

# Failed to switch AppMon 7.0 PHP agent to one agent platform

## Information:

Environment
PHP 7.0+ on Linux AppMon 7.0

Symptoms
Failed switch PHP agent to one agent platform with error message like below:  <b>PHP Startup: dtphpagent (bootstrap failed, see dtagent log for details): Unable to initialize module Module compiled with module API=0</b>

Solution						
<p><b>Solution 1:</b></p> <p>Install AppMon 7.1 agent and start up PHP agent with 7.1 bootstrap agent:</p> <ul style="list-style-type: none"><li>For 64 bit applications:</li></ul> <table border="1"><thead><tr><th>php.ini</th></tr></thead><tbody><tr><td>extension=&lt;agentFolder&gt;/lib64/libdtagent.so</td></tr></tbody></table> <ul style="list-style-type: none"><li>For 32 bit applications:</li></ul> <table border="1"><thead><tr><th>php.ini</th></tr></thead><tbody><tr><td>extension=&lt;agentFolder&gt;/lib/libdtagent.so</td></tr></tbody></table> <p><b>Solution 2:</b></p> <p>Step 1. Download one agent bootstrap file "liboneagentloader" by switching any other agents (Web Server, Java, Node.js, etc) to one agent.</p> <p>Step 2. Manually add the agent name, agent location and collector address to php.ini file as below:</p> <table border="1"><thead><tr><th>php.ini</th></tr></thead><tbody><tr><td>phpagent.server=https://&lt;appmonCollector&gt;:&lt;port&gt;/ phpagent.agentname=&lt;agentname&gt; extension=&lt;agentFolder&gt;/downloads/one/agent/7.0.x/linux-&lt;architecture&gt;/liboneagentloader.so</td></tr></tbody></table>	php.ini	extension=<agentFolder>/lib64/libdtagent.so	php.ini	extension=<agentFolder>/lib/libdtagent.so	php.ini	phpagent.server=https://<appmonCollector>:<port>/ phpagent.agentname=<agentname> extension=<agentFolder>/downloads/one/agent/7.0.x/linux-<architecture>/liboneagentloader.so
php.ini						
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phpagent.server=https://<appmonCollector>:<port>/ phpagent.agentname=<agentname> extension=<agentFolder>/downloads/one/agent/7.0.x/linux-<architecture>/liboneagentloader.so						

Root Cause
A bug in AppMon 7.0 bootstrap agent. Unfortunately bootstrapper is the part of the file system which can not be updated with product updates so fix is only available in AppMon 7.1+.