

## Remote SSO Configuration

This feature is used for automating the sign-in process for any application or site which is form based and uses post method for authentication. The steps to configure Remote SSO are given below:

1. Login as admin in to IVE.
2. To configure **Form POST** go to **Resource Policies → Web → Remote SSO → Form POST** or **Resource Policies → Web → SSO Form POST**.
3. Click on **New Policy**.
4. The **Name** and **Description** fields are arbitrary.
5. In the **Resource** field enter the URL of the Citrix Nfuse site.
6. Under **Roles** select **Policy applies to ALL roles** if you wish to apply the policy to all the roles or select the appropriate option and select the roles from the **Available roles** list and add it to the **Selected** roles window.
7. Under **Action** select **Perform the POST defined below**.

To know the **Post details** lets consider the example below

**Note: To get the cookie information, user should successfully login to the application. Obtain a DSRecord (Maintenance>troubleshooting>session recording) of this successful login.**

### Example:

Below is part of DSRecord taken while accessing Citrix Nfuse via IVE. Pertinent values are marked in bold.

```
---- dsrecord.response.after.body:None - 08368.00162 - { 4384 } ---- 20031208160704.388772
----
                                <table width="286" border="0" cellspacing="0"
cellpadding="3" bgcolor="#6699CC">
                                <form autocomplete=off method="POST"
action="login.asp,DanalInfo=kaku.qa.danastreet.net+" name="NFuseForm">
                                <input TYPE="HIDDEN" name="LoginType"
value="Explicit">
                                <td>
                                <input type="text" name="user"
class="loginEntries" onFocus="focus_UPD(this.form);" MAXLENGTH="256" >
                                </td>
---- dsrecord.response.after.body:None - 08368.00164 - { 3580 } ---- 20031208160704.389190
----
                                <td colspan="2">&nbsp;  </td>
                                <td>
                                <input type="password" name="password"
class="loginEntries" onFocus="focus_UPD(this.form);" MAXLENGTH="254" >
                                <td colspan="2">&nbsp;  </td>
                                <input type="text" name="domain"
class="loginEntries" onFocus="focus_UPD(this.form);" MAXLENGTH="256" >
```

<tr align="right" valign="middle">  
<td colspan="3">

---- dsrecord.request.before.header:None - 08368.00178 - { 696 } ---- 20031208160712.161352  
----

**POST /citrix/nfuse17/login.asp,DanaInfo=kaku.qa.danastreet.net+ HTTP/1.1**

Cache-Control: no-cache

Cookie: DSLastAccess=1070928424; DSID=\*\*\*\*\*

---- dsrecord.request.before.body:None - 08368.00179 - { 78 } ---- 20031208160712.161910 --  
--

**LoginType=Explicit&user=se1&password=dana123&domain=qa&Log+In.x=42&Log+In.y=1  
0**

---- dsrecord.request.after.header:None - 08368.00180 - { 718 } ---- 20031208160712.162149 -  
---

**POST /citrix/nfuse17/login.asp HTTP/1.0**

**Host: kaku.qa.danastreet.net**

Connection: Keep-Alive

Accept: image/gif, image/x-xbitmap, image/jpeg, image/pjpeg, application/vnd.ms-excel,  
application/vnd.ms-powerpoint, application/msword, application/x-shockwave-flash, /\*

Accept-Language: en-us

Content-Length: 78

Content-Type: application/x-www-form-urlencoded

User-Agent: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.0; .NET CLR 1.1.4322)

Referer: http://kaku.qa.danastreet.net/citrix/nfuse17/login.asp

Authorization: Basic bXdvbmc6bXdvbmcxMjM=

**Cookie: NFuseUseSavedFolder=Off; icaScreenResolution=1600x1200; icaBrowserCode=1;  
icaObjectCode=1; icaClientCode=1;**

ASPSESSIONIDQQGQQXCC=LKLPHAPBKDODOMGOKPEFLOOD

#### What to look for in DSRecord?

8. Access the Citrix Nfuse site directly and copy the URL which is present on the address bar of the browser. In this case the URL will be <http://kaku.qa.danastreet.net/citrix/nfuse17/login.asp>.
9. In the DSRecord look for "POST" which will be followed by the URL, that will be the POST URL. It looks like "POST /citrix/nfuse17/login.asp,DanaInfo=kaku.qa.danastreet.net+ HTTP/1.1" (bolded in above DSRecord), thus the Post URL will be <http://kaku.qa.danastreet.net/citrix/nfuse17/login.asp>. Enter this URL in **POST to URL** field under **POST details**.
10. In the DSRecord search for "**POST**" under **dsrecord.response.after.body** and look for "**Input**". If it has any value for variable name and value, enter those values under name and value filed under **POST details**. The variable value will only be present if it has default value (bolded in above DSRecord). If you have any name variable for which the value variable is empty or blank, you can ignore those variables. For domain you can enter the static value since we don't enter the domain information while signing-in to IVE.
11. The **Form POST details** are given below in the table.

Under **POST details** in **Form POST** configuration page we have **User Modifiable** field which has three options given below:

**Not Modifiable:**

User cannot change the credentials or other values.

**User CAN change value:**

Changes are optional. After signing-in the user can go to **System → Preferences → Advanced**. Under **Configure Remote SSO (Single Sign On) Resources** and can then click on **Configure Remote SSO**. From the list under **Remote SSO Bookmark** the user can select the Citrix Nfuse SSO bookmark and click on **Configure** and enter the data in respective fields and save the changes.

**User MUST change value:**

If the credentials for Citrix Nfuse are same as IVE credentials or different, user MUST provide the credentials details. After signing-in the user can go to **System → Preferences → Advanced**. Under **Configure Remote SSO (Single Sign On) Resources** the user can click on **Configure Remote SSO**. From the list under **Remote SSO Bookmark** the user can select the Citrix Nfuse SSO bookmark and click on **Configure** and enter the data in respective fields and save the changes.

12. For **Custom Headers and Cookies** search for the username used by the user to login to application while taking DSRecord. This user name should be present under **dsrecord.request.after.header** (bolded in above DSRecord). You will see a few more cookies which we have left because those are already set. In the beginning of the DSRecord search for "Set-Cookie".
13. To configure **Headers/Cookies** go to **Resource Policies → Web → Remote SSO → Headers/Cookies** or **Resource Policies → Web → SSO Headers/Cookies**.
14. Click on **New Policy**.
15. The **Name** and **Description** fields are arbitrary.
16. Under **Resource** in **Resource** field enter the URL of the Citrix Nfuse site.
17. Under **Roles** select **Policy applies to ALL roles** if you apply the policy to all the roles or select the appropriate option and select the roles from the **Available roles** list and add it to the **Selected** roles window.
18. Under **Action** select **Append headers as defined below**.
19. The **Headers and values** are given below in the table.

Form POST details and Headers and values for Citrix Nfuse.

### Citrix NFuse 1.5

URL : http://10.10.24.21/Citrix/MetaFrame/default.htm  
POST URL : http://10.10.24.21/Citrix/MetaFrame/frameset.asp

#### Form Post Values:

Label	Name	Value	User Modifiable?
Login	user	<USERNAME>	Not Modifiable
Password	password	<PASSWORD>	Not Modifiable
Domain	domain	qa	Not Modifiable
Display Mode	displayMode	seamless	Not Modifiable

### Citrix NFuse 1.6

UR : http://10.10.24.21/Citrix/NFuse16/login.asp  
POSTURL : http://10.10.24.21/Citrix/NFuse16/frameset.asp

#### Form Post Values:

Label	Name	Value	User Modifiable?
Login	user	<USERNAME>	Not Modifiable
Password	password	<PASSWORD>	Not Modifiable
Domain	domain	qa	Not Modifiable
Login Page	loginPage	default	Not Modifiable

#### Headers and values: (Add one per line)

Header Name	Header Value
Cookie	icaObjectCode=1
Cookie	icaClientCode=1

### Citrix NFuse 1.7

URL : http://10.10.24.21/Citrix/NFuse17/login.asp  
POST URL : http://10.10.24.21/Citrix/NFuse17/login.asp

#### Form Post Values:

Label	Name	Value	User Modifiable?
Login	user	<USERNAME>	Not Modifiable
Password	password	<PASSWORD>	Not Modifiable
Domain	domain	qa	Not Modifiable
Login Type	LoginType	Explicit	Not Modifiable

**Headers and values: (Add one per line)**

Header Name	Header Value
Cookie	icaBrowserCode=1
Cookie	icaObjectCode=1
Cookie	icaClientCode=1
Cookie	icaScreenResolution=1024x768

**Citrix NFuse 2.1/XP**

-----  
URL : http://10.10.24.21/Citrix/NFuse17/login.asp  
POST URL : http://10.10.24.21/Citrix/NFuse17/login.asp

**Form Post Values:**

Label	Name	Value	User Modifiable?
Login	user	<USERNAME>	Not Modifiable
Password	password	<PASSWORD>	Not Modifiable
Domain	domain	qa	Not Modifiable
Login Type	LoginType	Explicit	Not Modifiable
State	State	LOGIN	Not Modifiable

**Headers and values: (Add one per line)**

Header Name	Header Value
Cookie	icaBrowserCode=1
Cookie	icaObjectCode=1
Cookie	icaClientCode=1
Cookie	icaScreenResolution=1024x768
Cookie	icaClientAvailable=true

**Citrix NFuse 3.0**

-----  
URL : http://10.10.24.21/Citrix/NFuse17/login.asp  
POST URL : http://10.10.24.21/Citrix/NFuse17/login.asp

**Form Post Values:**

Label	Name	Value	User Modifiable?
Login	user	<USERNAME>	Not Modifiable
Password	password	<PASSWORD>	Not Modifiable
Domain	domain	qa	Not Modifiable
Login Type	LoginType	Explicit	Not Modifiable

State	state	LOGIN	Not Modifiable
-------	-------	-------	----------------

**Headers and values: (Add one per line)**

Header Name	Header Value
Cookie	icalsPassThrough=3
Cookie	icaScreenResolution=1024x768
Cookie	icaClientAvailable=true

**Note: The name and value in Forms-based SSO and header value in Custom Headers and Cookies are case sensitive.**