

Run PowerShell Commands as a Specified Windows User

Description

The FileWave Client normally runs Windows scripts as System. This example uses PowerShell remoting to run a specific command block with credentials for another Windows account.

Ingredients

- Text editor
- FileWave Central

Directions

-  Credentials are required. Never hard-code a username or password in the PowerShell body. Use a dedicated account with only the permissions required by the task, and rotate its password according to your organization's credential policy.

PowerShell [Invoke-Command](#) accepts a `PSCredential` for the specified account.

In the Fileset script properties, configure the username and password as environment variables rather than placing the values in the script body.

For example, with a device named DESKTOP-N05S01D:

Permissions
ACLs
Verification
Executable
Flags

Execution Control

☒ Execute once when activated

☐ Interactive (ignored in non Windows™ clients)
☒ Non-interactive (background)
☒ Wait for executable to finish

Wait for:
5 Minutes

Launch Arguments
Environment Variables

Variable	Value
pass	secure_password
user	DESKTOP-N05S01D\$\LocalAdmin

Change 'secure_password' and 'user' values to required entries.

Reference those values in the PowerShell script as:

- \$Env:pass
- \$Env:user

For example:

```
$securePassword = ConvertTo-SecureString $Env:pass -AsPlainText -Force
$credential = New-Object System.Management.Automation.PSCredential ($Env:user,
$securePassword)

echo "$Env:UserName"

Invoke-Command -ComputerName localhost -Credential $credential -ScriptBlock {
    # Code to action by the defined user should be added here
    echo "$Env:UserName"
}
```

The example first prints the System account name, then prints the specified account name from inside the command block:

```
DESKTOP-N05S01D$
LocalAdmin
```



WinRM dependency. This example uses Windows Remote Management. If the command fails, check the WinRM configuration from an elevated prompt:

```
winrm quickconfig
```



WinRM blocks this workflow when the active Windows network profile is Public. Verify the intended network profile and organizational remoting policy before changing WinRM settings.

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