

OpenNebula - Request #4945

Make log output configurable for all services

12/01/2016 09:22 AM - EOLE Team

Status:	Pending	Start date:	12/01/2016
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Pull request:			

Description

Hello,

By default, oned is configured to output its log to a **file** (**/var/log/one/oned.log**) but we can configure it to either **syslog** or **std**.

- We should have an option to disable logging date and time

```
root@one:~# journalctl -u opennebula.service
```

```
[...]
```

```
déc. 01 09:57:18 grichka oned[26906]: Thu Dec 1 09:57:18 2016 [Z0][ONE][I]: Checking database version.
```

- We have some weird combined logs

```
root@one:~# journalctl -u opennebula.service
```

```
[...]
```

```
déc. 01 10:09:42 grichka oned[32533]: Thu Dec 1 10:09:42 2016 [Z0][TrM][I]: Starting Transfer Manager...
```

```
déc. 01 10:09:42 grichka oned[32533]: Thu Dec 1 10:09:42 2016 [Z0][DiM][Thu Dec 1 10:09:42 2016 [ZI]: Starting Dispatch Manager...
```

```
déc. 01 10:09:42 grichka oned[32533]: 0][TrM][I]: Transfer Manager started.
```

```
déc. 01 10:09:42 grichka oned[32533]: Thu Dec 1 10:09:42 2016 Thu Dec 1 10:09:42 2016 [Z[Z0][DiM0][HKM]][I][I]: Starting Hook Manager...
```

```
déc. 01 10:09:42 grichka oned[32533]: ]: Dispatch Manager started.
```

```
déc. 01 10:09:42 grichka oned[32533]: Thu Dec 1 10:09:42 2016 [Z0][HKM][I]Thu Dec 1 10:09:42 2016 [Z]: Hook Manager started.
```

```
déc. 01 10:09:42 grichka oned[32533]: 0][AuM][I]: Starting Auth Manager...
```

```
déc. 01 10:09:42 grichka oned[32533]: Thu Dec 1 10:09:42 2016 [Z0][AuM][I]: Authorization Manager started.
```

- I don't know if drivers integrate with it (**/etc/one/defaultrc**)
- I do not find any configuration instruction for other services (Sunstone, OneFlow, OneGate, Econe)
- systemd **.service** files should define **SyslogIdentifier=** in which case journald send the log to syslog with something more meaningful than **ruby**, for example

```
# /lib/systemd/system/opennebula-sunstone.service
```

```
[Unit]
```

```
Description=OpenNebula Web UI Server
```

```
After=syslog.target
```

```
After=network.target
```

```
After=opennebula.service
```

```
After=opennebula-novnc.service
```

```
BindTo=opennebula-novnc.service
```

[Service]

Type=simple

Group=oneadmin

User=oneadmin

ExecStart=/usr/bin/ruby /usr/lib/one/sunstone/sunstone-server.rb

ExecStartPre=/usr/sbin/logrotate -s /tmp/logrotate.state -f /etc/logrotate.d/opennebula

PIDFile=/var/run/one/sunstone.pid

SyslogIdentifier=opennebula-sunstone

[Install]

WantedBy=multi-user.target

Regards.