

VSU – Technology Services

Multi-Factor Authentication VPN RSA SecurID Software Application, Software Token, PIN and Pulse Secure Configuration Instructions for Mac OS X

	Agency / Department	Filename:	Version:	Created Date:	Revised Date:	Created By:
	Virginia State University – IT Governance and Risk Management	VSU_Multi_Factor_Authentication_RSA_Soft_Token_For_Mac_OS_X_Instructions_2019.pptx	2.0	03/26/2019	09/25/2019	Christian A. Holloway

IT GOVERNANCE AND RISK MANAGEMENT Instructions on the process/procedure for installing the RSA SecurID Software Token Client 4.2.1 for Mac OS X application to your desktop, receiving your software token from the system administrator and PIN creation for Pulse Secure VPN usage.

RSA Software Token

1. Install RSA SecurID Software Token 4.2.1 for Mac OS X client application (*System Admin Needed*). Send Requests to VSU Technology Services for multi-factor RSA soft token (token serial number) and registration.
2. Import RSA software token from SDTID file that is sent to you by ZIP file from the system administrator.
3. RSA software PIN creation at the RSA Secure Console.
4. Test PIN & RSA SecurID Soft Token.
5. Check Pulse Secure version and add URL Connection information.



STOP - Read the Following:
Congratulations!!

Your software token has been assigned. You will need to complete the following steps in order to use RSA SecurID with Pulse Secure.

Step 1: RSA SecurID Client Application Download

The RSA SecurID Client application must be downloaded and installed on your system. The Mac OS X system will use the RSA version 4.2.1 client located here:

<https://community.rsa.com/docs/DOC-62004>

Follow the instructions in the slides provided to accomplish this task. You will need to have a VSU System Administrator (technical support) on site when completing the installation for elevated rights. Please view all slides prior to executing instructions.

Step 2: Import Software Token for RSA SecurID Client

This section will guide you through the process of importing your software token, from the ZIP file provided to you by the VSU RSA system administrator, sent to you by email. Check with the system administrator, to determine that your software token has a generic profile. The generic profile will allow you to install the software token on any platform (Windows, Mac, Android, iOS, etc.). Please follow the instructions provided in the slides to accomplish the import. Please view all slides prior to executing instructions.

Step 3: Create Your Software Token PIN

To set your PIN, go to the VSU RSA Self-Service Console (<https://rsaweb.vsu.edu>) and login with your Active Directory username (standard user, not elevated). When prompted for Authentication Method, select 'Password'. Depending on the browser you are using, you may see a notice that 'There is a problem with this website's security certificate' or 'Your connection is not secure'. In this case, select the 'Continue to this website' or 'Advanced' option. If prompted, add an exception for the site's security certificate. Next, use the link to 'Create PIN' or 'Change PIN'. Set a 4-8 digit PIN. You will receive confirmation that your PIN has been set successfully.

Step 4: Test PIN and RSA SecurID Client Soft Token

Next return to the Self-Service Console and then select 'test' link. To test your token, enter your username in the 'User ID' field. In the 'Passcode' field, first type your **PIN** followed by the **6-digit code displayed in the Tokencode screen of the RSA SecurID Client application** (for example, if your PIN is 1234 and your Tokencode displays 753164, your Passcode would be '1234753164'). Next, click the Test button. You should see a success screen. If the test fails, wait for the next token code and try again. If the test still fails, please contact the system administrator.

Step 5: Pulse Secure VPN Configuration

To use your token to authenticate to the Pulse Secure VPN, you will need to 'add' a new connection entry in the Pulse Secure Client. The 'Name' will be **VSU VPN RSA** and the 'Server URL' for the new connection should be: <https://secure.vsu.edu/secuid-rsa>

Step 1: Installing RSA SecurID Software Token for MAC OS X (You will need Your Local VSU System ADMINISTRATOR available for installation rights of this software application)

Select the above URL, which should open RSA SecurID Website

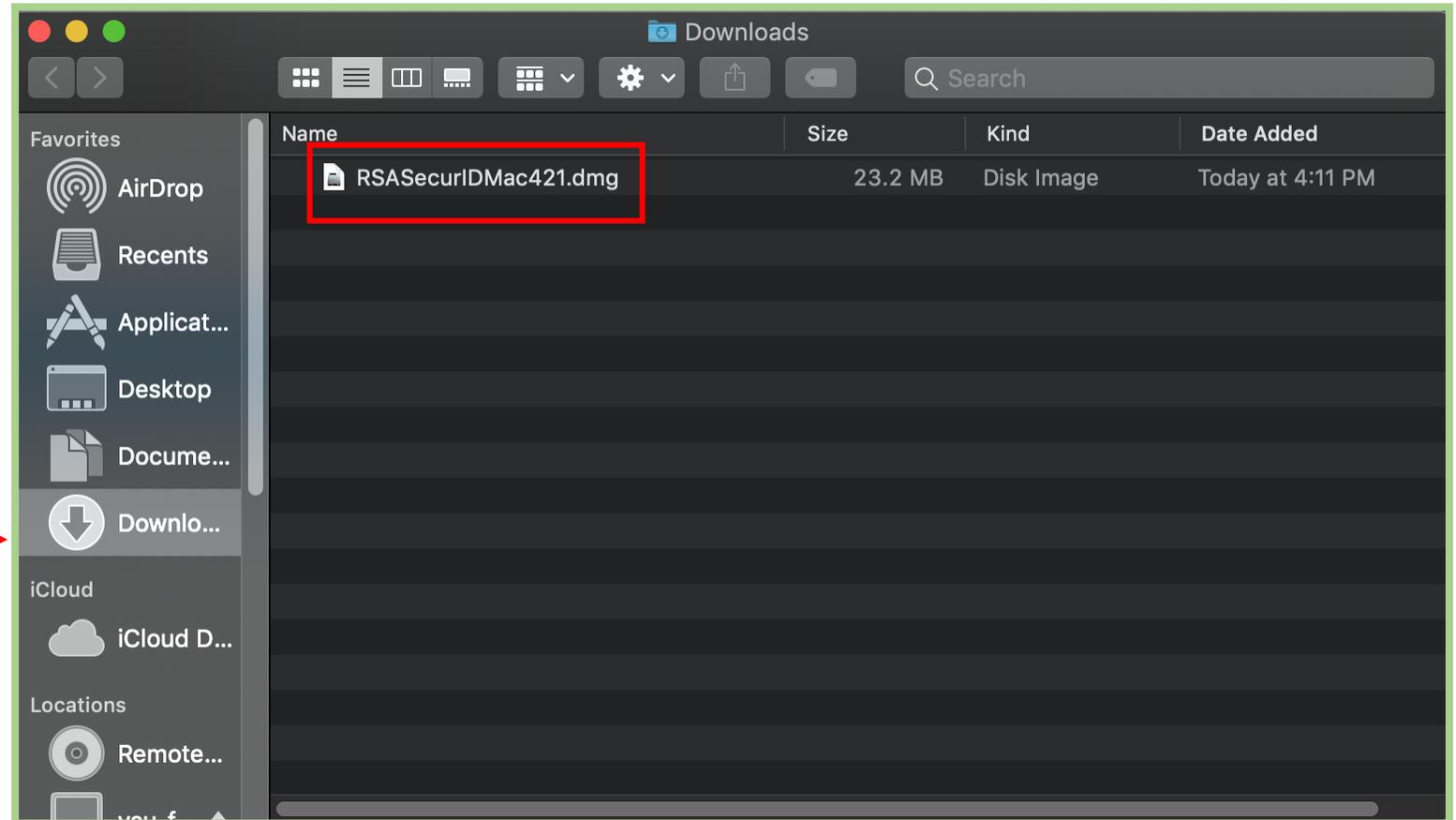
1. Under Release Download: Select the RSA SecurID Software Token 4.2.1 for Mac OS X
2. Complete the instructions in the following slides for the download an installation of the software

The screenshot shows the RSA Link website interface. At the top, there is a navigation bar with 'Home', 'My Cases', 'Products', 'Support', 'RSA Ready', and 'RSA University'. A search icon and 'Log in' are on the right. Below the navigation is a breadcrumb trail: 'All Places > Products > RSA SecurID Access > RSA SecurID Software Token for Mac OS X > Documents'. The main content area features a document titled 'RSA SecurID Software Token 4.2.1 for Mac OS X Downloads'. Below the title, it says 'Document created by RSA Link Team on Nov 3, 2016 • Last modified by Andrea Taylor on Dec 13, 2018' and 'Version 9'. A blue bar labeled 'Release Download' is highlighted with a red box containing the number '1'. Below this bar, there are two links: 'RSA SecurID Software Token 4.2.1 for Mac OS X Downloads' and 'Release Notes'. The SHA256 hash is also visible: 'SHA256: e3d796f263cbdbc4a6c870931e469c64e8c8ffb14aa8ae68b4036cee0eeb0c04'.

RSA SecurID Software Token 4.2.1 for Mac OS X

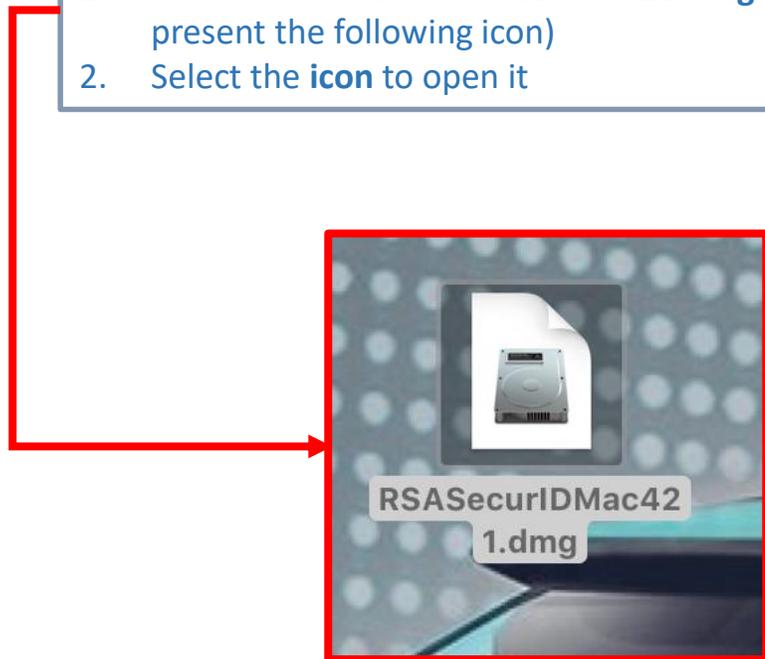
Release Download

1. File will automatically download into the "Downloads" area
2. Select the file:
RSASecurIDMac421.dmg
(Compressed (zipped) Folder)



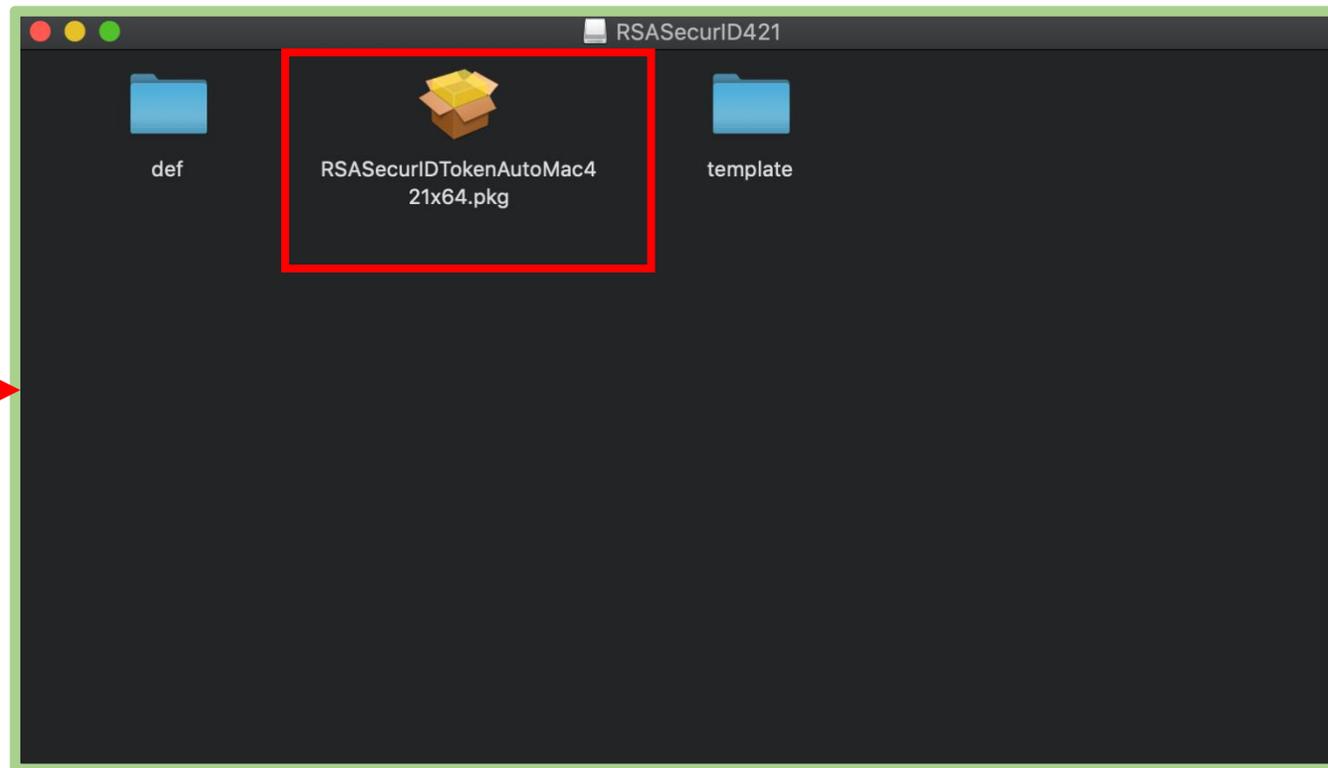
RSA SecurID Software Token 4.2.1 for Mac OS X

1. Select the file: **RSASecurIDMac421.dmg** (The Unzipped file should present the following icon)
2. Select the **icon** to open it



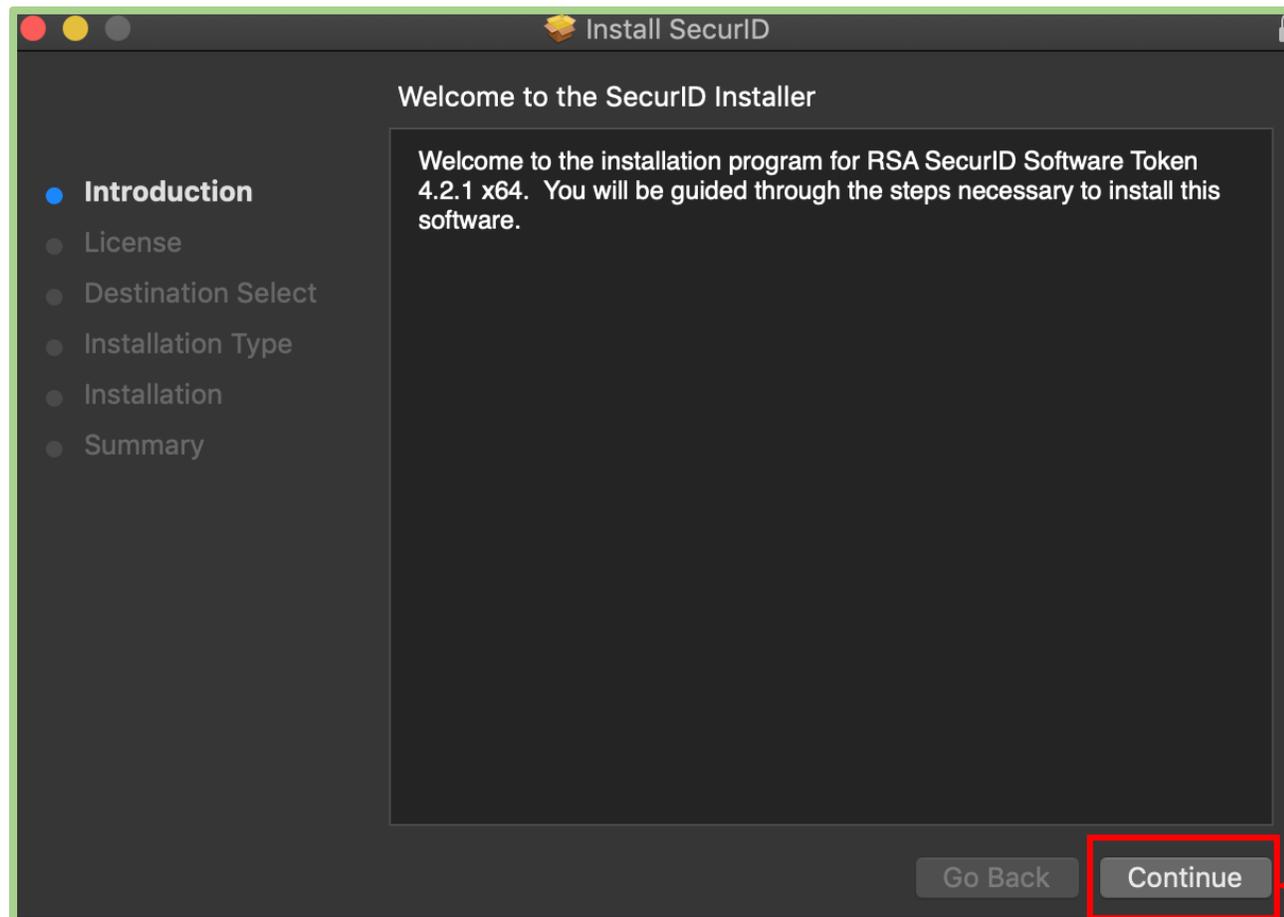
RSA SecurID Software Token 4.2.1 for Mac OS X

1. Select the icon file: **RSASecurIDTokenAutoMac421x64.pkg**
2. Select the **icon** to open it

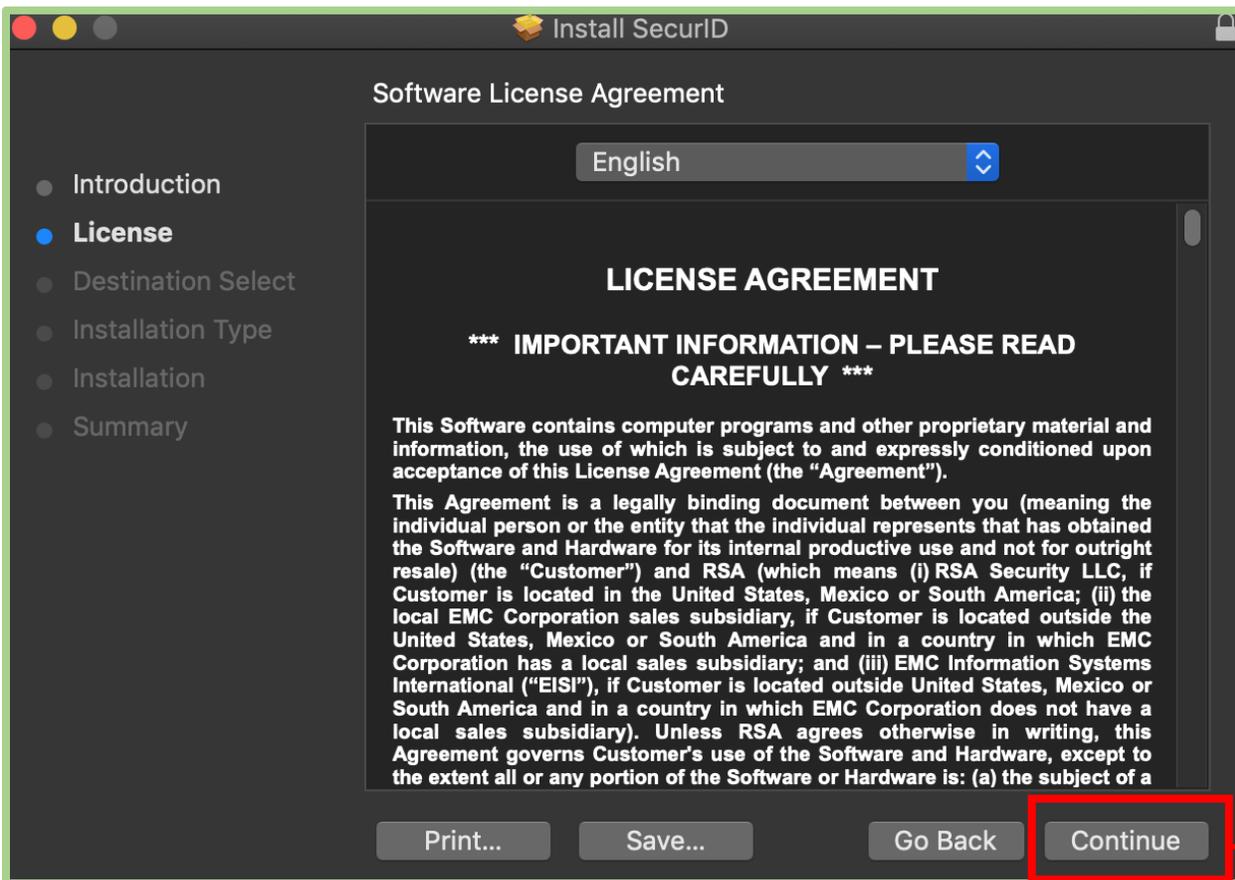


RSA Install SecurID Software Token – Mac OS X Setup Wizard

1. Introduction
2. Select “Continue”



- RSA Install SecurID Software Token – Mac OS X Setup Wizard**
1. License
 2. Select "Continue"



RSA Install SecurID Software Token – Mac OS X Setup Wizard

1. Select "Agree"

To continue installing the software you must agree to the terms of the software license agreement.

Click Agree to continue or click Disagree to cancel the installation and quit the Installer.

Read License

Disagree

Agree

RSA Install SecurID Software Token – Mac OS X Setup Wizard

Installation Type

1. Select “Install”

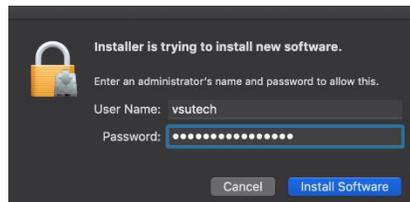
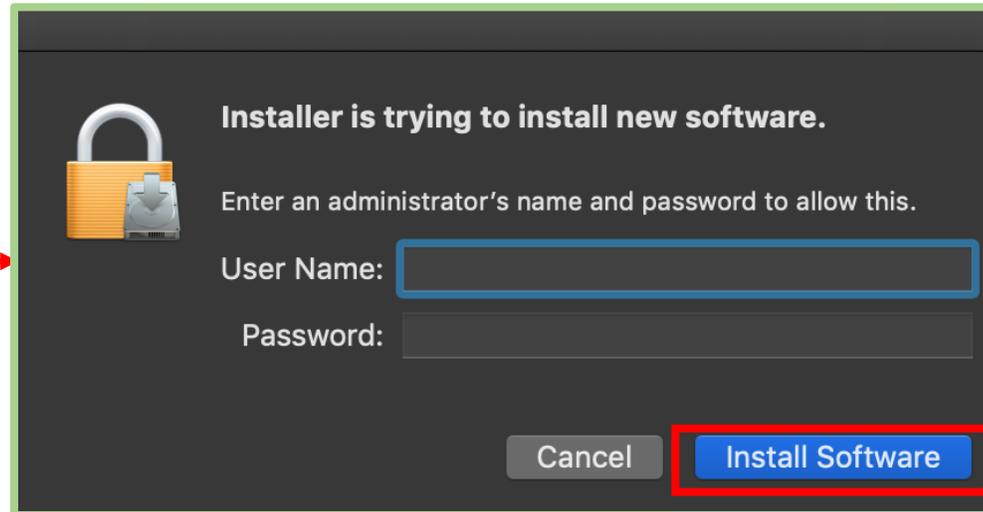


RSA Install SecurID Software Token – Mac OS X Setup Wizard

User Account Control for the RSA Token Download

1. The System Administrator completes this screen
2. User Name:
3. Password:

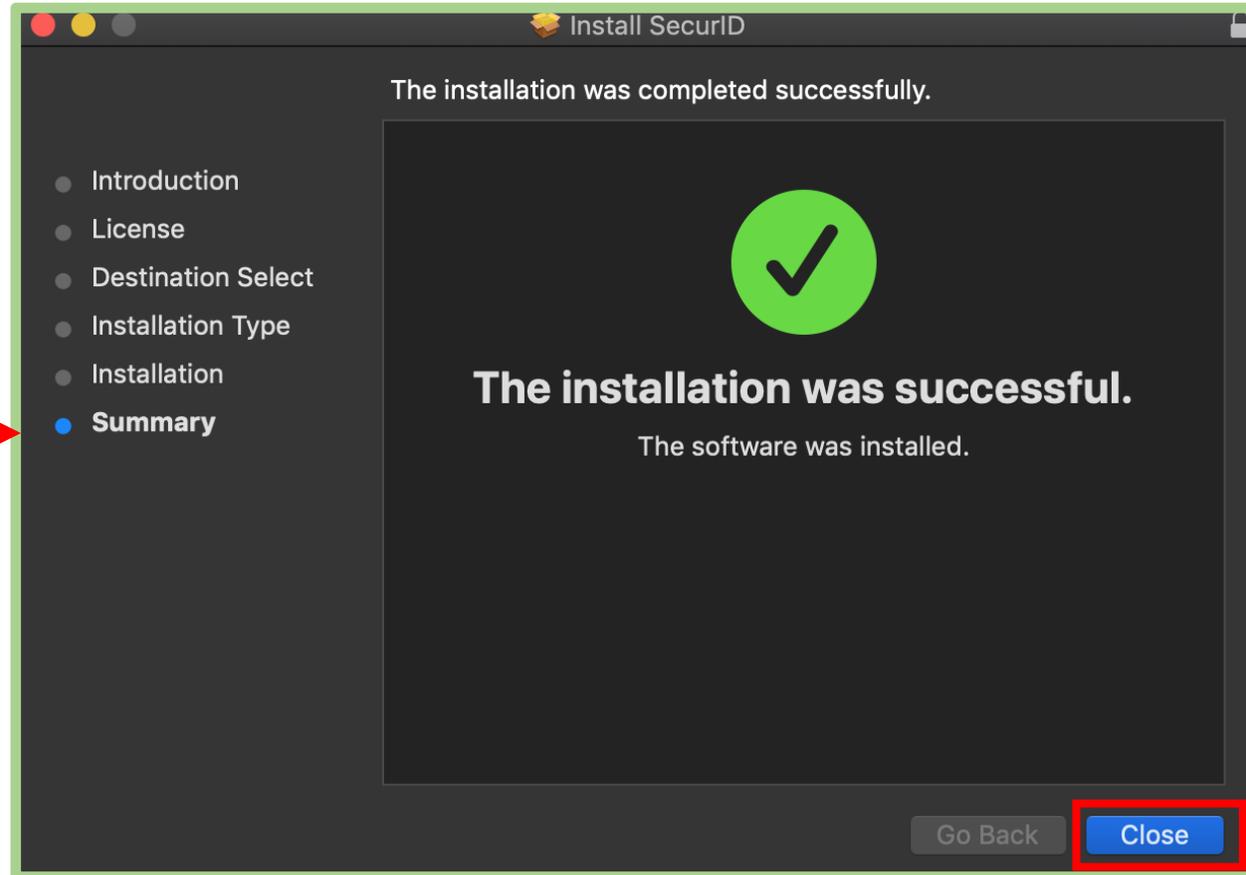
Select “Install Software”



RSA Install SecurID Software Token – Mac OS X Setup Wizard

Summary:
Successful completion will
present.

Select **“Close”**



RSA Import Software Token

Step 2: Import Software Token for RSA SecurID

On your Desk top select the RSA icon:



RSA Import Software Token

Select **“Import from File”**
(Browse to the location where
you downloaded the emailed
ZIP file on your hard drive)

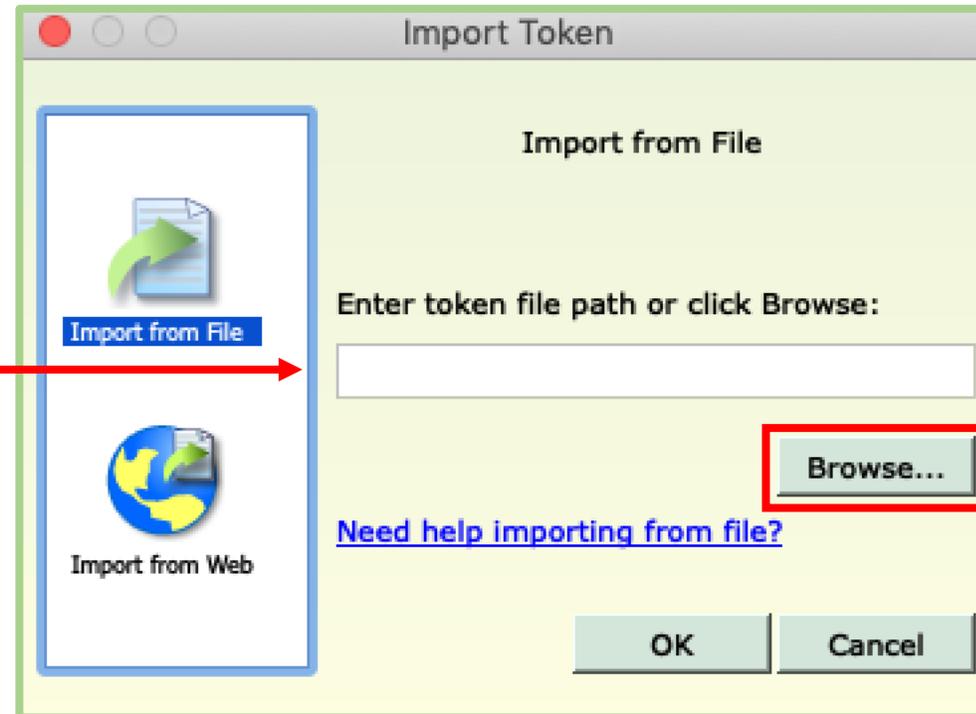


RSA Import Software Token

Enter Token File Path

OR

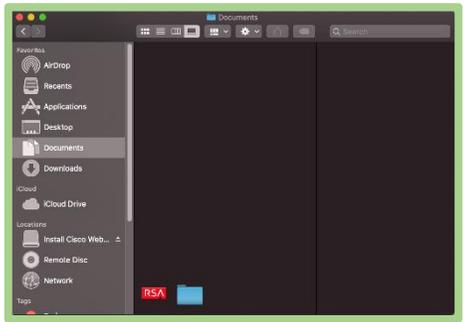
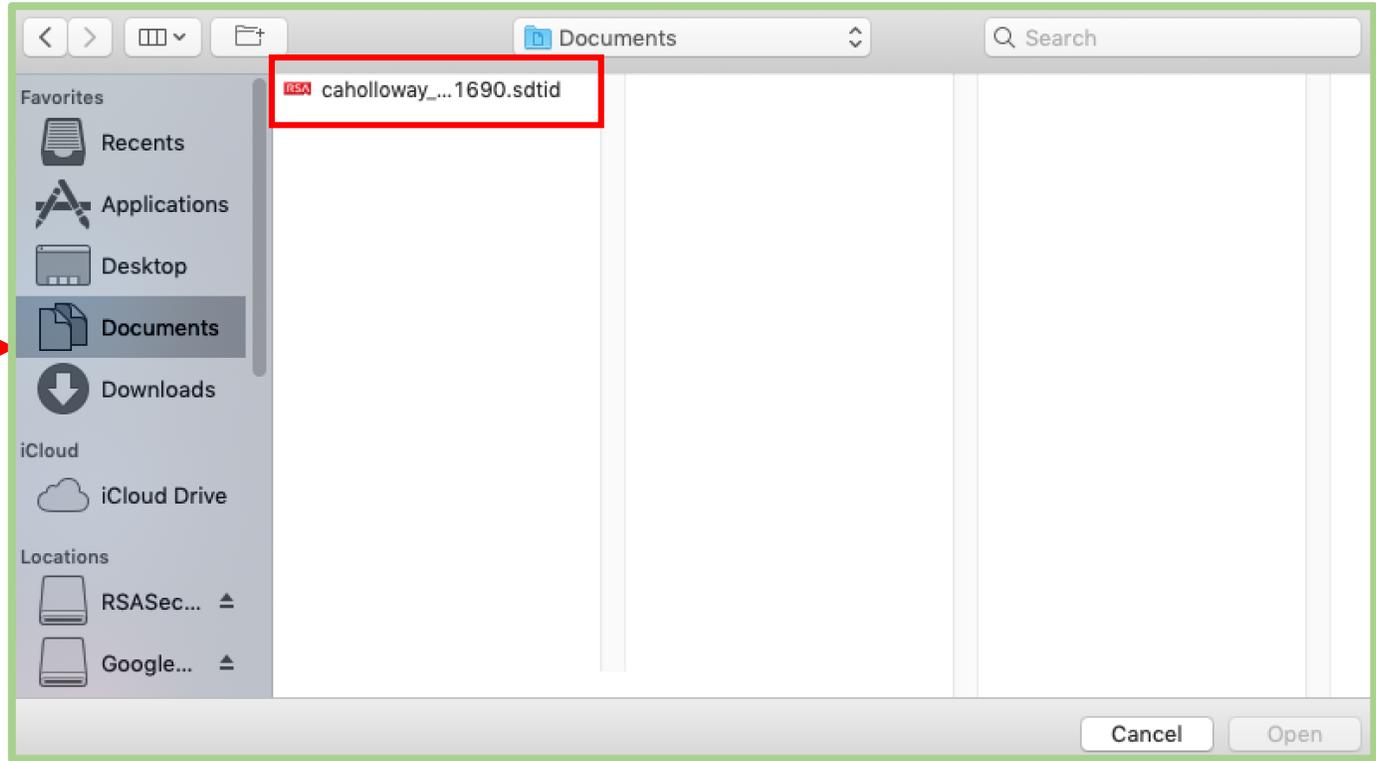
“Browse” to the location where you downloaded the emailed ZIP file on your hard drive



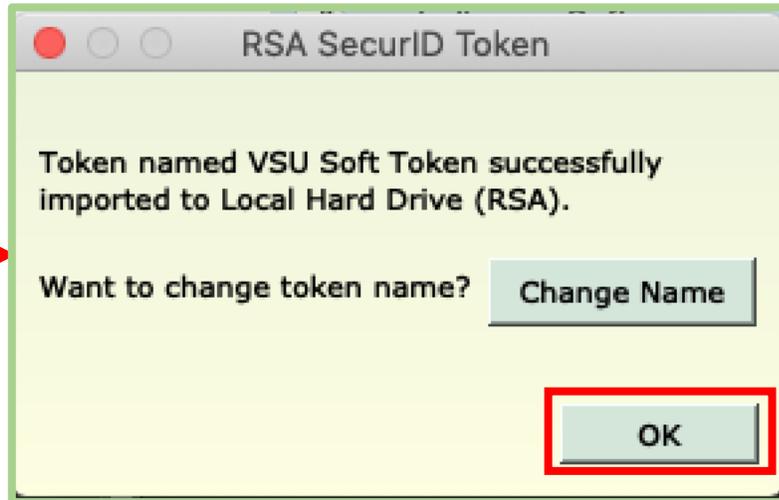
RSA Import Software Token

Example of token file location after un-zipping the ZIP file.
(Where you saved the file may be in a different location. Write down your location.)

Highlight **“RSA (Filename.sdtid)”**
Select **Open**

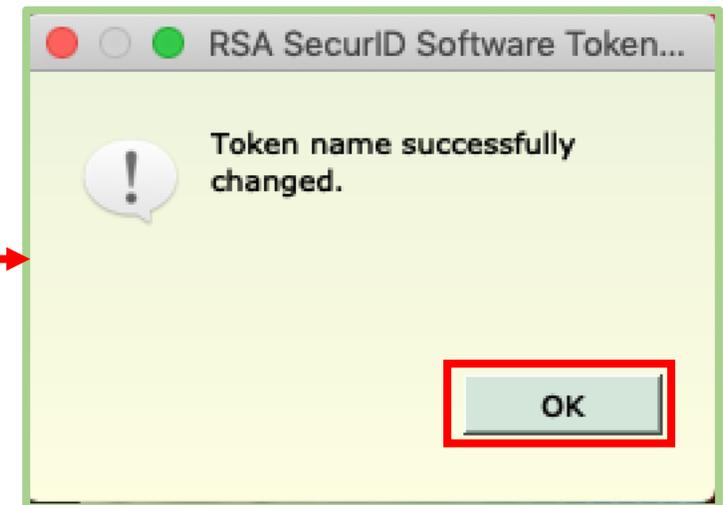


RSA Import Software Token
You may select **Change Name**
(You may change it to VSU RSA Soft Token Mac or use the default name)
Select **“OK”**



RSA Import Software Token

Example of changing the name.
Select "OK"



RSA Import Software Token

The working RSA SecurID
Tokencode screen should
appear as following:



RSA Self-Service Console
Step 3: Create Software Token PIN

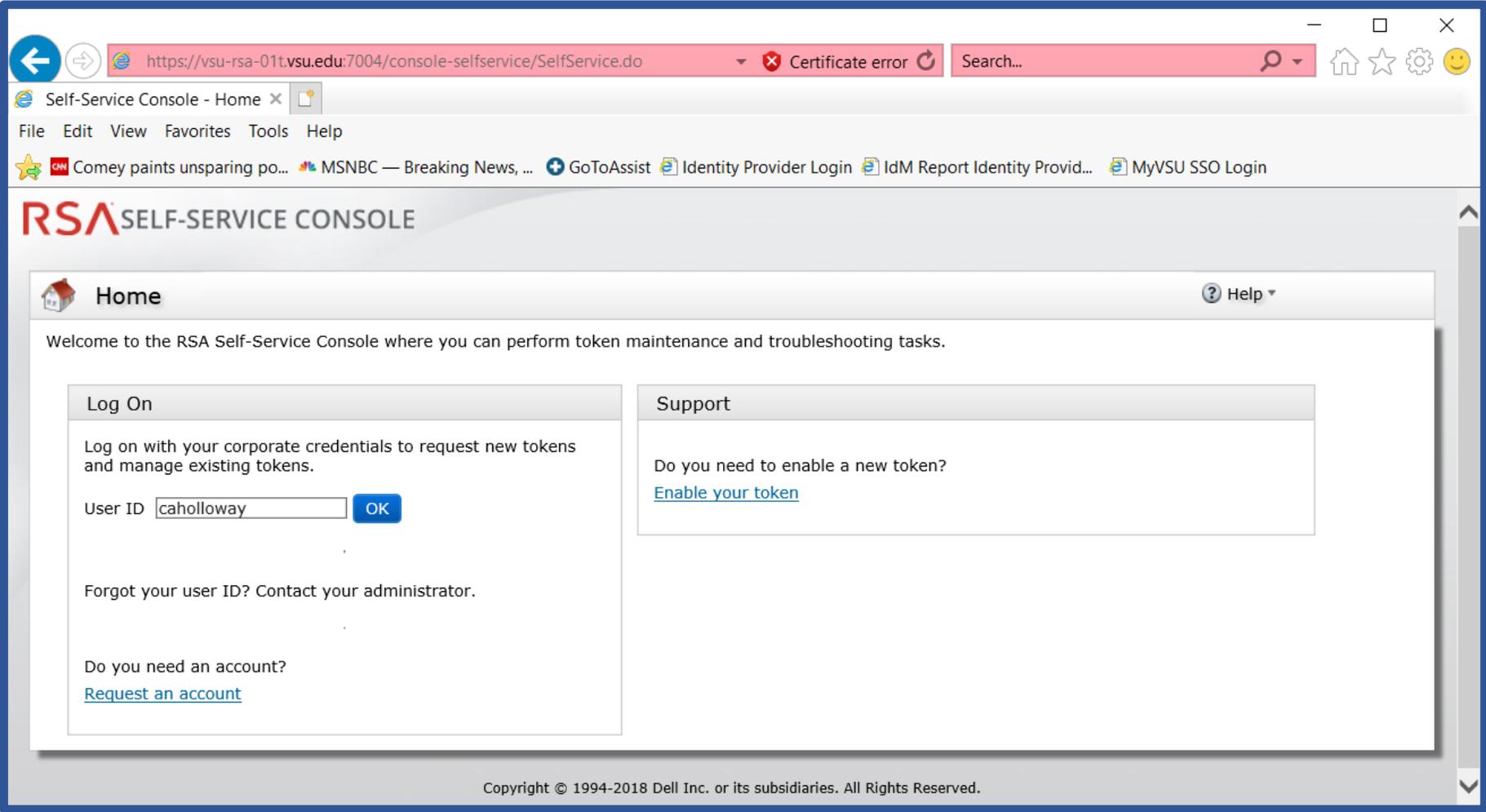
Access to the portal is at
<https://rsaweb.vsu.edu>

Log on screen to portal to the right:

Enter your assigned credentials

Example:
[caholloway](#)

Select **“OK”**

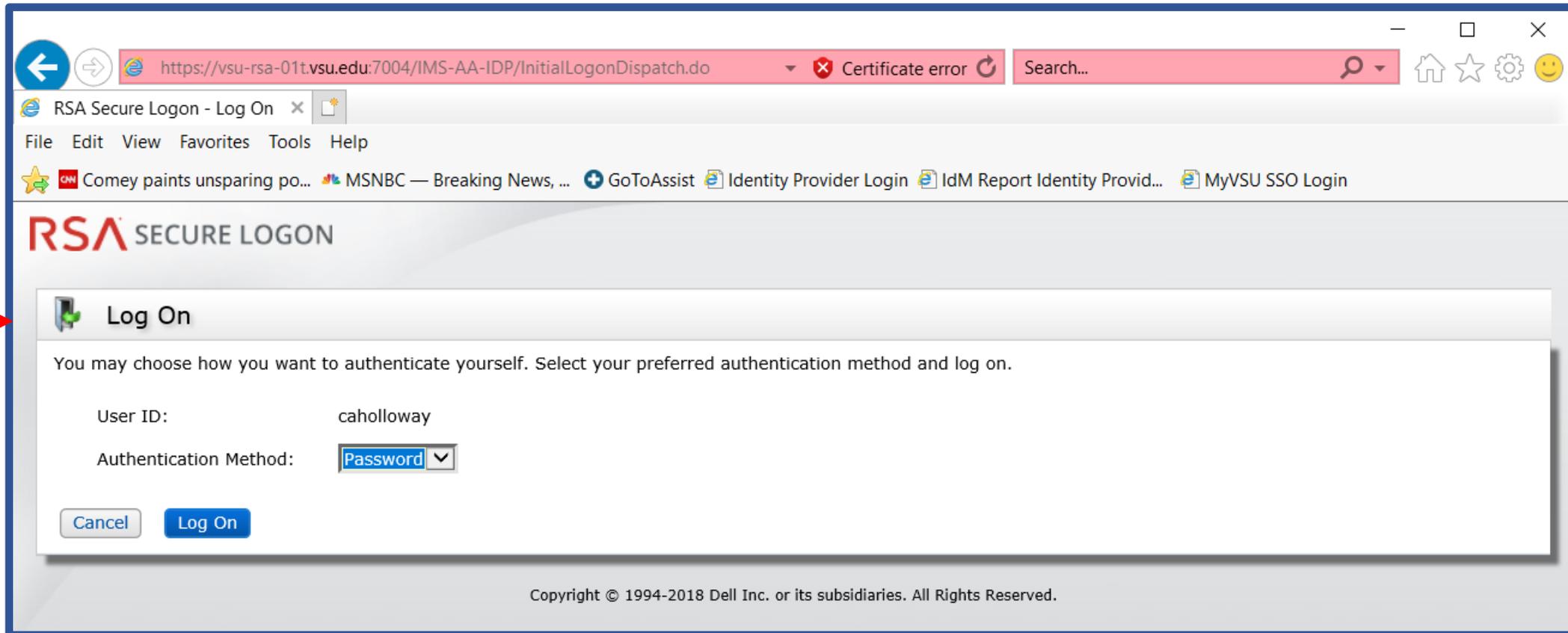


RSA Self-Service Console

Secure Logon

Authentication Method: Select **“Password”** from drop down menu

Select **“Log On”**



https://vsu-rsa-01t.vsu.edu:7004/IMS-AA-IDP/InitialLogonDispatch.do Certificate error Search...

RSA Secure Logon - Log On

File Edit View Favorites Tools Help

Comey paints unsparing po... MSNBC — Breaking News, ... GoToAssist Identity Provider Login IdM Report Identity Provid... MyVSU SSO Login

RSA SECURE LOGON

Log On

You may choose how you want to authenticate yourself. Select your preferred authentication method and log on.

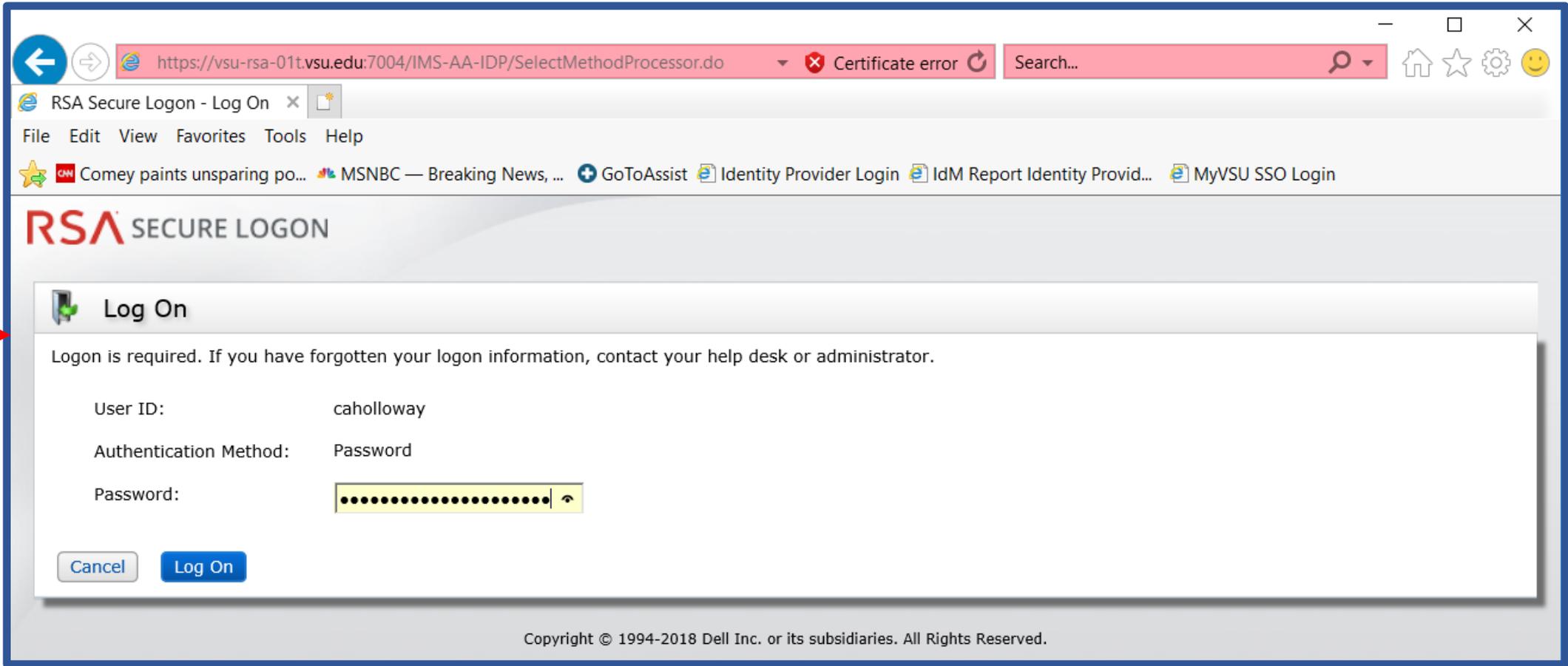
User ID: caholloway

Authentication Method: Password

Cancel Log On

Copyright © 1994-2018 Dell Inc. or its subsidiaries. All Rights Reserved.

RSA Self-Service Console
Secure Logon
Enter your Active Directory Password
Select “Log On”



The screenshot shows a web browser window with the URL `https://vsu-rsa-01t.vsu.edu:7004/IMS-AA-IDP/SelectMethodProcessor.do`. The browser displays a "Certificate error" warning. The page title is "RSA Secure Logon - Log On". The main content area features the "RSA SECURE LOGON" logo and a "Log On" section. A message states: "Logon is required. If you have forgotten your logon information, contact your help desk or administrator." Below this, the user ID is "caholloway" and the authentication method is "Password". The password field is masked with dots and has a visibility toggle icon. At the bottom of the form are "Cancel" and "Log On" buttons. The footer contains the text: "Copyright © 1994-2018 Dell Inc. or its subsidiaries. All Rights Reserved."

**RSA Self-Service Console
My Account**

Your soft token serial number will have been assigned. If not assigned, please contact the administrator.

Select "Create PIN"



https://vsu-rsa-01t.vsu.edu:7004/console-selfservice/ExistingUser/Links.do?com

Self-Service Console - My Account

File Edit View Favorites Tools Help

Comey paints unsparing ... MSNBC — Breaking News... GoToAssist Identity Provider Login IdM Report Identity Provi... MyVSU SSO Login

RSA SELF-SERVICE CONSOLE Logged on as: **caholloway** | [Log Off](#)

My Account Help

This page allows you to view your user profile and manage your authenticators. Certain edits to your account require administrator approval. You can also use this page to request authenticators and user group membership, and [view your request history](#).

Notes

You have not answered security questions that are used for emergency authentication. To answer them, click **set up** in the My Authenticators section. The PIN for your VSU_Software_Token token needs to be created. To create a PIN, click **create PIN** in the My Authenticators > Tokens > VSU_Software_Token section.

My Authenticators

Tokens - [view SecurID token demo](#)

VSU_Software_Token	View details, test, troubleshoot
Token Serial Number:	000000000025
PIN:	none Create PIN
Expires On:	Jul 28, 2019 12:00:00 PM EDT request replacement

On-Demand Authentication

Security Questions - [set up](#)

Not configured
Please set up your security questions and answers

My Profile

Personal Information

First Name:	Christian
Middle Name:	A
Last Name:	Holloway
User ID:	caholloway
E-mail:	caholloway@vsu.edu
Certificate DN:	
Account Creation Date:	Mar 20, 2019 4:47:00 PM EDT
Mobile Number:	

Copyright © 1994-2018 Dell Inc. or its subsidiaries. All Rights Reserved.

RSA Self-Service Console

Create New PIN

(4-8 alpha or numeric or combined alpha/numeric)

Complete the following steps marked required *:

Select "Save"

RSA SELF-SERVICE CONSOLE

 Create PIN

* Required Field

Create PIN

Enter and confirm your new PIN. Remember this PIN. It is required during each logon.

Create New PIN: *

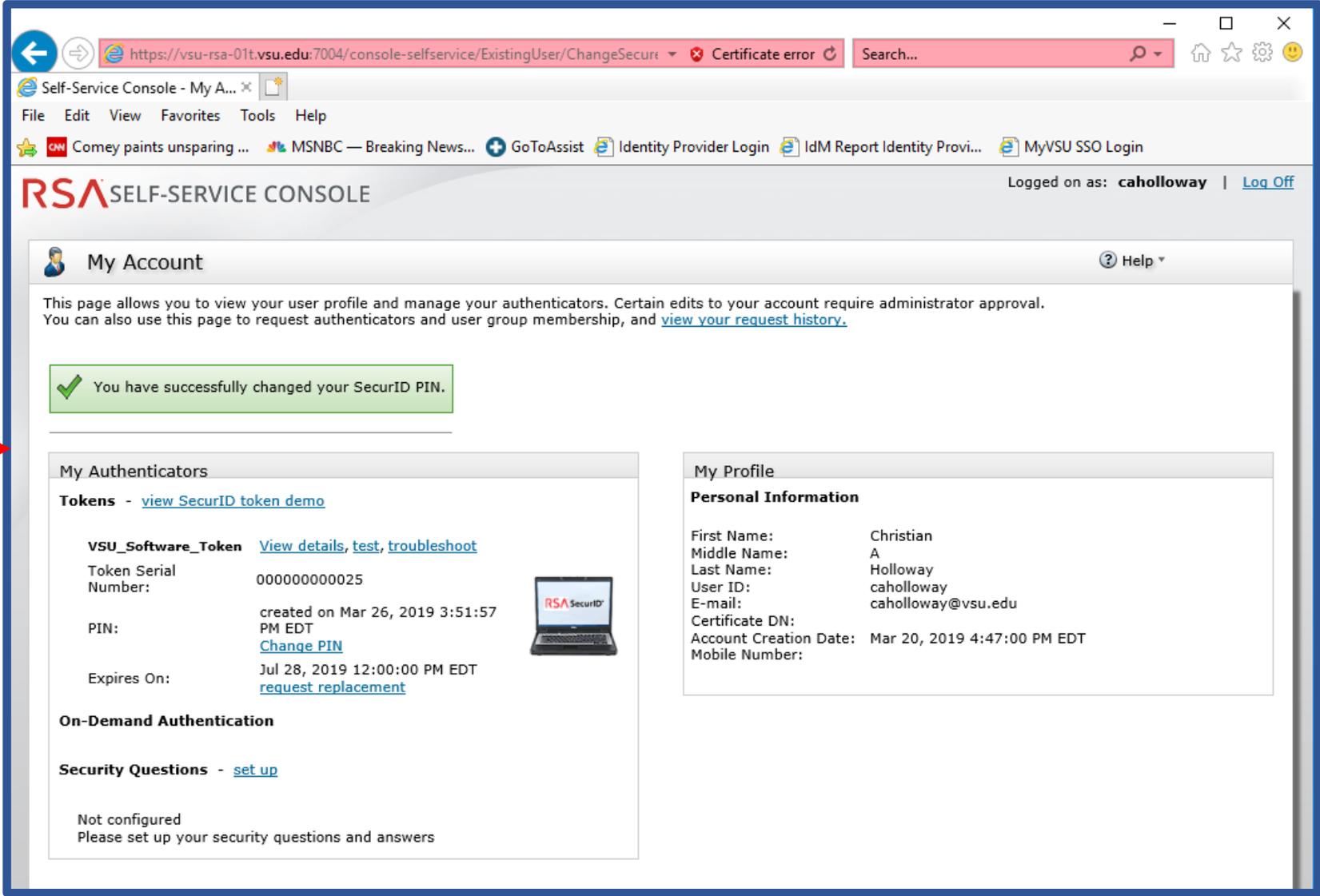
Your PIN must be between 4 and 8 characters long

Confirm New PIN: *

Copyright © 1994-2018 Dell Inc. or its subsidiaries. All Rights Reserved.

RSA Self-Service Console

Upon completion of creating your new PIN, you will receive the following confirmation screen.

The screenshot shows a web browser window with the URL `https://vsu-rsa-01t.vsu.edu:7004/console-selfservice/ExistingUser/ChangeSecure`. The page title is "Self-Service Console - My Account". The user is logged in as "caholloway".

My Account

This page allows you to view your user profile and manage your authenticators. Certain edits to your account require administrator approval. You can also use this page to request authenticators and user group membership, and [view your request history](#).

Confirmation Message: You have successfully changed your SecurID PIN.

My Authenticators

Tokens - [view SecurID token demo](#)

VSU_Software_Token	View details, test, troubleshoot
Token Serial Number:	000000000025
PIN:	created on Mar 26, 2019 3:51:57 PM EDT Change PIN
Expires On:	Jul 28, 2019 12:00:00 PM EDT request replacement

On-Demand Authentication

Security Questions - [set up](#)

Not configured
Please set up your security questions and answers

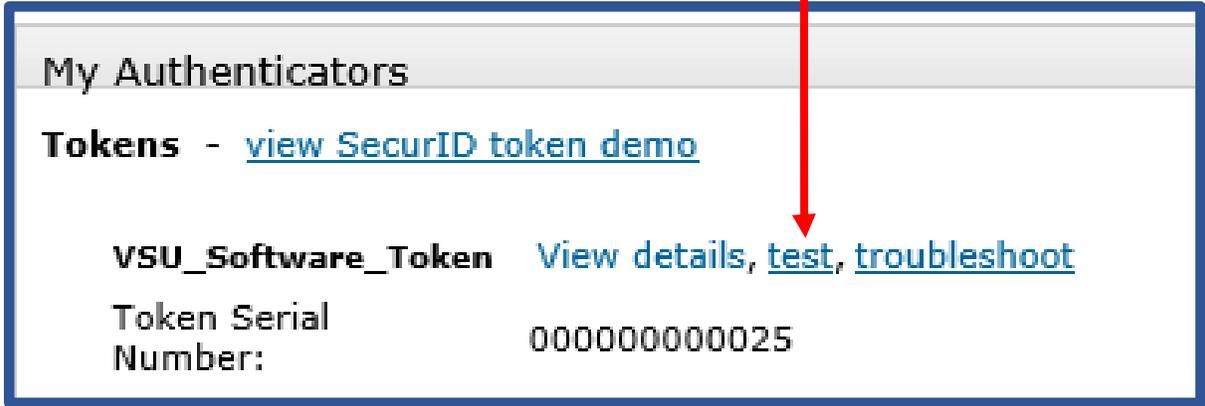
My Profile

Personal Information

First Name:	Christian
Middle Name:	A
Last Name:	Holloway
User ID:	caholloway
E-mail:	caholloway@vsu.edu
Certificate DN:	
Account Creation Date:	Mar 20, 2019 4:47:00 PM EDT
Mobile Number:	

RSA Self-Service Console
Step 4: Test Your PIN & Tokencode/RSA SecurID

Select “test”



My Authenticators

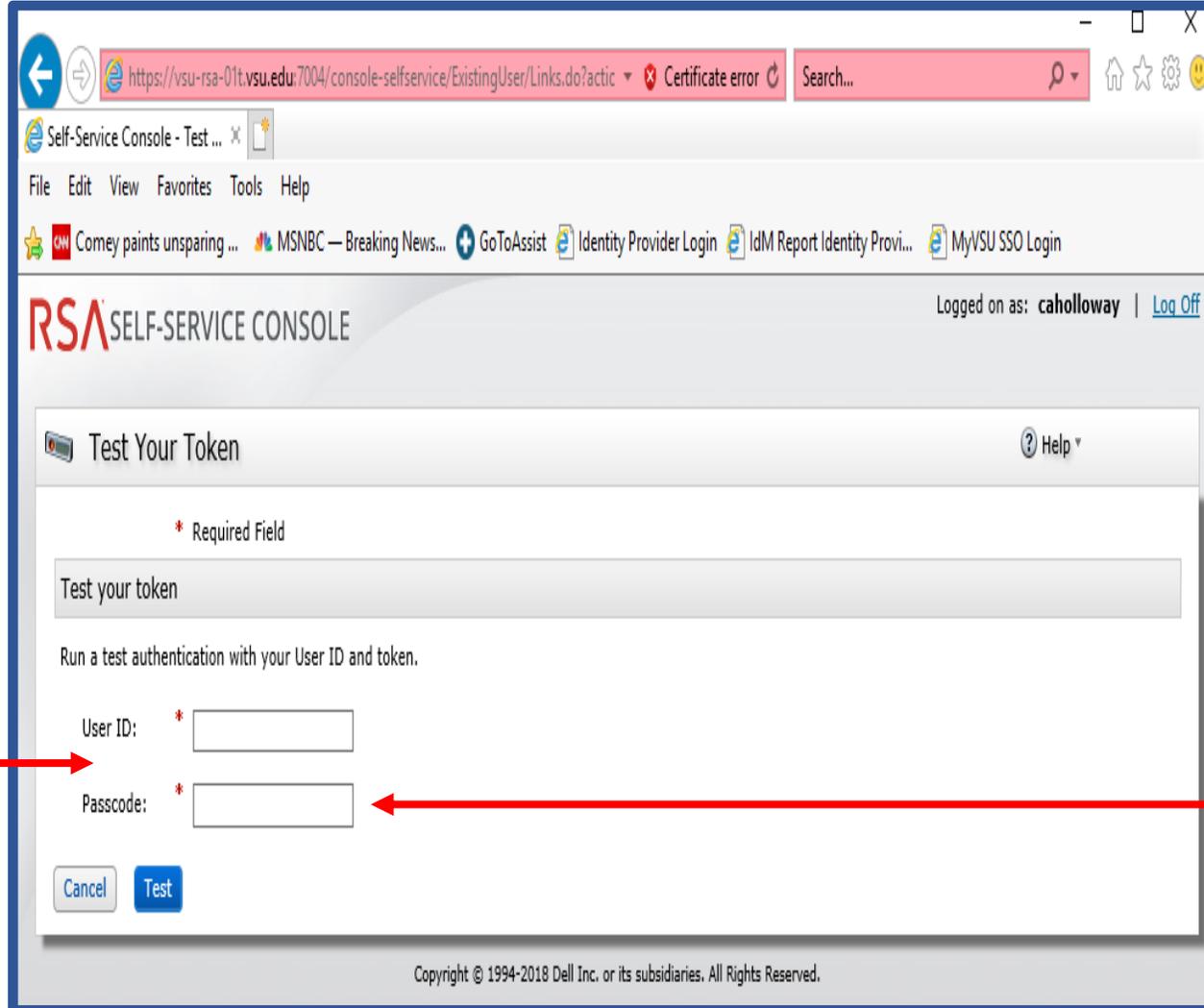
Tokens - [view SecurID token demo](#)

VSU_Software_Token	View details, test, troubleshoot
Token Serial Number:	000000000025

RSA Self-Service Console Test Your PIN & Tokencode/RSA SecurID

Enter Your **“User ID”**:
(*ex: caholloway*)

Enter **PIN** and the
Tokencode from Your **RSA
SecurID** in the **“Passcode”**
field with with no spaces.



https://vsu-rsa-01t.vsu.edu:7004/console-selfservice/ExistingUser/Links.do?active Certificate error Search...

Self-Service Console - Test ...

File Edit View Favorites Tools Help

CW Comey paints unsparing ... MSNBC— Breaking News... GoToAssist Identity Provider Login IdM Report Identity Provi... MyVSU SSO Login

RSA SELF-SERVICE CONSOLE Logged on as: **caholloway** | [Log Off](#)

Test Your Token Help

* Required Field

Test your token

Run a test authentication with your User ID and token.

User ID: *

Passcode: *

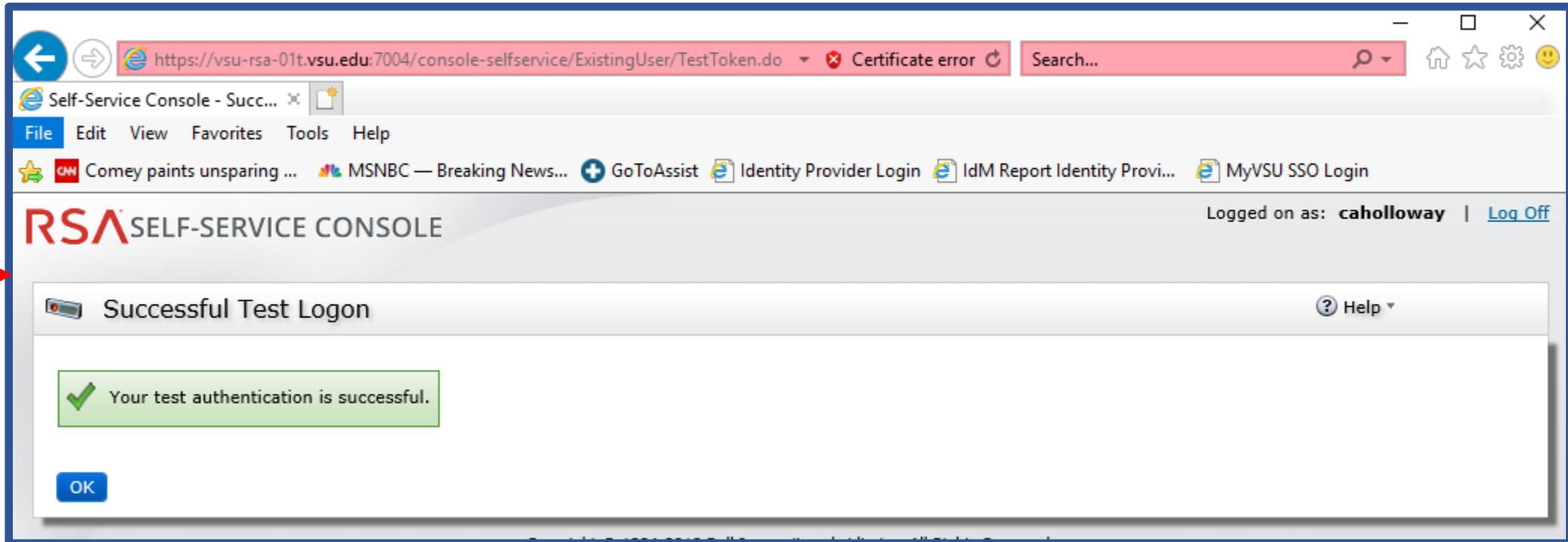
Cancel Test

Copyright © 1994-2018 Dell Inc. or its subsidiaries. All Rights Reserved.



RSA Self-Service Console

Successful Test will display the following screen:
Select "OK"

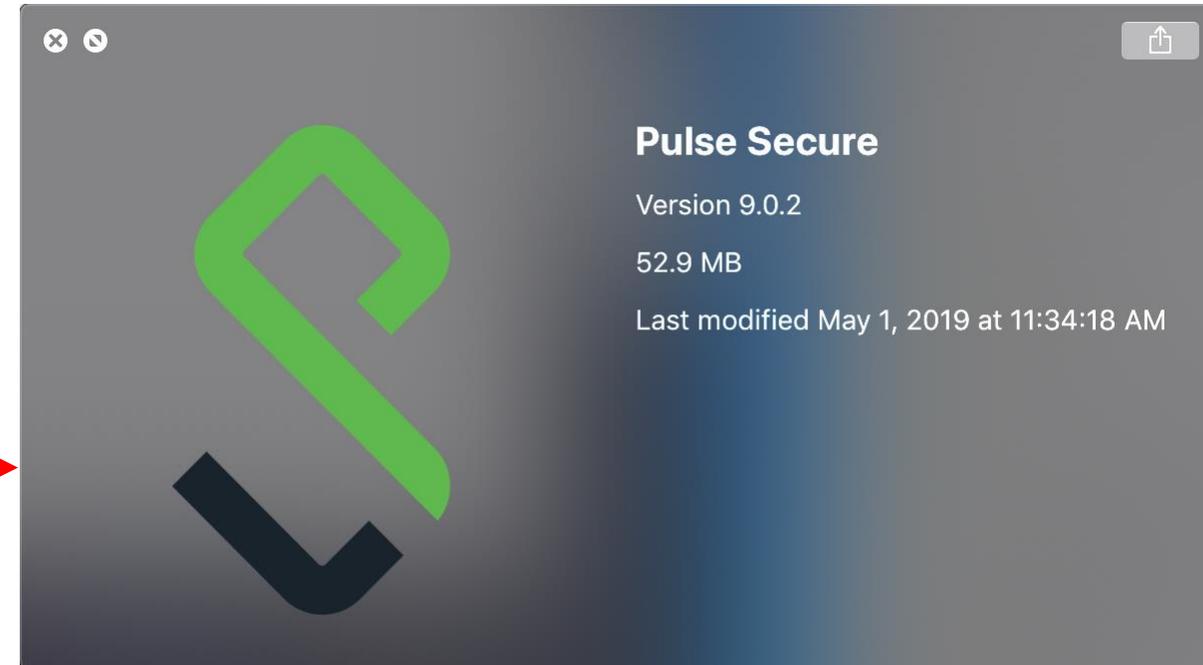
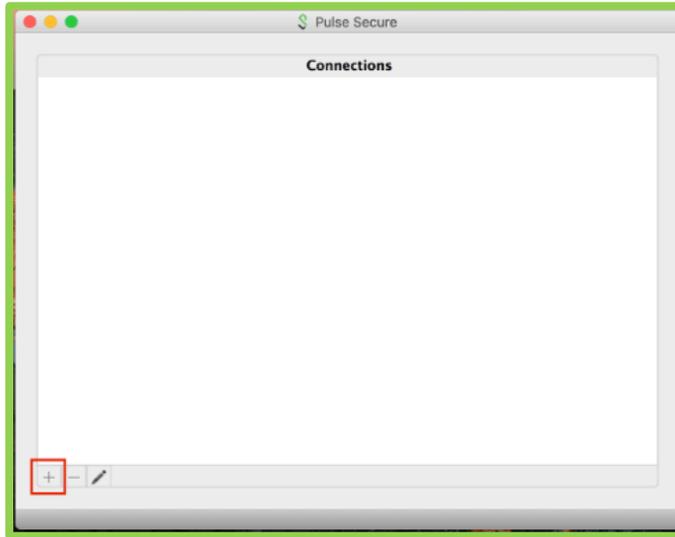


Pulse Secure Client Step 5: VPN Software Configuration

VPN Software
Select the Pulse Secure
Client Icon on your desktop:



Right Click on the icon and
Check under **Quick Look**
“Pulse Secure”
to make sure your version
installed is 9.0.2 or later.

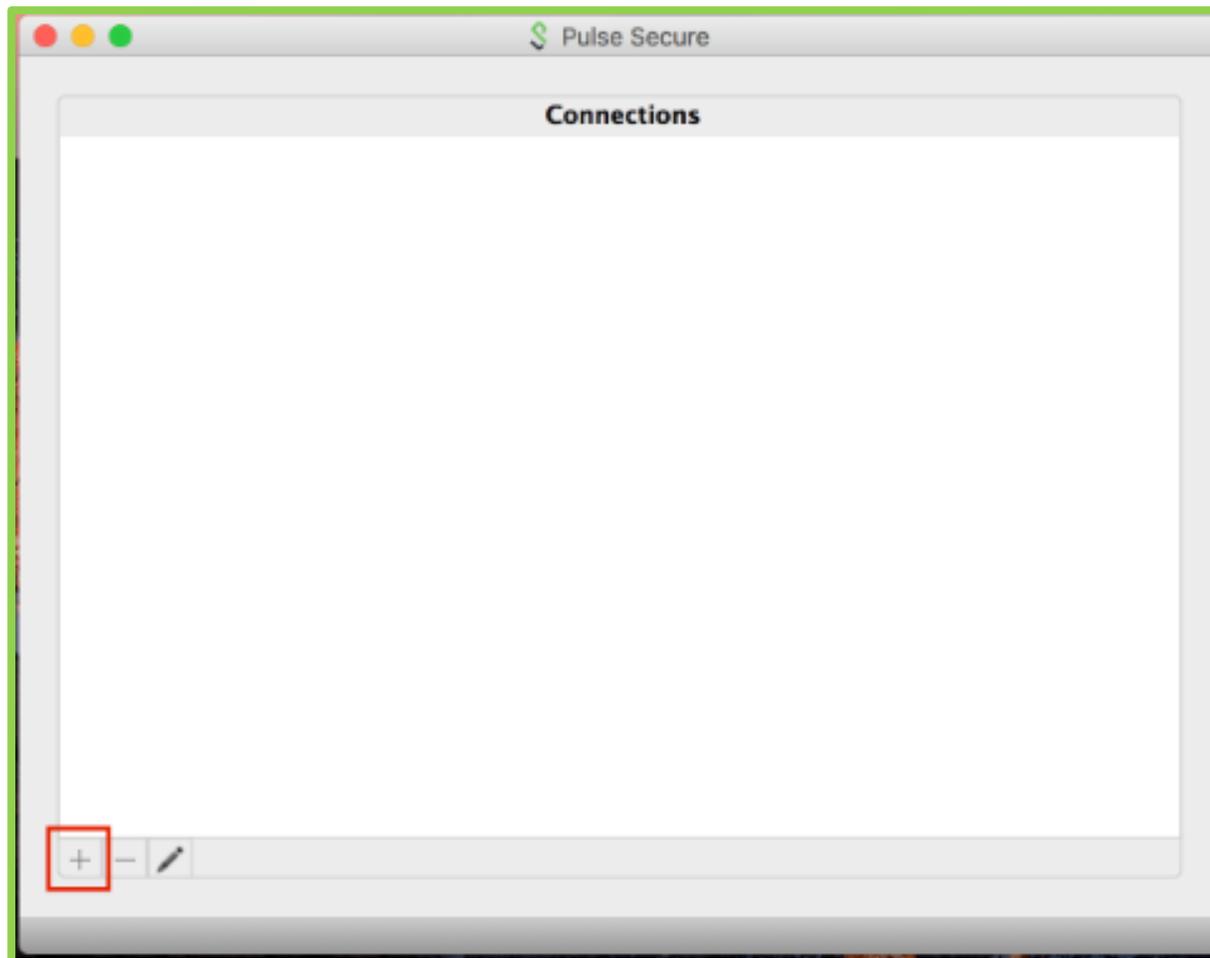


Pulse Secure Client Add Connection

Launch Pulse Secure using the icon



Select the “+”



**Pulse Secure Client
Add Connection**

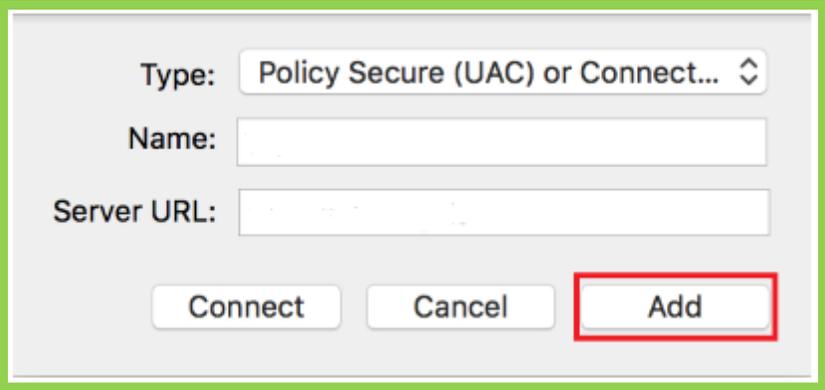
Enter Name:
VSU VPN RSA

Enter the Server URL
information to the
following.

Server URL:

<https://secure.vsu.edu/secureid-rsa>

Select "Add"



The screenshot shows a dialog box for adding a connection. It has a light gray background and a green border. At the top, there is a dropdown menu labeled 'Type:' with the text 'Policy Secure (UAC) or Connect...' and a small arrow icon. Below this is a text input field labeled 'Name:'. Underneath that is another text input field labeled 'Server URL:'. At the bottom of the dialog, there are three buttons: 'Connect', 'Cancel', and 'Add'. The 'Add' button is highlighted with a red rectangular border.

Pulse Secure Client Add Connection

Enter Name:
VSU VPN RSA

Enter the Server URL
information to the
following.

Server URL:

<https://secure.vsu.edu/secureid-rsa>

Select **“Save”**

Your Pulse Secure
Connections List should
appear as displayed.

New URL:

Type: Policy Secure (UAC) or Connect...
Name: VSU VPN RSA
Server URL: **https://secure.vsu.edu/secureid-rsa**
Connect Cancel Save

Connections

▶ VPN Disconnected	Connect
▶ VSU VPN RSA Disconnected	Connect

New Connection Screen When Using Pulse Secure and RSA SecurID

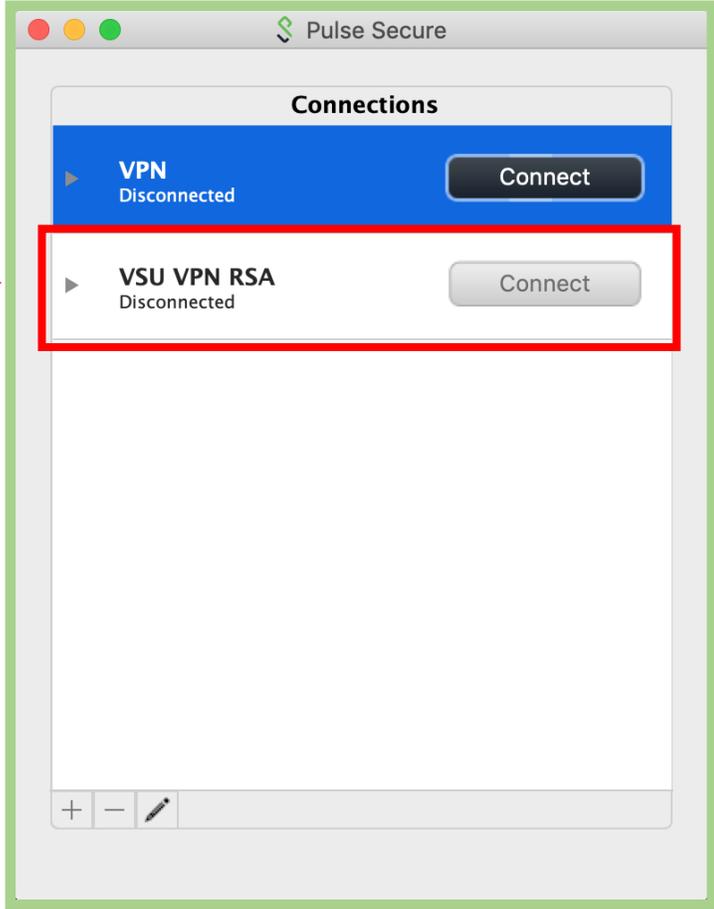
**Pulse Secure Client
VPN Logon**

Select the Pulse Secure Client
Icon on your desktop:



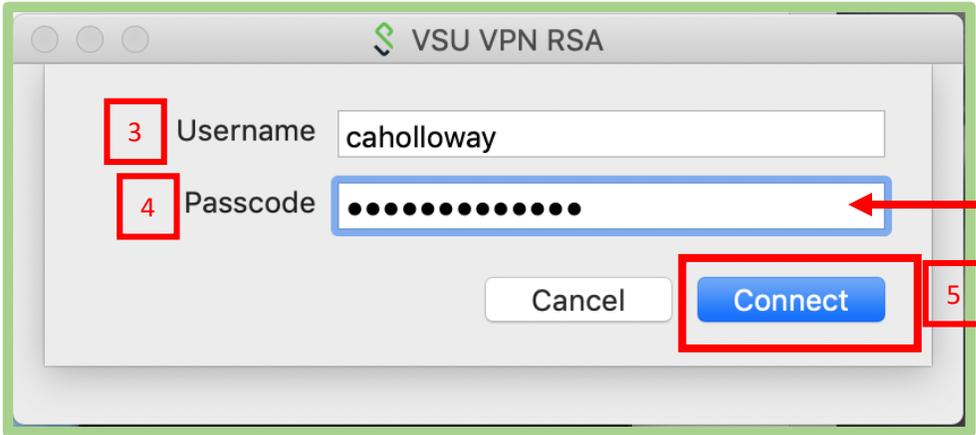
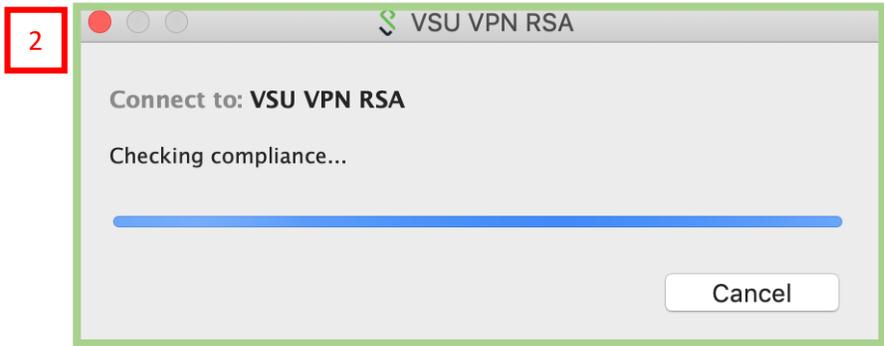
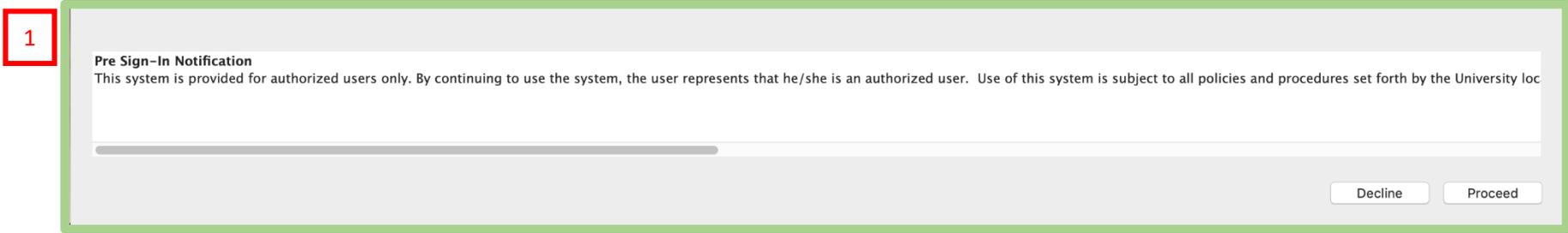
Select VSU VPN RSA "Connect"

Launch RSA SecurID via icon:



Logon Process Using Pulse Secure and PIN + RSA SecurID

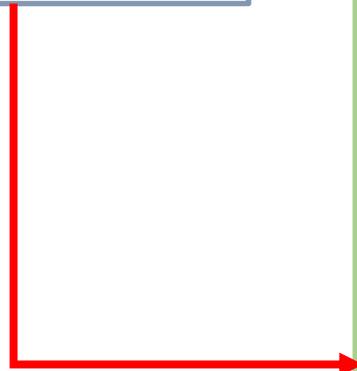
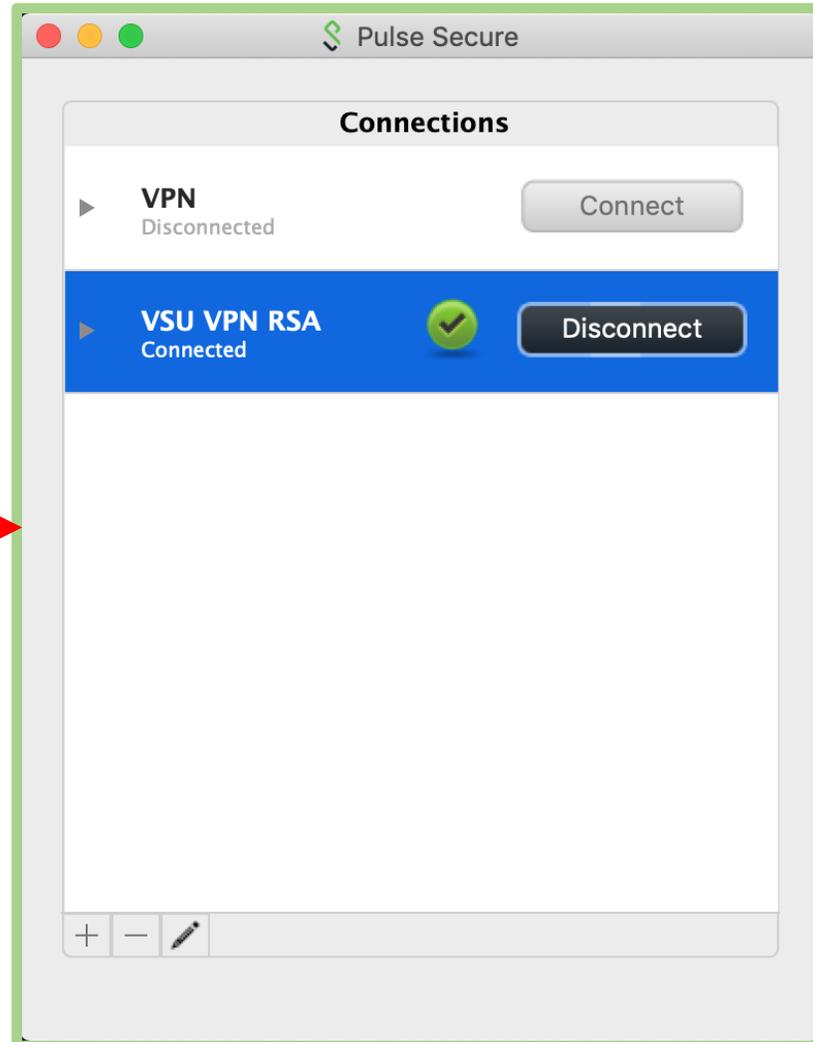
- Pulse Secure Client VPN Logon**
- 1. Pre Sign-In Notification**
Select **“Proceed”**:
 - 2. Compliance Check**
 - 3. Enter “User Name:”**
 - 4. Enter “Please enter your passcode:”**
(Type your **PIN + 6Digit RSA Tokencode** from the RSA SecurID client with no spaces)
 - 5. Select “Connect”**



Pulse Secure Client
VPN Logon

Connection Confirmed:
Connected

VSU VPN RSA Connection Confirmation



*Technology Services
Securing Academic
Data On The Move*



End of Document