



Best practices

Repurposing hosts using Symphony MultiCluster

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Repurposing hosts using Symphony MultiCluster

By using the SMC repurpose feature, resources can be transferred between different clusters; for example, resources can be transferred from an idle cluster to a busy cluster, and even transferred periodically automatically.

Tips for quick setup

1. Install and start an SMC master.
2. Join and authorize some clusters into an SMC cluster by configuring SMC_MASTER_LIST and SMC_KD_PORT in smcp.xml, and then starting the SMCP service.
3. In the \$EGO_TOP/smc/RepurposingRepository folder on the SMC master, add new folders and make sure the folder name is the same as the silo cluster's name.
4. In the silo cluster folder, you need at least 3 files to do repurposing:
 - a) ego.conf of this silo cluster. (If all of the compute hosts are 32-bit and 64-bit in a Windows silo cluster, annotate the line: EGO_LOCAL_RESOURCES="[type NTX64]")
 - b) moveout script. (On Windows, the file name is moveout.bat, and on Linux, the file name is moveout.in; this script is supported by the customer.)
 - c) movein script. (On Windows, the file name is movein.bat, and on Linux, the file name is movein.in; this script is supported by the customer.)
5. Go to SMC PMC or use command "smcadmin request create" to move one or more hosts from one silo cluster to another silo cluster.

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