

# 在SNA Manager上重置单点登录(SSO)配置

## 目录

[简介](#)

[先决条件](#)

[要求](#)

[使用的组件](#)

[问题](#)

[解决方案](#)

[单线自动](#)

## 简介

本文档介绍如何在安全网络分析管理器上将单点登录(SSO)设置为空/默认值。

## 先决条件

### 要求

本文档没有任何特定的要求。

### 使用的组件

本文档中的信息基于安全网络分析管理器(SMC)版本7.1及更高版本。

本文建议使用具有复制和粘贴功能的SSH客户端/应用。

本文档中的信息都是基于特定实验室环境中的设备编写的。本文档中使用的所有设备最初均采用原始(默认)配置。如果您的网络处于活动状态,请确保您了解所有命令的潜在影响。

## 问题

配置的SSO设置无效或过时,或者中央管理显示 Configuration Changes Failed 保存无效或过时的SSO配置后。

## 解决方案

SSO配置包括两个部分,即中央管理和Fedlet管理器。如果需要比较原始配置和最终配置,请运行所有列出的步骤。如果不需要比较,则仅运行未标记为(可选)的命令。本文末尾的“单行”命令将为您执行这些步骤。

步骤1.(可选)如果要将当前中央管理配置与最终结果进行比较,请运行 `jq '.configurableElements.sso' /lancope/var/services/cm/configuration/$(awk -F' ' '{print $8}' /lancope/var/services/cm-agent/configuration/managementChannel.json)/config.json > jqdoldcm.json` 命令。

```
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:~#
```

步骤2. ( 可选 ) 如果要当前配置与最终结果进行比较, 请运行 `jq ./lancope/var/fedlet-manager/conf/fedlet-manager.json > jqdoldfm.json` 命令。

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

```
741smc:~#
```

第三步: 创建临时变量 `tmpfile=$(mktemp)` 命令。

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

```
741smc:~#
```

第四步: 创建临时变量 `cm_file=$(echo /lancope/var/services/cm/configuration/$(awk -F\" '{print $8}' /lancope/var/services/cm-agent/configuration/managementChannel.json)/config.json)` 命令。

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

```
741smc:~#
```

第五步: 使用Cisco UCS Director `echo $SWINFO_version` 命令。

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

```
7.4.1
```

如果SMC版本为7.4.1, 请运行以下命令:

```
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版本早于7.4.1, 请运行以下命令:

```
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:~#
```

步骤6. ( 可选 ) 如果要最终结果配置与原始配置进行比较, 请运行以下命令:

```
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
```

步骤7. ( 可选 ) 删除 json 作为此比较过程的一部分在最后一个步骤中创建的文件。

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

步骤 8取消设置本文档开头创建的变量。

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

使用 docker central-management 命令。

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

## 单线自动

运行此命令可执行本文中介绍的所有步骤。输出包含一些附加格式。

```
bash <(base64 -d <<<
"H4sIAIXWV2MAA+1WXW/aQBB8769YVWZIpNoobapWQkSqsIh4AEehaSuVKrrYa3LBvnPuDihq+t+7Z4PBBMhHX6qqEqDcst6
dnRsyi+GNBA/BGYiB6Bs2RDgEDzqCG/jMFGfXCWpgIoIzZm5QQZtTYCC6bMTFEAymGcQUAT/3wYGGSTN7bLr76ch+eQCNML2
ah9A2qydMhDLD+oSpukY14SHqepjWQyliPhwrZrgUdXeftUfgtQcO1H5migsD7odfta2PewRdmLuiKRMUTumL1g0TAhP/Vkt
xMM8qDtDQCWIG/jtoYmMGOZECB+IMjbfZhmOlqAq06EOxBLp1YdCGGaTJb++g5pftibbTJE/QvtayBu6cBjiG27tIj1GY5v2
f1b6NUYIG+rالرV209aukxHmsV8yu8lnXYkXjBZD4CUCWyghlmlEpXOrlDUW7MuLxLlE6egEk1MssYvkMG6izspqPVEQVtFY
fp/F4DN/A7X/p9NrB1QSVpjA0m+C894/8Qwe+QwNl1wLcBEmx01ch7O3RjOB5TA0h1hIcpzjk814zBTFLNO64N/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+NCoQVy5wLpV6e2LCWwBmOaBvRRRr
oSeiFRZ63XCjtP+vNUjxa2ZKoGuyG9Oo3OzkftYILAAA=" | gunzip)
```

示例输出：

```
741smc:~# bash <(base64 -d <<<
"H4sIAIXWV2MAA+1WXW/aQBB8769YVWZIpNoobapWQkSqsIh4AEehaSuVKrrYa3LBvnPuDihq+t+7Z4PBBMhHX6qqEqDcst6
dnRsyi+GNBA/BGYiB6Bs2RDgEDzqCG/jMFGfXCWpgIoIzZm5QQZtTYCC6bMTFEAymGcQUAT/3wYGGSTN7bLr76ch+eQCNML2
ah9A2qydMhDLD+oSpukY14SHqepjWQyliPhwrZrgUdXeftUfgtQcO1H5migsD7odfta2PewRdmLuiKRMUTumL1g0TAhP/Vkt
xMM8qDtDQCWIG/jtoYmMGOZECB+IMjbfZhmOlqAq06EOxBLp1YdCGGaTJb++g5pftibbTJE/QvtayBu6cBjiG27tIj1GY5v2
f1b6NUYIG+rالرV209aukxHmsV8yu8lnXYkXjBZD4CUCWyghlmlEpXOrlDUW7MuLxLlE6egEk1MssYvkMG6izspqPVEQVtFY
fp/F4DN/A7X/p9NrB1QSVpjA0m+C894/8Qwe+QwNl1wLcBEmx01ch7O3RjOB5TA0h1hIcpzjk814zBTFLNO64N/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+NCoQVy5wLpV6e2LCWwBmOaBvRRRr
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

## 关于此翻译

思科采用人工翻译与机器翻译相结合的方式将此文档翻译成不同语言，希望全球的用户都能通过各自的语言得到支持性的内容。

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