



iConnect Lab Web Portal v8 Post Deployment Checkpoints

Lab Web Portal (LWP) Suite of components can be checked by manual or automated tools to determine release success by looking at a few key checkpoints. Using the following steps and a pseudo domain of qc1.labwebportal.com, this document will attempt to walk through the checkpoints and provide detail about each step. Note that in this example that each component is located on the same pseudo domain.

LWP.Core

1. Check for the build number by calling the API:
 - a. [https://qc1.labwebportal.com/\[clientCode\]/api](https://qc1.labwebportal.com/[clientCode]/api)
 - i. `["LWP webAPI Version","8.0.0.411"]`
 - b. If the LWP self check fails, the JSON value will not be present and an error will be logged in the corresponding log folder on the deployment drive.
 - i. `C:\inetpub\wwwroot\lwpv8.core.[clientCode]\logs`

LWP.Web

2. Check for the website rendering ability by calling the website directly:
 - a. [https://qc1.labwebportal.com/\[clientCode\]](https://qc1.labwebportal.com/[clientCode])
 - i. The site should respond with a login screen if connectivity to the backend LWP.Core component was found.

- ii. The site should respond with an on-maintenance notification screen if connectivity to the backend LWP.Core component was not found or is down.
- 3. Check the config.js file and ensure it emits properly with the core location. This can be used to troubleshoot “on-maintenance” renders of the front end and double check it was configured correctly.
 - a. [https://qc1.labwebportal.com/\[clientcode\]/config.js](https://qc1.labwebportal.com/[clientcode]/config.js)
 - i. The response should be a javascript code file with an apiRoot variable set at the end of the code pointing to the LWP.Core location.
 - ii. `{t.apiRoot="https://qc1.labwebportal.com/[clientCode]/api"}`

LWP.Sync

- 4. Check to ensure the LWP.Sync service is running on the LWP.Sync server. If there are multiple clients, there will be multiple LWP.Sync processes running.
 - a. By looking at task manager:

 LWP.SyncService.exe	26244	Running	SYSTEM	00	59,664 K	LWP.Sync Service
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- b. Or by inspecting a powershell command:

- i. `(Get-Process -Name LWP.SyncService).path`

LWP.Core.Extensions

- 5. Check the email module connectivity by sending a test email from the extensions module:
 - a. [https://qc1.labwebportal.com/ext/api/email/sendtest/\[email@ddress\]](https://qc1.labwebportal.com/ext/api/email/sendtest/[email@ddress])
 - i. `["sent test message","success"]`
 - b. If the email module fails to send, the JSON output will contain the error message for debug purposes.

6. Check the PDF module generation capability by requesting the engine to render a pre-loaded sample:
 - a. <https://qc1.labwebportal.com/ext/api/pdf/download>
 - b. If the PDF engine is working properly, you will be presented with a sample file PDF containing an example PDF rendering.
 - c. If the PDF engine fails, the return JSON will contain the error message for debug purposes.