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|  | **FS – CIO**  **Release Notice**  **(6610-1)** | |  |
| September 9, 2024 | **FS CIO** | | RN-2021-02 |
| **Subject:** | | LCMS Viewer | |
| **Purpose:** | | Publish the LCMS viewer site to <https://apps.fs.usda.gov/lcms-viewer/> | |
| **Support Contact:** | | Andrew Weis ([andrew.weis@usda.gov](mailto:andrew.weis@usda.gov)) (256) 698-2454 | |
| **Application Sponsor:** | | Kevin Megown | |
| **OS Level:** | | Windows Server 2019 | |
| **Mandatory:** | | yes | |
| **Required System Reboot:** | | no | |
| **Service Interruption:** | | No interruption | |
| **Affected Server Types:** | | IIS 8 | |
| **Server Team Implementing Update:** | | DCS Windows Team | |
| **Expected Completion Date:** | | Monday, September 23, 2024 | |
| **Environment:** | | VDC Windows Server 2019 | |
| **SBR #:** | | Enter the Statement of Business Requirements number (if applicable) for this release. | |
| **CR #:** | | Number of the Change Request for this release. | |
| **CR Type:** | | Update | |
| **If there are any problems installing this release, please contact the following people:** | | Andrew Weis ([andrew.weis@usda.gov](mailto:andrew.weis@usda.gov)) (256) 698-2454 | |
| **General Overview** | | | |
| Release of the LCMS viewer 1.0.497 static html site to the production url (<http://fsxrndx0249.edc.ds1.usda.gov/lcms-viewer>). This is an update to the previous version, which includes bug fixes, code vulnerability updates, updates to existing viewers and additional viewer (HiForm BMP) | | | |
| **Prerequisites** | | | |
| 1. IIS installed 2. IIS is configured to display the site through <http://fsxrndx0247.edc.ds1.usda.gov/lcms-viewer> (dev), <http://fsxrndx0248.edc.ds1.usda.gov/lcms-viewer> (test), <http://fsxrndx0249.edc.ds1.usda.gov/lcms-viewer> (production) 3. 150MB of free space | | | |

**Source Code Repository**

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| **Source Control Location(s)** | **tag** |
| https://code.fs.usda.gov/forest-service/landscape-change-data-explorer | github |

**Definitive Media Library Information**

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| **Package Location(s)** |
| <https://artifactory.fdc.fs.usda.gov/artifactory/application-release-local/gov/usda/fs/busops/GTAC/lcms-viewer/lcms-viewer.1.0.497.zip> |

**SECTION I: Install Instructions**

The FS-CIO is currently automating much of its provisioning and installation procedures thru the use of DevOps processes and tools. For information regarding if your application can leverage this approach, please see your CIO Technical Account Manager (TAM) or Project Manager. The DevOps teams are led by Zahid Chaudhry, Branch Chief CIO-Enterprise Application Development and Randall Stone, Branch Chief CIO-Data Center Services.

Manual installation

1. Create a backup
   1. If a folder E:\inetpub\wwwroot\lcms-viewer-bak already exists, delete it
   2. Rename folder E:\inetpub\wwwroot\lcms-viewer to lcms-viewer-bak
2. Download the new source code
   1. Create a new empty folder E:\inetpub\wwwroot\lcms-viewer
   2. Open Windows Powershell ISE
   3. Ctrl-N to open a new script editor
   4. Copy and paste the following code into that editor:   
      **$url = "https://artifactory.fdc.fs.usda.gov/artifactory/application-release-local/gov/usda/fs/busops/GTAC/lcms-viewer/lcms-viewer.1.0.497.zip"**

**$output = "E:\inetpub\wwwroot\lcms-viewer.1.0.497.zip"**

**$start\_time = Get-Date**

**Import-Module BitsTransfer**

**Start-BitsTransfer -Source $url -Destination $output**

**Write-Output "Time taken: $((Get-Date).Subtract($start\_time).Seconds) second(s)**

* 1. Hit F5 to run and this will download a zip file to E:\inetpub\wwwroot\

1. Extract the zip file to E:\inetpub\wwwroot\lcms-viewer\

**SECTION II: Tivoli Install Instructions**

Manual Installation - **not applicable**

**SECTION III: Validation Steps**

Do one of the following depending on which server you are on:

**Dev**: Open a browser, put <http://fsxrndx0247.edc.ds1.usda.gov/lcms-viewer> in the address and see if the site comes up.

**Test**: Open a browser, put http://fsxrndx0248.edc.ds1.usda.gov/lcms-viewer in the address and see if the site comes up.

**Production**: Open a browser, put http://fsxrndx0249.edc.ds1.usda.gov/lcms-viewer in the address and see if the site comes up.

**SECTION IV: Backout Instructions**

1. Delete the folder E:\inetpub\wwwroot\lcms-viewer
2. Rename the folder E:\inetpub\lcms-viewer-bak to E:\inetpub\wwwroot\lcms-viewer