

Importer Environment Variable – Overriding default values for Linux Enterprise Manager servers

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Introduction

By default, the number of sub-importer processes spawned by Enterprise Manager will be equal to the number of logical CPUs. If that is not desired, the number can be controlled by setting the '_EM_NUM_IMPORTERS' environment variable. On Windows this should be a system environment variable. Configuration on a Linux Enterprise Manager Server will require settings within the directory files located in:

```
/etc/em_env_vars
```

Problem

An example application for this use would be when there are a low number of servers for ESM to talk to but the ESM machine has a high number of CPU cores.

If you have 10 servers but 4 cores on your ESM machine, it doesn't necessarily make sense to run an importer service on each of the 4 cores.

If you have 100 servers and 4 cores, it may make more sense to allow an importer to run on each core. **Consult with Engineering to optimize values based on Environment, Performance, and database conditions.**

Solution

You can set these environment variable values located in:

```
/etc/em_env_vars
```

This will require a reboot of the EM Server.

**Be aware**

Prior to EM Version 25.1, the file is listed where each environment variable says "**set** <variable_name>=<value>".

Set will not work. replace 'set' with 'export'.

In Example:

For performance reasons, you may need to reduce the EM Importer Count on a Linux Server from 8 to 4.

To set the '_EM_NUM_IMPORTERS' variable, it should look like this in the file:

```
export _EM_NUM_IMPORTERS=4
```

(replace '4' with any desired value).

AFTER 25H1P1 and up, you can set these normally without export option.

In Example:

"set <variable_name>=<value>".