

# ArcGIS Management Compatibility Matrix

Turn into a decision matrix or decision workflow

## Windows OS:

- 10.6.x
  - S3
    - Raster Proxy
      - Accessing HDF and NetCDF from S3 via Raster Proxy is NOT supported
- 10.7.1:
  - S3:
    - Raster Proxy
      - Accessing HDF and NetCDF from S3 via Raster Proxy is supported
  - Disk Storage
    - Raster Proxy
      - Accessing HDF and NetCDF from disk storage via Raster Proxy is supported
    - Direct
      - Accessing HDF and NetCDF from disk storage directly in MDCS is supported
  - Raster Proxies embedded in Tables supported
- 10.8:
  - S3:
    - ACS (Cloud Connection File)
      - Accessing HDF and NetCDF from S3 is supported.


## Linux OS:

- 10.7.1
  - Raster Proxies embedded in Tables NOT supported
    - Add note about Patch to get this working, upload patch and link to it.
- 10.8:
  - S3:
    - ACS (Cloud Connection File)
      - Accessing HDF and NetCDF from S3 is supported.

Abhijit: "Ideally you should be able to create raster proxies for all formats except CRF as you don't need a raster proxy."

## Add Raster to Mosaic Decision Matrix

Source File	Location	Access	Mosaic Input Raster Type	Supported	Example
NETCDF	S3	Directly	Table	ArcPro 2.4+ (Windows)	Raster NETCDF:"vsicurl/https://sdt-data.s3.amazonaws.com/power_801_daily_t2mdew_lst.nc":T2MDEW:1

NETCDF	S3	Raster Proxy (Embedded)	Table	??	<p>Below is the sample Raster proxy, note in this case there are no pyramids also we need to take care of precision, currently default is 0.01</p> <pre> &lt;MRF_META&gt;    &lt;CachedSource&gt;      &lt;Source&gt;NETCDF:"/vsicurl/https://sdt-data.s3.amazonaws.com/power_801_daily_t2mdew_lst.nc":T2MDEW:1&lt;/Source&gt;    &lt;/CachedSource&gt;    &lt;Raster&gt;      &lt;Size x="720" y="360" c="1" /&gt;      &lt;PageSize x="512" y="512" c="1" /&gt;      &lt;Compression&gt;LERC&lt;/Compression&gt;      &lt;DataValues NoData="-999" /&gt;      &lt;DataType&gt;Float64&lt;/DataType&gt;      &lt;DataFile&gt;z:\mrfcache\temp\sdas_085AC902A550160C9AB3BA06969E9A3D.mrf_cache&lt;      &lt;IndexFile&gt;z:\mrfcache\temp\sdas_085AC902A550160C9AB3BA06969E9A3D.mrf_cache&lt;    &lt;/Raster&gt;    &lt;GeoTags&gt;      &lt;BoundingBox minx="-180.000000" miny="-90.000000" maxx="180.000000" maxy="90.000000" /&gt;    &lt;/GeoTags&gt;    &lt;Options/&gt;  &lt;/MRF_META&gt;  vsis3/ will also work (e.g., NETCDF:"/vsis3/mop03tm-008/MOP03TM-201901_202001-L3V95.6.1.beta.nc4":co_day:1":co_day:1). </pre>
NETCDF	S3	ACS	NETCDF	ArcPro 2.5.1 (Windows)	This is the most convenient way of publishing ImageService because you don't have to build Multidimensional information, etc.
HDF	S3	Raster Proxy (Embedded)	Table	No	<div>  <span>ARCGIS-114 - Jira project doesn't exist or you don't have permission to view it.</span> </div>