

How to setup SHIR services with customized account

Last updated by | Veena Pachauri | Mar 8, 2023 at 11:10 PM PST

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Issue

Customer asking how to setup SHIR services with customized account

Solution

Yes. It's supported to setup SHIR services with customized account

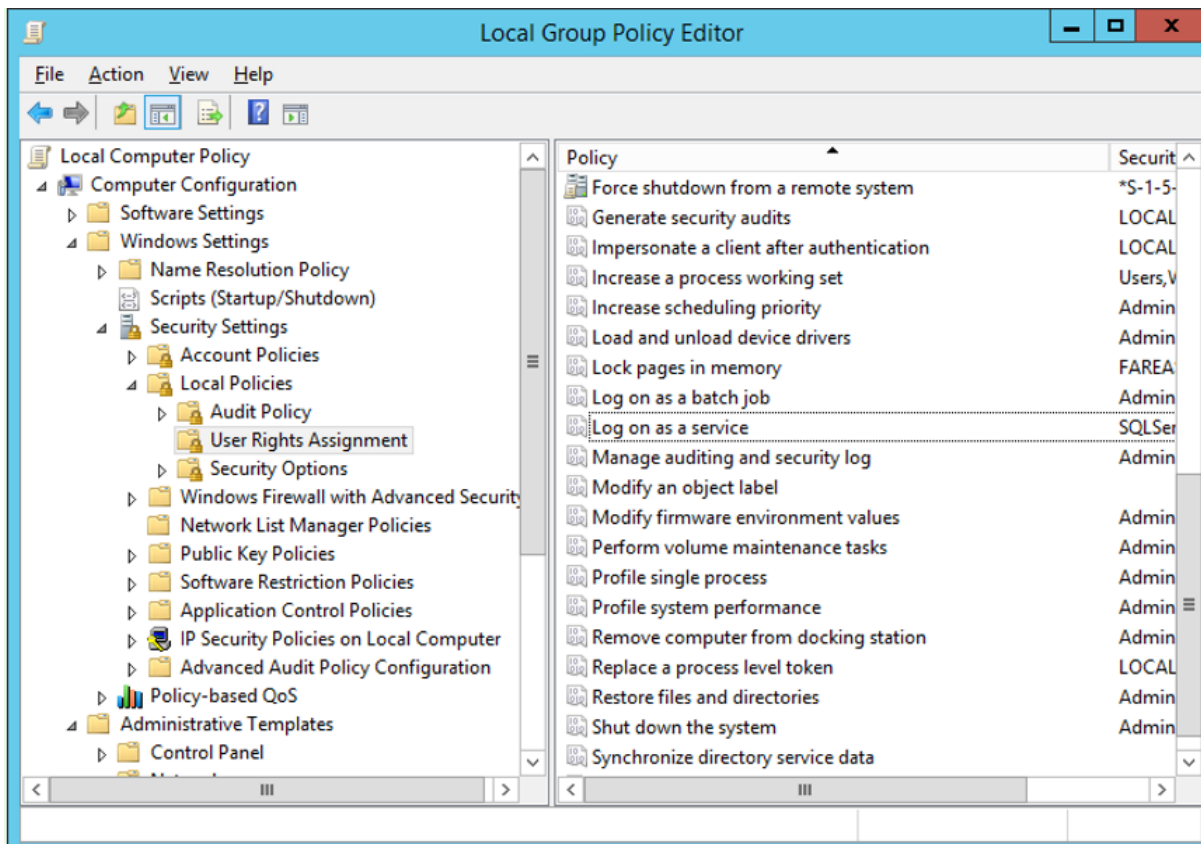
1. Use msixexec to install SHIR with parameter SKIPSTARTSERVICE set as "Yes".

For example: msixexec /i IntegrationRuntime_x.x.x.x.msi SKIPSTARTSERVICE="Yes"

NOTE: The value of SKIPSTARTSERVICE must be "Yes" with double quote.

2. Make the account has the right to log on as service

Local Computer policy -> Computer Configuration -> Windows Settings -> Security Settings -> Local Policies -> User Rights Assignment -> Log on as a service



3. Run command line to switch service account "dmgcmd.exe" -SwitchServiceAccount "domain\user" "password"

More Information

1: "LocalSystem" account

For customer who want to change to use LocalSystem account, please kindly note we need to use a correct format for account:

https://supportability.visualstudio.com/AzureDataFactory/_wiki/wikis/AzureDataFactory/436552/How-to-setup-SHIR-services-with-customized-account

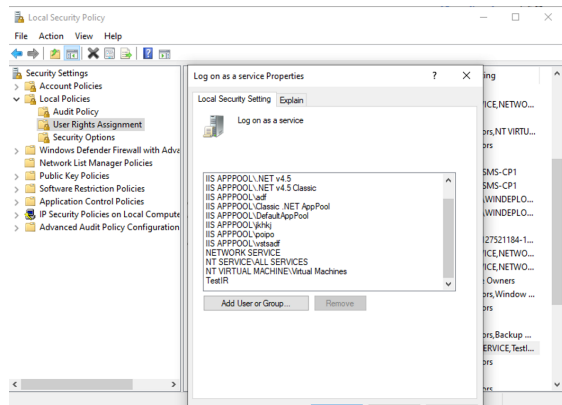
dmgcmd.exe -SwitchServiceAccount "NT Authority\System" "" (✓✓✓✓)

dmgcmd.exe -SwitchServiceAccount "LocalSystem" "" (xxxx)

For alternative, since Local System already has more than administrator, could also directly change it in "Services".

Customer could use local/domain user for the IR service log on account

How to check whether the User has the permission of Log on as a service:



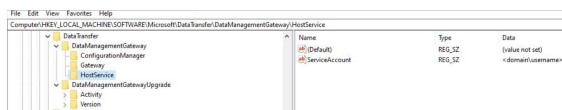
(Incident-ICM 15353241)

2: gMSA - [Group Managed Service Accounts](#)

(Note: SHIR haven't integrated with gMSA accounts so **it is not supported now.**)

But we have a workaround to emulate what the DMGCMD.EXE command does with following steps:

1. Stop the Integration Runtime service
2. Add the gMSA account directly into the service (this adds the account automatically in the *User Rights Assignment - Log on as a service*, but please double check whether it was added)
3. Add the gMSA account in local groups *Performance Monitor Users & Performance Log Users*
4. Add the gMSA account on the following 3 directories with FULL CONTROL
 - C:\ProgramData\Microsoft\Data Transfer\DataManagementGateway
 - C:\ProgramData\Microsoft\Data Transfer\DataManagementGatewayUpgrade
 - C:\ProgramData\Microsoft\Data Transfer\DataScanActivity
5. Add String Value "Service Account: GMSA account" under HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\DataTransfer\DataManagementGateway\HostService



6. Start the Integration Runtime Service

How good have you found this content?

