

WES-2 Bridge Localization Transfer Step by Step Instructions

The following guide contains a set of step by step instructions on transferring your site's live localization to the WES-2 Bridge workstation's central localization store. After completing these steps, you should be able to create a WES-2 Bridge case using your site's localization. You should complete these steps prior to creating a case from a locally-archived case.

This guide includes two sets of steps: (1) for WFOs and (2) for RFCs and National Centers. This is because there are infrastructure differences between these sites.

While these steps copy over the localization for the site, additional steps are needed to copy over local maps that are important for situational awareness, FFMP calculations, as well as WarnGen templates. A guide on copying local maps for use on the WES-2 Bridge workstation can be found on the WES-2 Bridge documentation folder, as well as on the WDTD webpage located at:

<http://www.wdtd.noaa.gov/tools/wes2/documentation/LocalMaps.pdf>

Note: When using a localization, the WES-2 Bridge software will perform checks on the "site" and "configured" folders in the localization to ensure local radar menus are available. The "base" folder in the localization is AWIPS version dependent and errors will occur if the "base" folder is transferred from the live AWIPS localization. This is a potential problem so long as the AWIPS-2 software build in WES-2 Bridge is significantly behind the operational AWIPS-2 Build.

The WES-2 Bridge software checks the following localization files to determine if the localization is valid:

`/awips2/edex/data/utility/cave_static/configured/XXX/menus/radar/index.xml`

`/awips2/edex/data/utility/common_static/site/XXX/radar/radarsInUse.txt`

Where "XXX" is the site identifier. If either the "index.xml" or "radarsInUse.txt" file is not present or incorrect, the WES-2 Bridge software will warn the user that the localization is not valid.

For WFO sites

1. Using a terminal window on your wes2 workstation, change directories to the archived localization from the 7 day rollover.

```
cd /data/archiver/7dayRollover/Day/yyyymmdd/localization/awips2/edex/data/utility
```

Where “**Day**” is the day you choose to copy from (Mon, Tue, etc.) and “**yyyymmdd**” is the associated date for the day selected (eg. 2016Jan02).

2. Copy the localization using the following commands to copy site and configured directories from cave_static, common_static, and edex_static:

```
cp -R cave_static/site/XXX  
/awips2/edex/data/utility/cave_static/site
```

```
cp -R cave_static/configured/XXX  
/awips2/edex/data/utility/cave_static/configured
```

```
rsync -av common_static/site/XXX  
/awips2/edex/data/utility/common_static/site --exclude=stats
```

```
cp -R common_static/configured/XXX  
/awips2/edex/data/utility/common_static/configured
```

```
rsync -av edex_static/site/XXX /awips2/edex/data/utility/edex_static/site  
--exclude=vtec/backup --exclude=shapefiles
```

```
cp -R edex_static/configured/XXX  
/awips2/edex/data/utility/edex_static/configured
```

Where “XXX” is your site identifier.

3 (Optional). You also have the option to copy over the user specific customizations as well using the following commands:

```
cp -R cave_static/user/* /awips2/edex/data/utility/cave_static/user
```

```
cp -R common_static/user/* /awips2/edex/data/utility/common_static/user
```

For NCEP/RFC sites

1. Using a terminal window, log into any of your site's dx machines.

```
ssh dx1
```

2. Change directories to the site's localization tree.

```
cd /awips2/edex/data/utility
```

3. Run the following commands:

```
rsync -r cave_static/site/XXX  
username@wes2:/awips2/edex/data/utility/cave_static/site
```

```
rsync -r cave_static/configured/XXX  
username@wes2:/awips2/edex/data/utility/cave_static/configured
```

```
rsync -r common_static/site/XXX  
username@wes2:/awips2/edex/data/utility/common_static/site --exclude=stats
```

```
rsync -r common_static/configured/XXX  
username@wes2:/awips2/edex/data/utility/common_static/configured
```

```
rsync -r edex_static/site/XXX  
username@wes2:/awips2/edex/data/utility/edex_static/site  
--exclude=vtec/backup --exclude=shapefiles
```

```
rsync -r edex_static/configured/XXX  
username@wes2:/awips2/edex/data/utility/edex_static/configured
```

Where "XXX" is your site identifier and "username" is your username on the wes2 workstation. You are required to enter in your "username" password for the wes2 workstation to complete each rsync command.

4 (Optional). You also have the option to copy over the user specific customizations as well using the following commands:

```
rsync -r cave_static/user/*  
username@wes2:/awips2/edex/data/utility/cave_static/user
```

```
rsync -r common_static/user/*  
username@wes2:/awips2/edex/data/utility/common_static/user
```

Where "username" is your username on the wes2 workstation. You are required to enter in your "username" password for the wes2 workstation to complete each rsync command.

If you have any questions, please contact either Alexander Zwink (Alexander.Zwink@noaa.gov) or Dale Morris (Dale.A.Morris@noaa.gov) at WDTD.