# EWS 系统运行报告

系统本机连续工作时间：30天

运行状况： 稳定无异常

性能测试

**软件信息**

|  |  |
| --- | --- |
| 软件 | 版本 |
| Apache ab | 2.3 |
| Ubuntu | 16.04 |
| Lua | 5.1.5 |

**测试指标**

* 并发条数：10
* 总请求数：100

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 测试接口 | Fail | Time[seconds] | Min[ms] | Median[ms] | max[ms] |
| \*.html | 0 | 0.026 | 1 | 2.633 | 16 |
| \*.lua | 0 | 0.021 | 1 | 2.054 | 4 |

注：完整压测数据见附件。

**功能测试**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 用户故事 | 功能点 | 验收标准 | 开发自测 | 集成测试 |
| US\_001 | 用户登陆 | 用户可以成功登陆，输入错误的密码会有提示。 | 通过 |  |
| US\_002 | 固件更新页面 | 可以查看固件本地版本，可以更新版本，更新会有进度展示，成功后比对版本信息确定是否升级成功。 | 通过 |  |
| US\_003 | 打印头状态 | 可以查看打印头状态，修改后台数据会更改展示。 | 通过 |  |
| US\_004 | 墨量展示 | 查看墨量展示的状态，修改后台后数据会更改展示。 | 通过 |  |
| US\_005 | 查看bonjour 信息 | 可以查看bonjour信息，点击设置可以打开关闭air print。修改bonjour 保存后重新展示最新数据。 | 通过 |  |
| US\_006 | 证书设置 | 查看当前证书的信息。 | 通过 |  |
| US\_007 | 创建自签名证书和证书请求 | 可以成功创建自签名证书且可以成功下载。创建证书请求可以成功创建证书请求文件并下载。 | 通过 |  |
| US\_008 | 安装证书、安装证书及私钥 | 安装证书和安装证书私钥可以成功上传证书和私钥，如证书私钥不匹配会提示。 | 通过 |  |
| US\_009 | 用户管理 | 对用户可以新增和删除（包含批量删除）。 | 通过 |  |
| US\_010 | 修改系统密码 | 修改系统密码，密码未正确输入会给出提示。 | 通过 |  |
| US\_011 | mac pro、iphone x、mac air 兼容性 | 在如上系统的safari 成功展示 | 通过 |  |

附件1：

**请求页面原始报告：**

Server Software:

Server Hostname: 192.168.203.149

Server Port: 80

Document Path: /index.html

Concurrency Level: 10

Time taken for tests: 0.026 seconds

Complete requests: 100

Failed requests: 0

Non-2xx responses: 100

Total transferred: 10000 bytes

Requests per second: 3798.09 [#/sec] (mean)

Time per request: 2.633 [ms] (mean)

Time per request: 0.263 [ms] (mean, across all concurrent requests)

Transfer rate: 370.91 [Kbytes/sec] received

Connection Times (ms)

min mean[+/-sd] median max

Connect: 0 1 0.6 0 3

Processing: 0 2 3.8 0 14

Waiting: 0 1 2.7 0 9

Total: 1 2 4.1 1 16

WARNING: The median and mean for the initial connection time are not within a normal deviation

These results are probably not that reliable.

Percentage of the requests served within a certain time (ms)

50% 1

66% 1

75% 2

80% 2

90% 12

95% 15

98% 16

99% 16

100% 16 (longest request)

附件2：

**请求接口原始报告：**

Benchmarking 192.168.203.149 (be patient).....done

Server Software:

Server Hostname: 192.168.203.149

Server Port: 80

Document Path: /cgi-bin/query\_system.lua

Concurrency Level: 10

Time taken for tests: 0.021 seconds

Complete requests: 100

Failed requests: 0

Non-2xx responses: 100

Total transferred: 11400 bytes

HTML transferred: 0 bytes

Requests per second: 4867.60 [#/sec] (mean)

Time per request: 2.054 [ms] (mean)

Time per request: 0.205 [ms] (mean, across all concurrent requests)

Transfer rate: 541.90 [Kbytes/sec] received

Connection Times (ms)

min mean[+/-sd] median max

Connect: 0 1 1.0 0 3

Processing: 0 1 0.9 0 3

Waiting: 0 0 0.6 0 2

Total: 0 2 1.1 3 4

WARNING: The median and mean for the initial connection time are not within a normal deviation

These results are probably not that reliable.

WARNING: The median and mean for the processing time are not within a normal deviation

These results are probably not that reliable.

Percentage of the requests served within a certain time (ms)

50% 3

66% 3

75% 3

80% 3

90% 3

95% 3

98% 4

99% 4

100% 4 (longest request)