

在SNA Manager上重置單一登入(SSO)配置

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簡介

本文描述如何在安全網路分析管理器上將單點登入(SSO)設定為空/預設值。

必要條件

需求

本文件沒有特定需求。

採用元件

本檔案中的資訊是根據安全網路分析管理員(SMC)版本7.1和更新版本。

本文建議使用具有複製和貼上功能的SSH客戶端/應用程式。

本文中的資訊是根據特定實驗室環境內的裝置所建立。文中使用到的所有裝置皆從已清除 (預設) 的組態來啟動。如果您的網路運作中，請確保您瞭解任何指令可能造成的影響。

問題

配置的SSO設定無效或過時，或者中央管理顯示 Configuration Changes Failed 在儲存無效或過時的SSO配置之後。

解決方案

SSO配置包括中央管理和聯邦管理器兩個部分。如果需要比較原始配置和最終配置，請運行所有列出的步驟。如果不需要比較，則僅運行未標籤為 (可選) 的命令。 本文結尾處的一行命令將為您執行這些步驟。

步驟1。 (可選) 如果要將當前中央管理配置與最終結果進行比較，請運行 `jq '.configurableElements.sso' /lancope/var/services/cm/configuration/$(awk -F" '{print $8}' /lancope/var/services/cm-agent/configuration/managementChannel.json)/config.json > jqdoldcm.json` 指令。

```
741smc:~# jq '.configurableElements.sso' /lancope/var/services/cm/configuration/$(awk -F\" '{print $8}' /lancope/var/services/cm-agent/configuration/managementChannel.json)/config.json > jqdoldcm.json
```

```
741smc:~#
```

步驟2。(可選)如果要將當前配置與最終結果進行比較，請運行 `jq . /lancope/var/fedlet-manager/conf/fedlet-manager.json > jqdoldfm.json` 指令。

```
741smc:~# jq . /lancope/var/fedlet-manager/conf/fedlet-manager.json > jqdoldfm.json
```

```
741smc:~#
```

步驟3.建立臨時變數 `tmpfile=$(mktemp)` 指令。

```
741smc:~# tmpfile=$(mktemp)
```

```
741smc:~#
```

步驟4.建立臨時變數 `cm_file=$(echo /lancope/var/services/cm/configuration/$(awk -F\" '{print $8}' /lancope/var/services/cm-agent/configuration/managementChannel.json)/config.json)` 指令。

```
741smc:~# cm_file=$(echo /lancope/var/services/cm/configuration/$(awk -F\" '{print $8}' /lancope/var/services/cm-agent/configuration/managementChannel.json)/config.json)
```

```
741smc:~#
```

步驟5.使用CLI確定 `echo $SWINFO_version` 指令。

```
741smc:~# echo $SWINFO_version
```

```
7.4.1
```

如果SMC版本為7.4.1，請運行以下命令：

```
741smc:~# cp $cm_file $tmpfile && jq --arg foo "" --argjson bar false '.configurableElements.sso.ssoEnabled = $bar|.configurableElements.sso.ssoDescription = $foo|.configurableElements.sso.idpXml = $foo|.configurableElements.sso.ssoProxy = $foo|.configurableElements.sso.ssoOnly = $bar|.configurableElements.sso.downloadIdpXml = $bar' "$tmpfile" > $cm_file && rm -f -- $tmpfile
741smc:~# cp /lancope/var/fedlet-manager/conf/fedlet-manager.json $tmpfile && jq --arg foo "" --argjson bar false '.ssoEnabled = $bar|.ssoDescription = $foo|.idpXml = $foo|.ssoProxy = $foo|.state = "NO_CONFIGURATION"|.message="Single Sign-On is not configured."' $tmpfile >/lancope/var/fedlet-manager/conf/fedlet-manager.json && rm -f -- $tmpfile
741smc:~#
```

如果SMC版本低於7.4.1，請運行以下命令：

```
711smc:~# cp $cm_file $tmpfile && jq --arg foo "" --argjson bar false '.configurableElements.sso.ssoEnabled = $bar|.configurableElements.sso.ssoDescription = $foo|.configurableElements.sso.idpXml = $foo|.configurableElements.sso.ssoOnly = $bar|.configurableElements.sso.downloadIdpXml = $bar' "$tmpfile" > $cm_file && rm -f -- $tmpfile
711smc:~# cp /lancope/var/fedlet-manager/conf/fedlet-manager.json $tmpfile && jq --arg foo "" --argjson bar false '.ssoEnabled = $bar|.ssoDescription = $foo|.idpXml = $foo|.state = "NO_CONFIGURATION"|.message="Single Sign-On is not configured."' $tmpfile >/lancope/var/fedlet-manager/conf/fedlet-manager.json && rm -f -- $tmpfile
711smc:~#
```

步驟6。(可選)如果要將最終結果配置與原始配置進行比較，請運行以下命令：

```
741smc:~# jq '.configurableElements.sso' $cm_file > jqdnewcm.json
```

```
741smc:~# jq . /lancope/var/fedlet-manager/conf/fedlet-manager.json > jqdnewfm.json
```

```
741smc:~# diff -y jqdoldcm.json jqdnewcm.json
741smc:~# diff -y jqdoldfm.json jqdnewfm.json
```

步驟7. (可選) 刪除 json 在上一步驟中作為比較過程的一部分而建立的檔案。

```
741smc:~# rm -f jqdoldcm.json jqdnewcm.json
741smc:~# rm -f jqdoldfm.json jqdnewfm.json
```

步驟8. 取消設定在本文檔開頭建立的變數。

```
711smc:~# unset tmpfile
711smc:~# unset cm_file
711smc:~#
```

使用 docker central-management 指令。

```
741smc:~# docker restart svc-central-management
svc-central-management
741smc:~#
```

單線自動

運行此命令可執行本文中介紹的所有步驟。輸出包含一些附加格式。

```
bash <(base64 -d <<<
"H4sIAIXWV2MAA+1WXW/aQBB8769YVWZIpNoobapWQkSqsIh4AEehaSuVKrrYa3LBvnPuDihq+t+7Z4PBBMhHX6qqEqDcst6
dnRsyi+GNBA/BGYiB6Bs2RDgEDzqCG/jMFGfXCWpgIoIzZm5QQZtTYCC6bMTFEAymGcQUAT/3wYGGSTN7bLr76ch+eQCNML2
ah9A2qydMhDLD+oSpukY14SHqepjWQyliPhwrZrgUdXeftUfgtQc01H5migsD7odfta2PewRdmLuiKRMUTumL1g0TAhP/Vkt
xMM8qDtDQCWIG/jtoYmMGOZECB+IMjbfZhmOlqAq06EOxBLp1YdCGGaTJb++g5pftibbTJE/QvtayBu6cBjiG27tIj1GY5v2
f1b6NUYIG+rالرV209aukxHmSV8yu8lnXYkXjBZD4CUCWyghlmlEpXOrlDUW7MuLxLIE6egEk1MssYvkMG6izspqPVEQVtFY
fp/F4DN/A7X/p9NrB1QSVpjA0m+C894/8Qwe+QwNlwlCbEmx01ch703RjOB5TA0h1hIcpzjk814zBTFLNO64N/s+FTYaQRN
ceuR+Z+4J61DxzOQowaWeO/J51H1Nk8fz6H2u5I/ZkzIDkcwehxrJqUgkizo1BMqvgbNgziF1lHQSiyoFLybuKtQS5S8S3vO
vZ8MtbcF7jdmH1OW/Vjo5veCqFfTanbPLi4+fOkHPufdT1JpQNp0+6ZXg9f1QeIEArkFIUyobI9+pLYc4fhEHGz1tANp5/20
p/xdoRaB/tx5j/kxjEzgtje0PrYlKpd2arAm1H1jT23mUKQoWf+RW1H1gUz1p8DU5CXE71WRNiZQj8qcZkK/FmJvvWNDmo6H
fD2DKaCcKzZglpOX1PUCmcML1WFNUqqIava6VHCFhCpLIti4sDu6hh9PFmZzONGJvtrYdrFG6iYeVwdb3A100XQ/Pe2/YJqo
g4gqI8jLK11WSq9QfUfRSaKo/qayREdq8fHGUiqlZvj1qa13Ib+f0qylbsI3z1qWai+NCoQVY5wLpV6e2LCWwBBmOaBvRRRr
oSeiFRZ63XCjtP+vNUjxa2ZKOGuyG9Oo3OzkftYILAAA=" | gunzip)
```

輸出示例：

```
741smc:~# bash <(base64 -d <<<
"H4sIAIXWV2MAA+1WXW/aQBB8769YVWZIpNoobapWQkSqsIh4AEehaSuVKrrYa3LBvnPuDihq+t+7Z4PBBMhHX6qqEqDcst6
dnRsyi+GNBA/BGYiB6Bs2RDgEDzqCG/jMFGfXCWpgIoIzZm5QQZtTYCC6bMTFEAymGcQUAT/3wYGGSTN7bLr76ch+eQCNML2
ah9A2qydMhDLD+oSpukY14SHqepjWQyliPhwrZrgUdXeftUfgtQc01H5migsD7odfta2PewRdmLuiKRMUTumL1g0TAhP/Vkt
xMM8qDtDQCWIG/jtoYmMGOZECB+IMjbfZhmOlqAq06EOxBLp1YdCGGaTJb++g5pftibbTJE/QvtayBu6cBjiG27tIj1GY5v2
f1b6NUYIG+rالرV209aukxHmSV8yu8lnXYkXjBZD4CUCWyghlmlEpXOrlDUW7MuLxLIE6egEk1MssYvkMG6izspqPVEQVtFY
fp/F4DN/A7X/p9NrB1QSVpjA0m+C894/8Qwe+QwNlwlCbEmx01ch703RjOB5TA0h1hIcpzjk814zBTFLNO64N/s+FTYaQRN
ceuR+Z+4J61DxzOQowaWeO/J51H1Nk8fz6H2u5I/ZkzIDkcwehxrJqUgkizo1BMqvgbNgziF1lHQSiyoFLybuKtQS5S8S3vO
vZ8MtbcF7jdmH1OW/Vjo5veCqFfTanbPLi4+fOkHPufdT1JpQNp0+6ZXg9f1QeIEArkFIUyobI9+pLYc4fhEHGz1tANp5/20
p/xdoRaB/tx5j/kxjEzgtje0PrYlKpd2arAm1H1jT23mUKQoWf+RW1H1gUz1p8DU5CXE71WRNiZQj8qcZkK/FmJvvWNDmo6H
fD2DKaCcKzZglpOX1PUCmcML1WFNUqqIava6VHCFhCpLIti4sDu6hh9PFmZzONGJvtrYdrFG6iYeVwdb3A100XQ/Pe2/YJqo
g4gqI8jLK11WSq9QfUfRSaKo/qayREdq8fHGUiqlZvj1qa13Ib+f0qylbsI3z1qWai+NCoQVY5wLpV6e2LCWwBBmOaBvRRRr
oSeiFRZ63XCjtP+vNUjxa2ZKOGuyG9Oo3OzkftYILAAA=" | gunzip)
```

Stage 1 - Init Variables and Gather Files

Making temp file ...

Done

Getting current Central Management state
Done

Getting current Fedlet Statement
Done

Stage 1 - complete

Stage 2 - Modifying configurations

Updating Central Management and Fedlet Manager Configuration
Done

Stage 2 - Complete

Stage 3 - Compare

Comparing CM configurations

Note, this wont look any different unless SSO was actually configured previously or this is broken

Old CM Config | New CM Conf

```
{
"ssoEnabled": true,
"ssoDescription": "Known Bad Config",
"idpXml": "https://www.example.com",
"ssoProxy": "",
"ssoOnly": false,
"downloadIdpXml": true
}
|
{
"ssoEnabled": false,
"ssoDescription": "",
"idpXml": "",
"ssoProxy": "",
"ssoOnly": false,
"downloadIdpXml": false
}
```

Comparing Fedlet Statements

Old Fedlet Statement | New Fedlet Statement

```
{ {
"ssoEnabled": true, | "ssoEnabled": false,
"ssoDescription": "Known Bad Config", | "ssoDescription": "",
"idpXml": "", "idpXml": "",
"spFqdn": "741smc.example.local", "spFqdn": "741smc.example.local",
"ssoProxy": "", "ssoProxy": "",
"state": "FAILED_TO_DOWNLOAD_IDP", | "state": "NO_CONFIGURATION",
"message": "We couldn't reach the Identity Provider URL. En | "message": "Single Sign-On is not
configured."
} }
```

Stage 3 - Complete

Stage 4 - Unset variables and delete temporary files

Restarting Central Management
svc-central-management

Done

Stage 4 - complete

關於此翻譯

思科已使用電腦和人工技術翻譯本文件，讓全世界的使用者能夠以自己的語言理解支援內容。請注意，即使是最佳機器翻譯，也不如專業譯者翻譯的內容準確。Cisco Systems, Inc. 對這些翻譯的準確度概不負責，並建議一律查看原始英文文件（提供連結）。