FUNCTION Restart-Service

{

PARAM([STRING]$SERVERNAME=$env:COMPUTERNAME,[STRING]$SERVICENAME) #MSSQLSERVER FOR DEFAULT INSTANCE FOR NAMED INSTANCE MSSQL`$KAT

$SERVICE = GET-SERVICE -COMPUTERNAME $SERVERNAME -NAME $SERVICENAME -ERRORACTION SILENTLYCONTINUE

IF( $SERVICE.STATUS -EQ "RUNNING" )

{

$DEPSERVICES = GET-SERVICE -COMPUTERNAME $SERVERNAME -Name $SERVICE.SERVICENAME -DEPENDENTSERVICES | WHERE-OBJECT {$\_.STATUS -EQ "RUNNING"}

IF( $DEPSERVICES -NE $NULL )

{

FOREACH($DEPSERVICE IN $DEPSERVICES)

{

Stop-Service -InputObject (Get-Service -ComputerName $SERVERNAME -Name $DEPSERVICES.ServiceName)

}

}

Stop-Service -InputObject (Get-Service -ComputerName $SERVERNAME -Name $SERVICE.SERVICENAME) -Force

if($?)

{

Start-Service -InputObject (Get-Service -ComputerName $SERVERNAME -Name $SERVICE.SERVICENAME)

$DEPSERVICES = GET-SERVICE -COMPUTERNAME $SERVERNAME -NAME $SERVICE.SERVICENAME -DEPENDENTSERVICES | WHERE-OBJECT {$\_.STATUS -EQ "STOPPED"}

IF( $DEPSERVICES -NE $NULL )

{

FOREACH($DEPSERVICE IN $DEPSERVICES)

{

Start-Service -InputObject (Get-Service -ComputerName $SERVERNAME -Name $DEPSERVICE.SERVICENAME)

}

}

}

}

ELSEIF ( $SERVICE.STATUS -EQ "STOPPED" )

{

Start-Service -InputObject (Get-Service -ComputerName $SERVERNAME -Name $SERVICE.SERVICENAME)

$DEPSERVICES = GET-SERVICE -COMPUTERNAME $SERVERNAME -NAME $SERVICE.SERVICENAME -DEPENDENTSERVICES | WHERE-OBJECT {$\_.STATUS -EQ "STOPPED"}

IF( $DEPSERVICES -NE $NULL )

{

FOREACH($DEPSERVICE IN $DEPSERVICES)

{

Start-Service -InputObject (Get-Service -ComputerName $SERVERNAME -Name $DEPSERVICE.SERVICENAME)

}

}

}

ELSE

{

"THE SPECIFIED SERVICE DOES NOT EXIST"

}

}