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PHP: Stop Notice and Variable Warnings in Error Log Files

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Q. I'm using error logging [2] in place of error displaying on production web sites. However, I do not want to see error messages about the use of uninitialized variables. I'd like to see all critical errors, except for notices and coding standards warnings. How do I disable error messages?

[1]

A. PHP provides various levels of error reporting using a bit-field as follows:

[3]

Error Bit	Purpose
E_ALL	All errors and warnings (doesn't include E_STRICT)
E_ERROR	Fatal run-time errors
E_WARNING	Run-time warnings (non-fatal errors)
E_PARSE	Compile-time parse errors
E_NOTICE	Run-time notices (these are warnings which often result from a bug in your code, but it's possible that it was intentional (e.g., using an uninitialized variable and relying on the fact it's automatically initialized to an empty string)
E_STRICT	Run-time notices, enable to have PHP suggest changes to your code which will ensure the best interoperability and forward compatibility of your code.
E_CORE_ERROR	Fatal errors that occur during PHP's initial startup
E_CORE_WARNING	Warnings (non-fatal errors) that occur during PHP's initial startup
E_COMPILE_ERROR	Fatal compile-time errors
E_COMPILE_WARNING	Compile-time warnings (non-fatal errors)
E_USER_ERROR	User-generated error message
E_USER_WARNING	User-generated warning message
E_USER_NOTICE	User-generated notice message

Show only errors

Open /etc/php.ini file

```
# vi /etc/php.ini
```

Set error_reporting as follows:

```
error_reporting = E_COMPILE_ERROR|E_ERROR|E_CORE_ERROR
```

Alternately, you can show all errors, except for notices and coding standards warnings

```
error_reporting = E_ALL & ~E_NOTICE
```

Save and close the file. Restart apache web server [4]:

```
# /etc/init.d/httpd restart
```

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