

# Execute Powershell Scripts as Defined User

## Description

By default, the FileWave Client executes scripts and tasks with elevated permissions (System on Windows). The below shows a method to launch a command as an alternate user.

## Ingredients

- Text editor
- FileWave Central

## Directions

**!** This method requires the username and password of the user to run the command. Do not add usernames and passwords directly in scripts.

Credentials of a user may be passed to Invoke-Command.

Due to the above warning, add the username and password as Environment Variables to the Script in the Fileset.

For example, with a device named DESKTOP-N05SO1D:

The screenshot shows the FileWave Central interface with the 'Executable' tab selected. Under 'Execution Control', the following options are checked: 'Execute once when activated', 'Non-interactive (background)', and 'Wait for executable to finish'. The 'Wait for' dropdown is set to '5 Minutes'. Below this, the 'Environment Variables' tab is active, displaying a table with two variables: 'pass' with value 'secure\_password' and 'user' with value 'DESKTOP-N05SO1D\$\LocalAdmin'.

Variable	Value
pass	secure_password
user	DESKTOP-N05SO1D\$\LocalAdmin

Change 'secure\_password' and 'user' values to required entries.

These will be referenced 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 output of the above will show that the username has altered, by first echoing the System name and then the name of the user within the script block:

```
DESKTOP-N05S01D$
LocalAdmin
```

 The above relies upon 'winrm'. If there are any issues when running the command, winrm can be checked with the following command: winrm quickconfig

 This method will not work if the defined network is 'Public', as winrm will not allow this.

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