IP Address: 10.10.12.216 - Count: 3923  
IP Address: 10.10.12.217 - Count: 74  
IP Address: 10.10.12.218 - Count: 870  
IP Address: 10.10.12.219 - Count: 631  
IP Address: 10.10.12.22 - Count: 217  
IP Address: 10.10.12.220 - Count: 777  
IP Address: 10.10.12.221 - Count: 998  
IP Address: 10.10.12.222 - Count: 300  
IP Address: 10.10.12.223 - Count: 174  
IP Address: 10.10.12.225 - Count: 743  
IP Address: 10.10.12.226 - Count: 567  
IP Address: 10.10.12.229 - Count: 2353  
IP Address: 10.10.12.23 - Count: 339  
IP Address: 10.10.12.230 - Count: 263  
IP Address: 10.10.12.231 - Count: 1034  
IP Address: 10.10.12.232 - Count: 343  
IP Address: 10.10.12.233 - Count: 946  
IP Address: 10.10.12.234 - Count: 734  
IP Address: 10.10.12.235 - Count: 730  
IP Address: 10.10.12.236 - Count: 498  
IP Address: 10.10.12.238 - Count: 26  
IP Address: 10.10.12.239 - Count: 844  
IP Address: 10.10.12.24 - Count: 1488  
IP Address: 10.10.12.240 - Count: 608  
IP Address: 10.10.12.241 - Count: 24  
IP Address: 10.10.12.242 - Count: 1083  
IP Address: 10.10.12.243 - Count: 5  
IP Address: 10.10.12.244 - Count: 928  
IP Address: 10.10.12.246 - Count: 26  
IP Address: 10.10.12.247 - Count: 150  
IP Address: 10.10.12.249 - Count: 1172  
IP Address: 10.10.12.25 - Count: 448  
IP Address: 10.10.12.250 - Count: 234  
IP Address: 10.10.12.251 - Count: 517  
IP Address: 10.10.12.253 - Count: 361  
IP Address: 10.10.12.254 - Count: 328  
IP Address: 10.10.12.255 - Count: 372  
IP Address: 10.10.12.26 - Count: 563  
IP Address: 10.10.12.27 - Count: 3189  
IP Address: 10.10.12.28 - Count: 55  
IP Address: 10.10.12.29 - Count: 70  
IP Address: 10.10.12.3 - Count: 64  
IP Address: 10.10.12.30 - Count: 539  
IP Address: 10.10.12.31 - Count: 153  
IP Address: 10.10.12.32 - Count: 22  
IP Address: 10.10.12.34 - Count: 68  
IP Address: 10.10.12.37 - Count: 25  
IP Address: 10.10.12.38 - Count: 1549  
IP Address: 10.10.12.41 - Count: 350  
IP Address: 10.10.12.44 - Count: 370  
IP Address: 10.10.12.45 - Count: 803  
IP Address: 10.10.12.46 - Count: 318  
IP Address: 10.10.12.47 - Count: 3041  
IP Address: 10.10.12.49 - Count: 3518  
IP Address: 10.10.12.5 - Count: 18  
IP Address: 10.10.12.51 - Count: 110  
IP Address: 10.10.12.52 - Count: 1964  
IP Address: 10.10.12.54 - Count: 2  
IP Address: 10.10.12.55 - Count: 127  
IP Address: 10.10.12.56 - Count: 3296  
IP Address: 10.10.12.59 - Count: 1220  
IP Address: 10.10.12.6 - Count: 1057  
IP Address: 10.10.12.60 - Count: 156  
IP Address: 10.10.12.62 - Count: 744  
IP Address: 10.10.12.63 - Count: 1076  
IP Address: 10.10.12.64 - Count: 200  
IP Address: 10.10.12.65 - Count: 563  
IP Address: 10.10.12.66 - Count: 243  
IP Address: 10.10.12.67 - Count: 23  
IP Address: 10.10.12.69 - Count: 434  
IP Address: 10.10.12.7 - Count: 191  
IP Address: 10.10.12.70 - Count: 3137  
IP Address: 10.10.12.71 - Count: 1809  
IP Address: 10.10.12.73 - Count: 318  
IP Address: 10.10.12.74 - Count: 2490  
IP Address: 10.10.12.75 - Count: 488  
IP Address: 10.10.12.76 - Count: 800  
IP Address: 10.10.12.77 - Count: 86  
IP Address: 10.10.12.78 - Count: 12  
IP Address: 10.10.12.8 - Count: 3152  
IP Address: 10.10.12.83 - Count: 1155  
IP Address: 10.10.12.85 - Count: 133  
IP Address: 10.10.12.88 - Count: 831  
IP Address: 10.10.12.89 - Count: 839  
IP Address: 10.10.12.90 - Count: 61  
IP Address: 10.10.12.91 - Count: 358  
IP Address: 10.10.12.92 - Count: 855  
IP Address: 10.10.12.93 - Count: 3348  
IP Address: 10.10.12.95 - Count: 241  
IP Address: 10.10.12.96 - Count: 1014  
IP Address: 10.10.12.97 - Count: 276  
IP Address: 10.10.12.99 - Count: 726  
IP Address: 10.10.13.0 - Count: 645  
IP Address: 10.10.13.1 - Count: 36  
IP Address: 10.10.13.10 - Count: 32  
IP Address: 10.10.13.101 - Count: 342  
IP Address: 10.10.13.102 - Count: 72  
IP Address: 10.10.13.103 - Count: 2  
IP Address: 10.10.13.104 - Count: 161  
IP Address: 10.10.13.106 - Count: 539  
IP Address: 10.10.13.107 - Count: 201  
IP Address: 10.10.13.108 - Count: 403  
IP Address: 10.10.13.11 - Count: 2  
IP Address: 10.10.13.110 - Count: 770  
IP Address: 10.10.13.111 - Count: 55  
IP Address: 10.10.13.115 - Count: 743  
IP Address: 10.10.13.116 - Count: 1277  
IP Address: 10.10.13.117 - Count: 30  
IP Address: 10.10.13.118 - Count: 334  
IP Address: 10.10.13.121 - Count: 1142  
IP Address: 10.10.13.122 - Count: 936  
IP Address: 10.10.13.123 - Count: 202  
IP Address: 10.10.13.124 - Count: 328  
IP Address: 10.10.13.125 - Count: 1106  
IP Address: 10.10.13.126 - Count: 1667  
IP Address: 10.10.13.128 - Count: 289  
IP Address: 10.10.13.129 - Count: 25  
IP Address: 10.10.13.13 - Count: 617  
IP Address: 10.10.13.130 - Count: 78  
IP Address: 10.10.13.131 - Count: 233  
IP Address: 10.10.13.132 - Count: 744  
IP Address: 10.10.13.133 - Count: 24  
IP Address: 10.10.13.134 - Count: 98  
IP Address: 10.10.13.135 - Count: 27  
IP Address: 10.10.13.136 - Count: 1772  
IP Address: 10.10.13.137 - Count: 308  
IP Address: 10.10.13.138 - Count: 412  
IP Address: 10.10.13.14 - Count: 426  
IP Address: 10.10.13.141 - Count: 576  
IP Address: 10.10.13.142 - Count: 3990  
IP Address: 10.10.13.144 - Count: 219  
IP Address: 10.10.13.146 - Count: 22  
IP Address: 10.10.13.147 - Count: 213  
IP Address: 10.10.13.148 - Count: 166  
IP Address: 10.10.13.15 - Count: 53  
IP Address: 10.10.13.150 - Count: 1431  
IP Address: 10.10.13.151 - Count: 90  
IP Address: 10.10.13.152 - Count: 175  
IP Address: 10.10.13.153 - Count: 4377  
IP Address: 10.10.13.156 - Count: 78  
IP Address: 10.10.13.158 - Count: 207  
IP Address: 10.10.13.159 - Count: 8  
IP Address: 10.10.13.16 - Count: 607  
IP Address: 10.10.13.160 - Count: 1222  
IP Address: 10.10.13.161 - Count: 122  
IP Address: 10.10.13.162 - Count: 2719  
IP Address: 10.10.13.165 - Count: 70  
IP Address: 10.10.13.166 - Count: 112  
IP Address: 10.10.13.167 - Count: 23  
IP Address: 10.10.13.168 - Count: 28  
IP Address: 10.10.13.169 - Count: 213  
IP Address: 10.10.13.17 - Count: 58  
IP Address: 10.10.13.170 - Count: 169  
IP Address: 10.10.13.172 - Count: 5398  
IP Address: 10.10.13.174 - Count: 123  
IP Address: 10.10.13.176 - Count: 293  
IP Address: 10.10.13.177 - Count: 34  
IP Address: 10.10.13.178 - Count: 48  
IP Address: 10.10.13.179 - Count: 342  
IP Address: 10.10.13.18 - Count: 1077  
IP Address: 10.10.13.181 - Count: 29  
IP Address: 10.10.13.182 - Count: 399  
IP Address: 10.10.13.183 - Count: 97  
IP Address: 10.10.13.184 - Count: 35  
IP Address: 10.10.13.186 - Count: 3214  
IP Address: 10.10.13.187 - Count: 7  
IP Address: 10.10.13.188 - Count: 76  
IP Address: 10.10.13.189 - Count: 57  
IP Address: 10.10.13.190 - Count: 62  
IP Address: 10.10.13.191 - Count: 508  
IP Address: 10.10.13.192 - Count: 222  
IP Address: 10.10.13.195 - Count: 303  
IP Address: 10.10.13.196 - Count: 10  
IP Address: 10.10.13.199 - Count: 4063  
IP Address: 10.10.13.2 - Count: 62  
IP Address: 10.10.13.20 - Count: 751  
IP Address: 10.10.13.201 - Count: 21  
IP Address: 10.10.13.203 - Count: 901  
IP Address: 10.10.13.204 - Count: 1279  
IP Address: 10.10.13.206 - Count: 167  
IP Address: 10.10.13.208 - Count: 5  
IP Address: 10.10.13.21 - Count: 959  
IP Address: 10.10.13.211 - Count: 5839  
IP Address: 10.10.13.216 - Count: 6  
IP Address: 10.10.13.219 - Count: 1917  
IP Address: 10.10.13.220 - Count: 31  
IP Address: 10.10.13.222 - Count: 52  
IP Address: 10.10.13.224 - Count: 4  
IP Address: 10.10.13.226 - Count: 92  
IP Address: 10.10.13.227 - Count: 51  
IP Address: 10.10.13.228 - Count: 181  
IP Address: 10.10.13.23 - Count: 1038  
IP Address: 10.10.13.231 - Count: 592  
IP Address: 10.10.13.233 - Count: 284  
IP Address: 10.10.13.237 - Count: 72  
IP Address: 10.10.13.238 - Count: 615  
IP Address: 10.10.13.24 - Count: 990  
IP Address: 10.10.13.240 - Count: 650  
IP Address: 10.10.13.242 - Count: 267  
IP Address: 10.10.13.243 - Count: 4  
IP Address: 10.10.13.244 - Count: 11  
IP Address: 10.10.13.245 - Count: 293  
IP Address: 10.10.13.246 - Count: 1  
IP Address: 10.10.13.247 - Count: 831  
IP Address: 10.10.13.248 - Count: 294  
IP Address: 10.10.13.250 - Count: 11  
IP Address: 10.10.13.252 - Count: 335  
IP Address: 10.10.13.254 - Count: 660  
IP Address: 10.10.13.26 - Count: 1237  
IP Address: 10.10.13.27 - Count: 95  
IP Address: 10.10.13.29 - Count: 1  
IP Address: 10.10.13.3 - Count: 17  
IP Address: 10.10.13.30 - Count: 1644  
IP Address: 10.10.13.31 - Count: 1118  
IP Address: 10.10.13.32 - Count: 200  
IP Address: 10.10.13.33 - Count: 8  
IP Address: 10.10.13.36 - Count: 1173  
IP Address: 10.10.13.37 - Count: 1380  
IP Address: 10.10.13.38 - Count: 343  
IP Address: 10.10.13.39 - Count: 96  
IP Address: 10.10.13.4 - Count: 271  
IP Address: 10.10.13.41 - Count: 575  
IP Address: 10.10.13.42 - Count: 909  
IP Address: 10.10.13.44 - Count: 302  
IP Address: 10.10.13.45 - Count: 97  
IP Address: 10.10.13.47 - Count: 6  
IP Address: 10.10.13.49 - Count: 212  
IP Address: 10.10.13.5 - Count: 203  
IP Address: 10.10.13.51 - Count: 31  
IP Address: 10.10.13.53 - Count: 185  
IP Address: 10.10.13.54 - Count: 1465  
IP Address: 10.10.13.55 - Count: 596  
IP Address: 10.10.13.56 - Count: 1376  
IP Address: 10.10.13.57 - Count: 19  
IP Address: 10.10.13.59 - Count: 20  
IP Address: 10.10.13.61 - Count: 4  
IP Address: 10.10.13.62 - Count: 75  
IP Address: 10.10.13.63 - Count: 932  
IP Address: 10.10.13.64 - Count: 289  
IP Address: 10.10.13.65 - Count: 308  
IP Address: 10.10.13.66 - Count: 88  
IP Address: 10.10.13.67 - Count: 1267  
IP Address: 10.10.13.68 - Count: 529  
IP Address: 10.10.13.69 - Count: 678  
IP Address: 10.10.13.7 - Count: 1175  
IP Address: 10.10.13.71 - Count: 537  
IP Address: 10.10.13.74 - Count: 1  
IP Address: 10.10.13.77 - Count: 125  
IP Address: 10.10.13.78 - Count: 296  
IP Address: 10.10.13.79 - Count: 29  
IP Address: 10.10.13.8 - Count: 45  
IP Address: 10.10.13.81 - Count: 412  
IP Address: 10.10.13.82 - Count: 728  
IP Address: 10.10.13.83 - Count: 547  
IP Address: 10.10.13.84 - Count: 915  
IP Address: 10.10.13.85 - Count: 1585  
IP Address: 10.10.13.86 - Count: 1089  
IP Address: 10.10.13.87 - Count: 1401  
IP Address: 10.10.13.88 - Count: 522  
IP Address: 10.10.13.89 - Count: 16  
IP Address: 10.10.13.9 - Count: 1496  
IP Address: 10.10.13.90 - Count: 45  
IP Address: 10.10.13.91 - Count: 308  
IP Address: 10.10.13.94 - Count: 26  
IP Address: 10.10.13.95 - Count: 290  
IP Address: 10.10.13.96 - Count: 133  
IP Address: 10.10.13.97 - Count: 79  
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IP Address: 10.10.14.112 - Count: 17  
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IP Address: 10.10.14.128 - Count: 5738  
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IP Address: 10.10.14.168 - Count: 2146  
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IP Address: 10.10.14.172 - Count: 52  
IP Address: 10.10.14.173 - Count: 332  
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IP Address: 10.10.14.191 - Count: 221  
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