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ERDAS APOLLO Core 2020 Update 3
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Date released: 2021-01-11
Patch version: 16.6.0.1311

Contents
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- ERDAS APOLLO Core 2020 Update 3 Installer

NOTICE!

- * ERDAS APOLLO Advantage / Professional customers should deploy the related Update 3 release to ensure the full server is updated.
- * This patch on Windows is cumulative and provides all updates between the 2020 initial release.
- * This installer on Linux is a full installer.

The ERDAS APOLLO 2020 Update 3 can be applied to an original ERDAS APOLLO 2020 installation or on any subsequent Update patch.

Installation instructions
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Windows

1. With ERDAS APOLLO Core 2020 release installed, execute the Patch installer (do not un-install current version).
2. The Patch will update all required files and restart the server.
3. For customers using the optional SDI Components, you must run the configuration wizard again to update these components.
4. Confirm the Server reports 16.6.0.1311 in the startup log or on the Administration Console.

Linux

1. Uninstall previous versions of ERDAS APOLLO Core 2020 following the instructions in the APOLLO Core User Guide.
2. Extract the downloaded installer, change the file to be executable, and run the installer.
3. Confirm the Server reports 16.6.0.1311 in the startup log or on the Administration Console.

APOLLO Core issues resolved

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2020 Update 1

New Features

- [IW-6565] Direct Render to high bit depth TIFF for WMS and WMTS
- [IW-5082] Manually updated watch folders

Customer Escalations

- [IW-6552] JP2000 image color change after applying transparent color
- [IW-6477] Configuring SDI WMTS/Inspire won't facade ServiceMetadataURL in Capabilities
- [IW-6631] PNG output has worse quality when compared to 2016
- [IW-6552] JP2000 image color change after applying transparent color

General Bug Fixes

- [IW-6344] Disable SMSDK logging unless the Apollo Core log level is set to debug
- [IW-6329] iwsFilter crash when serving .ntf outside of APOLLO
- [IW-5919] AWS secretkey should not appear in logs
- [IW-6609] Server fails to read the NODATA values from NITF aux file
- [IW-6607] Scaling issue with JP2 with Opacity band when rescaling 8bit to 16bit
- [IW-6606] IMG format with nodata produces zero values when projected in EPSG:4326
- [IW-6603] Crash when rendering USDA AFPO TIF files
- [IW-6597] URL '*' crashes the ISAPI filter
- [IW-6591] ECW v2 with opacity via ECWP may display corrupted alpha bands
- [IW-6588] ECWP dataset with removed file will cause server to crash
- [IW-6584] Apollo Core crashes on large image width/height request
- [IW-6582] Error messages don't XML escape some parameters
- [IW-6555] Missing requirements when SDI is installed (WCF-Http-Activation45)
- [IW-6549] Adding a new style on a dataset will fail to facade legendurl under SDI WMTS Inspire Service
- [IW-6523] Database upgrader has issues with MSSQLSERVER and long file paths
- [IW-6647] Crash at exit of DBUpgrader
- [IW-6644] Server fails to add a certain types of NITF dataset

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[IW-6699] Server crashes on aerial2x4epje13.j2c.jp2 when requested using ECWP on Linux
[IW-5919] AWS secret key should not appear in logs
[IW-6306] GDALCacheMaxMB does not appear to be working
[IW-6695] Poor performance with large amount of Geopackage files
[IW-6716] Problem with virtual mosaic tiles on boundary of source images
[IW-6732] Manual watch folders are broken for sub-folders
[IW-5839] Update Apollo Core to support ESRI GeoServices protocol version 10.8 for raster datasets
[IW-6684] Files related to CSM are left behind after uninstall of Apollo Core
[IW-6717] Custom headers are not forwarded to Auth Server with Apollo Core advanced security enabled
[IW-6730] ImageX request crashes server while setting alpha factor for output image
[IW-6731] Blank image generated when Render to full bit depth output selected
[IW-6733] HTML Display of Geoservices link is broken
[IW-6751] Linux dependencies missing CentOS/RHEL 8+ (newly supported platform)
[IW-6712] Upgrade to the latest SMSDK and CPLSDK
[IW-6752] Upgrade to the latest SDI Portal components
[IW-6741] "set-cookie" header in the wrong place
[IW-6764] Regression in hillshade style output between 2020 and 2020u1
[IW-6479, IW-6505, IW-6556, IW-6604, IW-6727] New CORS configuration options added to configuration wizard/scripts. Multiple enhancements to default CORS configuration.

2020 Update 3

New Features

[IW-6786, IW-6905] Add support for the following headers: [COOP, COEP, CORP]
[IW-6885] Add JSON output support to WMS (1.3.0) GetFeatureInfo
[IW-6810] Add option to disable CORS from ConfigurationWizard

General Bug Fixes

[IW-6763] Rebuild gdal 2.3 HDF 5 driver with thread safety turned on
[IW-6843] Potential crash requesting WMS capabilities at server start up
[IW-6704] Large JPEG2000 files could display corrupt image tiles in some areas of the image
[IW-6868] WMS GetFeatureInfo does not support more than 1 layer in request
[IW-6881] WMS CRS list will now be advertised at the service Layer level to address incompatibility with Eri ArcGIS JS API
[IW-6888] Crash on Linux with ECWP with Authentication