

# Matlab License Usage Statistics

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# Overview

- 1 Problem Description
- 2 Proposed Solution
- 3 Where are we now?
- 4 What next?

# Problem

## Debug Log

```
22:19:57 (MLM) SERVER-OUT: Failed to send the
    message(71) <END>
22:19:59 (MLM) OUT: "MATLAB" jerome@table61
22:19:59 (MLM) OUT: "Control_Toolbox" jerome@table61
```

## Portal Log

```
"jeromemoses" ,"10.141.200.203" ,"2016-09-20 11:27:55
    am" ,"1474351075"
"anilbagul" ,"10.109.137.11" ,"2016-09-21 18:08:28pm
    " ,"1474461508"
"jaipal" ,"10.177.1.45" ,"2016-09-26 10:59:50am
    " ,"1474867790"
```

# Problem

- FlexNet/MATLAB doesn't allow IP in any logs.
- Browsers prevent querying machine name for security reasons.

Is it possible to show the IP address instead of the computer name in the license manager log file?



Answer by [MathWorks Support Team](#) on 18 Oct 2013

✓ Accepted answer

The ability to record an IP address in the FlexNet license manager debug log file is currently not possible. There are no workarounds at this point.

Figure: Mathworks Support Question <sup>1</sup>

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<sup>1</sup>Source:[http://in.mathworks.com/matlabcentral/answers/92443-is-it-possible-to-show-the-ip-address-instead-of-the-computer-name-in-the-license-manager-log-file?s\\_tid=answers\\_rc1-1\\_p1](http://in.mathworks.com/matlabcentral/answers/92443-is-it-possible-to-show-the-ip-address-instead-of-the-computer-name-in-the-license-manager-log-file?s_tid=answers_rc1-1_p1)

# Proposed Solution

## Debug Log

```
22:19:59 (MLM) OUT: "MATLAB" jerome@table61
```

## 27000 Port Activity Log

22:19:57	10.102.56.108	27000
22:19:59	10.141.200.203	27000
22:19:59	10.141.200.203	27000

## Portal Log

```
"jeromemoses" ," 10.141.200.203" ," 2016-09-20 11:27:55  
am" ," 1474351075"
```

# Proposed Solution

## Debug Log

22:19:59 (MLM) OUT: "MATLAB" jerome@table61



## 27000 Port Activity Log

22:19:57	10.102.56.108	27000
22:19:59	10.141.200.203	27000
<u>22:19:59</u>	10.141.200.203	27000

## Portal Log

"jeromemoses" ," 10.141.200.203" ," 2016-09-20 11:27:55 am" ," 1474351075"

# Proposed Solution

## Debug Log

22:19:59 (MLM) OUT: "MATLAB" jerome@table61

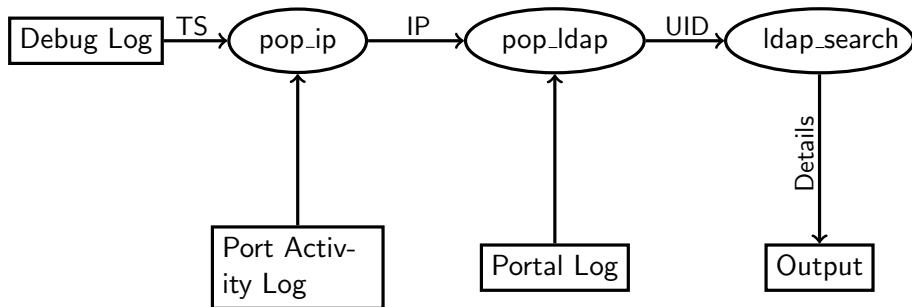
## 27000 Port Activity Log

22:19:57	10.102.56.108	27000
22:19:59	10.141.200.203	27000
<u>22:19:59</u>	<u>10.141.200.203</u>	27000

## Portal Log

"jeromemoses" , "10.141.200.203" , "2016-09-20 11:27:55 am" , "1474351075"

# Where are we now?





# What next?

- Refining port activity log
  - Resolving missing entries
  - Packet header
  - Port lock problem
- Django Interface
  - Unified database
  - Report Generation