1. CWsSMCEx::onGetThorQueueAvailability()

StringArray thorNames, groupNames, targetNames, queueNames;

getEnvironmentThorClusterNames(thorNames, groupNames, targetNames, queueNames);

//For thor clusters in each target cluster, get

thorName: @process, ex. mythor

groupName: @nodeGroup in ThorCluster or thorName

targetName: we have it now

queueName: we have it now

Both thorName and groupName not needed for this method.

[**wangkx:container\_wssmc\_GetThorQueueAvailability**](https://github.com/wangkx/HPCC-Platform/tree/container_wssmc_GetThorQueueAvailability)

1. CWsSMCEx::onBrowseResources

ESP server OS, download path

[**wangkx:container\_wssmc\_GetThorQueueAvailability**](https://github.com/wangkx/HPCC-Platform/tree/container_wssmc_GetThorQueueAvailability)

1. CWsSMCEx::onRoxieControlCmd()

[**wangkx:container\_roxie\_endpoints**](https://github.com/wangkx/HPCC-Platform/tree/container_wssmc_GetThorQueueAvailability)

1. WsSMC code

Dfuserver related code?

1. CWsWorkunitsSoapBindingEx::onGetForm()

It seems the code only needed for legacy ECLWatch.

Need target cluster name, ThorProcesses (the name of the thor cluster inside a targetCluster)

1. WsWUHelpers.cpp

WsWuInfo::getClusterInfo()

Cluster type

[**wangkx:container\_wswuinfo\_Get**](https://github.com/wangkx/HPCC-Platform/tree/container_wssmc_GetThorQueueAvailability)**ClusterInfo**

1. WsWUHelpers.cpp

getSashaNode(): get sasha IP from env xml

CWsWuFileHelper::createThorSlaveLogfile() and WsWuInfo::getWorkunitThorLogInfo()

Call getTargetClusterInfo() for get number of thor slaves

1. WsWUQuerySets.cpp

Roxie control commands

[**wangkx:container\_roxie\_endpoints**](https://github.com/wangkx/HPCC-Platform/tree/container_wssmc_GetThorQueueAvailability)

1. WsWUQuerySets.cpp

isRoxieProcess() called by copyWULogicalFIle() (onWUCopyLogicalFIles()) which needs cluster processes

In QueryFileCopier, we use target name as cluster process name. Should we do the same here (and in other cluster process locations below)?

QueryFilesInUse::loadTarget() needs cluster processes

QueryFilesInUse:: updateUsers(): LdapUser/password

getQueryFiles() needs cluster processes

onWUCopyQuerySet() (cloneFiles) needs cluster processes

onWUQuerySetImport() (cloneFiles) needs cluster processes

1. WsWUQuerySets.cpp

CWsWorkunitsEx::getWUQueryDetails()

Find out WsEclAddresses with port from env xml?

Check other WsWU files

1. CWsDfuEx::getQueryFile()

Call getTargetClusterInfo() to get roxie process name

1. CWsDfuXRefEx::onDFUXRefList()

ThorProcess and RoxieProcess

1. CWsFileIOEx::CheckServerAccess()

DropZone info

1. CWsPackageProcessEx::onGetPackageMapSelectOptions()

Cluster name, type, processNames

1. CFileSpraySoapBindingEx::createPTreeForXslt()

Group names

1. Ws\_FsService.cpp:

Many calls

1. Target Cluster list displayed in many ECLWatch pages (**HPCC-24840**)  
   Currently, the information is read from environment.xml through Dali. **On cloud, can ESP still get the information from Dali? Could Target Clusters be added On Demand?**  **I am not sure where ESP would get this information in the cloud environment. Also, if clusters are being created at will the U/I will have to watch & render for these so that the controls are not stale.**
2. Thor slave nodes and roxie nodes displayed in Operation - Cluster processes page (**HPCC-24840**)  
   Similar to Target Cluster list ​**The Clusters processes page as well as any topology will be dropped for the cloud environment version of ECL Watch. It will remain in the bare metal version. We will add something that is provided by Helm or another solution that is cloud friendly.**
3. HPCC Servers displayed in Operation - Server page (**HPCC-24840**)  
   Similar to Target Cluster list. **ECLCC on Demand? ESPs and ESP Services On Demand? Dropzones? Other servers? The System Servers page would also be replaced by something cloud friendly.**
4. Groups for file spray, copy, etc **We would rely on ESP getting these groups list for us.** Currently, the information is read from Dali. **On cloud, can ESP still get the information from Dali? Could the groups be added On Demand?**
5. Component configuration pages in Operation section (**HPCC-24840**)  
   The existing code displays the XMLs by reading component's configuration files. **How can ESP get the configurations for each component or ECLWatch just not display the configuration? How will we handle configurations in the cloud? Will there be an ESP service to get this dynamically via the cloud? Is it based on something that Kubernetes can echo out?**
6. Component log pages in Operation section (**HPCC-24840**)  
   **How does ESP know the locations of those log files? How about the log files for On Demand components? Same as above?**
7. **Any changes for WU's log file?** The existing code displays the logs by reading the files based on the file locations in WU's XML. **This is a question for you and Rodrigo/Gavin perhaps? We are going to make an ESP request to get said information for log display.**
8. **How about Activity page? Leave the section empty or embed some existing Azure page? I think Gordon had some thoughts on this since.** (**HPCC-24837**)
9. **How about DiskUsage pages? Leave the section empty or embed some existing Azure page? Would have to check but I am sure we can get information from Azure VM  APIs (if we wanted to get fancy) and display there, or rather there is something already built in that we can simply embed.** (**HPCC-24838**)
10. **Any more changes due to new security? Security will be handled via the cloud U/I by admins / cloud admins.**