

	Task Name	Status	Run Time	Duration	Host	Count	Reads/Writes	Result	Settings
Original Code	Handles emailing certificates. \\mod_customcert\task\email_certificate_task	Scheduled	12/03/24, 14:30:26	1 min 51.61 secs	matia-hp	17424	110772 reads 2 writes	Success	⚙️
	Handles emailing certificates. \\mod_customcert\task\email_certificate_task	Scheduled	12/03/24, 14:20:35	9 mins 33.13 secs	matia-hp	22856	129925 reads 2444 writes	Success	⚙️
	Handles emailing certificates. \\mod_customcert\task\email_certificate_task	Scheduled	12/03/24, 13:50:17	29 mins 17.7 secs	matia-hp	26676	186971 reads 8845 writes	Success	⚙️
Modified Code	Handles emailing certificates. \\mod_customcert\task\email_certificate_task	Scheduled	12/03/24, 13:05:55	15.56 secs	matia-hp	48356	8104 reads 1 writes	Success	⚙️
	Handles emailing certificates. \\mod_customcert\task\email_certificate_task	Scheduled	12/03/24, 12:58:56	6 mins 40.6 secs	matia-hp	18688	22231 reads 1175 writes	Success	⚙️
	Handles emailing certificates. \\mod_customcert\task\email_certificate_task	Scheduled	12/03/24, 12:30:02	27 mins 55.43 secs	matia-hp	408	71790 reads 4810 writes	Success	⚙️

Differences between code after and before Modification.

### Test Facts

- **6** Courses
- **600** Enrollments
- **600** Certificates
- **11,174** issued Certificates before the test.
- **5,587** Certificates to be issued during test based on restrictions and permissions.

### Test Comparison

Tasks in	Description	Database	Time	Notes
<b>Red Square</b> <b>Modified Code</b>	<b>Issued 5,587 in 2 runs.</b> Checked all certificates	<b>94,021 Reads</b> <b>5,985 Writes</b>	<b>34.58</b> Minutes	Time is consumed in <b>Generating PDF and sending Email</b>
<b>Blue Square</b> <b>Original Code</b>	<b>Issued 5,587 in 2 runs.</b> Checked all certificates	<b>316,896 Reads</b> <b>11,289 Writes</b>	<b>38:83</b> Minutes	Time is consumed in <b>Generating PDF and sending Email</b>
<b>Green Square</b> <b>Modified Code</b>	<b>Issued 0 in 1 run.</b> Checked All Certificates	<b>8,104 reads.</b> <b>1 write</b>	<b>15.56</b> <b>Seconds</b>	
<b>Orange Square</b> <b>Original Code</b>	Checked All Certificates <b>Issued 0 in 1 run.</b>	<b>110,772 reads.</b> <b>2 write</b>	<b>1.86</b> <b>Minutes</b>	