The **Secure Passthrough Helper** is a desktop application for testing Parature's latest form of Passthrough based off of a secure drop off and certificate-based authentication. This application is available on GitHub for testing "SecurePassthrough" on a developer's Desktop or Server, with the intent of troubleshooting or initial debugging. Please note: this is not intended for use on a production server in a production environment.

The application is a simple Windows Forms application, and only runs on Windows. The application opens with some default values as an example for users.

Machine generated alternative text:
Payload 
IDg 
"payload" : 
" con " 
" kavSec Pa 
"4S014", 
Secure Passthrough Tester 
Settings 
Client Cert CER path c: X8portabIeSecurePassThroughCertFromCertStorecer 
• I r.t* PFX tr. this Ex;.t CER of tr. wtif.te Env of it to Ettwh tr. wt to tr. 
Drop off 
Secure Passthrough URL 
https://ssoqutual-authparature com/eWref/dropoff 
https://demopar-ature com,tlcs/support/secufity2 asp 
Your Instanceld 
shivakavSecPass 
Drop off — 
"dept ID" : 
Pretty Print Payload 
"4S014", 

The user will work with sections 1 and 2 in the following diagram based off of their own specific configuration. Sections 3 and 4 visually display the status of the configuration, and will indicate where a problem may occur.

Machine generated alternative text:
Test 
Payloa 
"payload" : 
" s h IV a kav 
"dept ID" : 
kav 
secpass" 
Drop off 
Secure Passthrough Tester 
Settings 
Client Cert CER path C Xl_lsemNbrtubbXDesktopNsetfSignedTestCert cer 
this Ex;.t CER of Env of it to to 
Drop off 
Secure Passthrough URL 
https //ssoqutual-auth parature com/eWref/dropoff 
https://demoparature comics/support/secufity2 asp 
Your Instanceld 
shivakavSecPass 
https://demoparature comics/support/myhistory asp 7dept 0—45014 
My History 
Welcome Parature (parature tester@parature_com)_ Below is a summary of your most recent customer service requests. 
Most Recent Ticket 
Know your Ticket Number? Enter it here: 45014 
Search 
All Tickets Submit a Ticket I 
"REGISTERED" , 
"TestTester" 
"4S014", 
Last Updated 
Pretty Print Payload 
Drop Off was successful Ref Id 
76F9EC2ECF75CCS1 EBFE804EES845A300133B84E15AOEB524707980A0002 
Post Data sent to https //demo parature com,ics/support/secufity2 asp 
D-76F96C2ECF75CC91 
e I D—shivakavSecPass 
Summary Status 
Ticket 
Date Created 
45014-1005 
2014 12:31 PM EST testsum open Dec 92 2014 12:31 PM EST 
Most Recent Products 
View 
Product # Owner Product Name Date Created Submit a Ticket 
You do not have any Products 
Most Recent Live Chat 
View 

The first section has the following parameters:

Machine generated alternative text:
dS2 z,gnoaş/uodönş/soıyuıoo ar112_12d• OLuap,'/ sduLl 
ar112_12d• sduLl 
-len L16ncuqsse& aınoas 
440 dcuo 
sş2 & 
pıaoueısuı 
ıua!D 
söuıuas 

|  |  |
| --- | --- |
| Parameter | Description |
| Client Cert .CER path | This is the file path to the *public* key certificate use for authentication. This exact file is purely used by the application to look up the *private* key used for encryption and signing.    There are 2 requirements for the certificate:   1. The public and private keys must exist must be installed and imported into the "Current User's" certificate store 2. The Subject and Issue parameters of the certificate must be provided to Parature for whitelisting     During testing, this can be a self-signed certificate, but should be a CA-issues certificate in a production system. |
| Your InstanceId | String provided by Parature which is unique to you. This will stay the same between testing and production. |
| Drop Off Url | Do not change |
| Secure Passthrough URL | This will be the form of:  <your-portal-domain>/ics/support/security2.asp |

The second section is the JSON included in the POST to our server at the "Drop off Url" url.

Machine generated alternative text:
Payload 
"payload" : 
" con " 
"dept ID" : 
" kavSec Pa 
pa _ , 
"4S014", 

|  |  |
| --- | --- |
| Parameter | Description |
| subject | Same as the "InstanceId" provided by Parature |
| sessEmail | Email of a permanent CSR in the department |
| deptID | Department to log the Customer in to. Required |
| c<Field> | Each Customer field will have a subsequent key which can have a value assigned upon login. The following are required at minimum:     * cFname * cLname * cEmail *or* cUname |

When everything is ready, click the "Drop off -->" button to start Passthrough. Status will be displayed in section 3 of the application. A successful dropoff will list the "Ref Id" parameter retrieved during authentication (server to server) and is used to redirect the customer to finally log them in.

Machine generated alternative text:
Drop Off was successful Ref Id 
76F9EC2ECF75CCS1 EBFE804EES845A300133B84E15AOEB524707980A0002 
Post Data sent to https //demo parature com,ics/support/secufity2asp 
D-7EF9EC2ECF75CCS1 EBFE804EES845A300133884E15AOEB524707980A0002&nstanc 
e D—shivaka vSec P ass 

Failure usually falls into the following categories:

1. (401) Unauthorized
   1. This usually indicates that the certificate is not properly configured (wrong one used, not whitelisted, not imported, etc).

Machine generated alternative text:
Error: Systerm Net Web aceptiom The remote server retumed an error (401) Unauthorized 
at System Net HttpWeb Request Get Responsel) 
at SecurePassthroughPIaygroundMainForm.buttonI Click(Object sender. Eventkgse)inc 
Xl_lseÆNbrtubbXSourceXRepos Passthrough2ffPassthroughPIayground 
SecurePassthroughPIaygroundXMainForm cs:line 45 

1. Insufficient Account Info
   1. JSON payload is malformed

Machine generated alternative text:
https //demo parature comics/support/secufity2 asp 
Insufficient Account Information 
Invalid: Loginldentifier: eman 

1. (500) Internal Server Error
   1. The Subject or Issuer was malformed or mistyped in Parature, please alert your CSM or technical point of contact

Machine generated alternative text:
Error: System Aet Web aception The remote server returned an error (500) Intemal Server 
Emor 
at System Net HttpWeb Request Get Response() 
at SecurePassthroughPIaygroundIvIainFormbLttonI Click(Object sender. Eventkgse)inc 
Xl_lseÆNbrtubbXSourceXRepos Passthrough2 OXPassthroughPIayground 
SecurePassthroughPIaygroundXMainForm cs:line 45 

Finally, if everything worked properly you will be logged in to the portal. This will be shown in the 4th section. This means everything works from a Passthrough perspective, but before claiming success double check that all claims information were properly assigned to the customer (in the Service Desk).

Machine generated alternative text:
https://demoparature comics/support/myhistory asp Idept 0—45014 
My History 
Welcome Parature (parature tester@parature_com)_ Below is a summary of your most recent customer service requests. 
Most Recent Ticket 
• Know your Ticket Number? Enter it here: 45014 
Search 
All Tickets Submit a Ticket I 
Summary Status 
Last Updated 
Ticket 
Date Created 
45014-1005 Dec 92 2014 12:31 PM EST testsum open Dec 92 2014 12:31 PM EST 