[](http://diplopedia.state.gov/images/IRM-Logo-Print-Small.jpg)

IRM – Services Password Modification Script

11 November 2014

Revision History

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| --- | --- | --- | --- |
| Date | Name | Description of Change | Version |
| 11/11/2014 | Jack TEsta | Script Author | V01.00 |
| 11/11/2014 | Jack Testa | First Draft Document | V01.00 |
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# Purpose

To document how to use IRM’s Service Password Modification Script

# Script Capabilties

This script was designed to facilitiate updating service configurations on multiple services to support service account password changes.

# Roles and Responsibilities

Table 4‑1: Roles and Responsibilities

|  |  |
| --- | --- |
| Role Title | Responsibilities |
| IRM/OPS/ENM/NED/EMS | Create and maintain the scripts and documentation |
| Local and AD administrators around the world | Optionally use this script to modify password for services on multiple remote servers. |

# Service Password Modification Procedure

Table 5‑1: Procedure Tasks

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Procedure Aid |
|  | Logon to a Windows 2008 R2 or Windows 2012 R2 Server using an account that has Local Server and/or Local Workstation Admin rights |  |
|  | Download the latest version of the script. |  |
|  | Create folder on your server for the script and put the script in the folder. |  |
|  | Find Windows PowerShell under “Accessories” in the start menu or on Windows 2012 R2 go to the start screen and simply type “Windows PowerShell” |  |
|  | Right click “Windows PowerShell” and Run as administrator |  |
|  | In the PowerShell window, check the script execution policy. It should be remote signed.  Run the command  get-executionpolicy | PS C:\Windows\system32> get-executionpolicy  RemoteSigned |
|  | If the execution policy is not RemoteSigned…  Run the command  set-executionpolicy remotesigned | PS C:\Windows\system32> set-executionpolicy remotesigned  Execution Policy Change  The execution policy helps protect you from scripts that you do not trust. Changing the execution policy might expose  you to the security risks described in the about\_Execution\_Policies help topic. Do you want to change the execution  policy?  [Y] Yes [N] No [S] Suspend [?] Help (default is "Y"): y  PS C:\Windows\system32> |
|  | Change to the folder you created for the script.  Run the command  Set-location <your folder in quotes>  Or use the alias  CD <your folder in quotes> | PS C:\Windows\system32> set-location " C:\!PS\!Service Password Modification Tool>"  PS C:\!PS\!Service Password Modification Tool> |
|  | Run the script.  Type the first few letters of the script and hit tab and powershell will cycle through the files in the folder that start with those letters.  Once you see the script hit enter. | PS C:\!PS\!Service Password Modification Tool>> & '.\Service Account Password Modification Tool v1.0.ps1' |
|  | This PowerShell script has a graphical user interface. |  |
|  | The Server list window will represent all of servers in scope for this run of the script.  You can utilize a text file with one server per line to populate the list(1) and/or use the Manually add servers windows (2). |  |
|  | You can use the Validate connections button (1) to ensure that the systems are online (pingable) and you have admin rights (tests access to [\\server\c$](file:///\\server\c$))  If any servers fail either validation test, they will be unchecked and noted in the status boxes (2,3) |  |
|  | You can export any systems that failed validation using the save button under each status windows (1). These files can be used later to re-run the script and populate the server list. |  |
|  | When Validation ( Note, you can track the progress by looking at the validation button and the log window (5) at the bottom of the tool) is complete highlight one of the checked workstations (1) in the server list and click Retrieve Services from Highlighted System (2).  This will return all of the services (3) on this “reference” machine. You can select the service you wish to modify the password for to retrieve it’s configuration (4). This is the service that will be modified for all of the checked system in the Server List. |  |
|  | In the Selected Service Window (1), you will see the current Name, Display Name and Start As (service account) settings.  You must now enter the new password for the selected service.  You will need to enter the password twice. Mismatched passwords will be highlighted in red and will disable the change password button. (2)  Once you have entered password twice, you can click the Change Password Button (3) |  |
|  | The process will process through the server list. You can track the progress in the log windows (1)  The script will also create a log file with same data found in the log windows. By default, this file will be saved in the location of the script itself. You can change the location of the log file by click the select button under Log File. (2) |  |
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