Parsing the .ini file to see the server status.

PARSE serverState.ini to show Section and InstallStatus value
OUTPUT should be
    [BatchProcessingService]
    InstallStatus=Success

    [CmsContentUI]
    InstallStatus=Failure

    [FederationResources]
    InstallStatus=Success

The installation based upon the desired config.

WHERE section is anything between [ ]
i.e.BatchProcessingService, CmsContentUI, FederationResources
WHERE section's row labeled InstallStatus is equal to "Failure"
STORE section name as variable "var_section_name" #in this case CmsContentUI

DO
   READ desiredConfig.json
   WHERE name is equal to "var_section_name" #in this case CmsContentUI
   STORE package version as variable "var_package_version" #in this case 1.9.7

   RUN script get-nh-package #this returns CmsContentUI package version 1.9.7
   RUN script install-nh-package #this installs CmsContentUI package version 1.9.7

WHEN install is complete
CHECK install was successful
STORE outcome as variable "var_install_outcome"

Updating the .ini file to reflect changes.

IF outcome is "Failure"
   DO
     OUTPUT install error message

ELSE IF #i.e. the install was a success

   DO
     READ serverState.ini
     WHERE section is equal to "var_section_name" #in this case CmsContentUI
     REPLACE InstallStatus with "var_install_outcome"
     REPLACE version with "var_package_version"
     REPLACE DateTime with current Date and Time
   ENDIF

Another parse to display the difference.

PARSE serverState.ini to show section and InstallStatus value
OUTPUT should be
    [BatchProcessingService]
    InstallStatus=Success

    [CmsContentUI]
    InstallStatus=Success

    [FederationResources]
    InstallStatus=Success