# Tools

### WinSCP

* View folder structure and contents
* Open and edit configuration files
* Delete, rename, copy files and folders

### Putty

Execute commands to

* Start and stop servlets
* Find running servlets and kill if necessary
* Other special

# Folder structure on servers

### Top-level OrgSite configuration on an app server, to find out what's deployed on that server:

/opt/active/sites/

| jettytest07 (org)

| ActiveNetServlet

| config (symlink to  
 /opt/active/ActiveNet/dev/orgsite/version/server/ActiveNetServlet/logs)

| jetty (symlink to

/opt/active/ActiveNet/dev/share/version/ActiveNetServlet/jetty)

| lib (symlink to

/opt/active/ActiveNet/dev/share/version/ActiveNetServlet/lib)

| logs (symlink to  
 /opt/active/ActiveNet/dev/orgsite/version/server/ActiveNetServlet/config)

### Top-level folder for all ActiveNet stuff on the app server:

/opt/active/ActiveNet

| dev (environment)

| jettytest07 (orgsite -- one folder per orgsite deployed in environment)

| share (single location for build images by version)

| stage (other environments)

| perf

### Version master in share -- not orgsite-specific (jetty and lib directories):

/opt/active/ActiveNet/dev/share/

| V16.20.0.0.43

| ActiveNetServlet

| jetty (jetty.home, based on webapps child)

| servlet (becomes war root, by context.xml) contains html

| flex

| images

| jquery

| jettytest07

(for each orgsite deployed to version, a symlink to the parent servlet folder)

| Sounds

| web-inf

| web.xml

| webapps (monitored for context.xml based on monitoredDirName in jetty.xml in config)

| context.xml

| lib (lots of jars)

### orgsite/version configuration (config and logs directories):

/opt/active/ActiveNet/dev/jettytest07

| dev (environment)

| jettytest07 (orgsite)

| V16.20.0.0.043 (version)

| Anetintapp03.dev.activenetwork.com

| ActiveNetServlet

| config

| jetty.xml

| sdi.ini

| service.properties

| start\_service.sh

| stop\_service.sh

| logs

# Symlink in the version share jetty/servlet folder

## For images, jquery, etc.

Above you’ll see that in the share folder at:

/opt/active/ActiveNet/dev/share/V16.21.0.0.027/ActiveNetServlet/jetty/servlet

For each org (e.g., jettytest07) there is a symlink

/opt/active/ActiveNet/dev/share/V16.21.0.0.027/ActiveNetServlet/jetty/servlet/jettytest07

Which points back to the folder

/opt/active/ActiveNet/dev/share/V16.21.0.0.027/ActiveNetServlet/jetty/servlet

Here's the background: If we have a standard external reference like this:

https://activenetdev0.active.com/jettytest07/servlet/processAdminLogin.sdi

For requests for static resources like images and javascript files to get through the F5 to the right server/port, it is essential that the sitename be in the URL, like this:

https://activenetdev0.active.com/jettytest07/images/redstar.gif

In a ST servlet, the context path would be /jettytest07, so only /images would be added onto the war path:

/opt/active/ActiveNet/dev/share/V16.20.0.0.043/ActiveNetServlet/jetty/servlet/images

which is where the images are.

For a MT servlet, to allow requests for multiple orgs through, the context path must be /, so the sdi.ini says:

images=/%org\_site\_name%/images

As a result, /jettytest07/images is added to the war path, resolving as:

/opt/active/ActiveNet/dev/share/V16.20.0.0.043/ActiveNetServlet/jetty/servlet/jettytest07/images

The symlink above essentially throws away the orgsitename, converting this reference back into the right path to reach the data

/opt/active/ActiveNet/dev/share/V16.20.0.0.043/ActiveNetServlet/jetty/servlet/images

# Linux commands

### Putty cut and paste

* Copy: left-click and drag to mark section of text and release. Release button and selected region is copied to clipboard.
* Paste: right-click anywhere and clipboard is pasted.

### Start and stop servlets

From the config folder.

cd /opt/active/ActiveNet/dev/jettytest07/V16.20.0.0.076/Anetintapp03.dev.activenetwork.com/ActiveNetServlet/config

Start and stop service (note that start internally does a stop, so generally stop is not necessary)

./stop\_service.sh

./start\_service.sh

### Create symlink

Here is an example actually used by the deployer to create a symlink from a link in a version directory to the same directory:

cd /opt/active/ActiveNet/dev/share/V16.20.0.0.065/ActiveNetServlet/jetty/servlet

ln -s /opt/active/ActiveNet/dev/share/V16.20.0.0.065/ActiveNetServlet/jetty/servlet jettytest07

### Identify and running servlets

Lists among another data the process ID and the command; from the command line it’s possible to determine which process is running the servlet for a given orgsite.

ps aux

Kill a process

Kill <pid>