

VSU – Technology Services

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

	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_Instructions_2019.pptx	3.0	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 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 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 RSA 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. Your operating system must be checked for 32-bit or 64-bit version prior to implementation. Follow the instructions in the slides provided to accomplish this task. You will need to have a System Administrator on site when completing the installation for elevated rights. Please view all slides prior to executing instructions.

Step 2: Import Soft Token for RSA SecurID Client

This section will guide you through the process of importing your soft token, from the ZIP file (*file will have an .SDTID extension*) provided to you by the RSA system administrator, sent to you by email. 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.

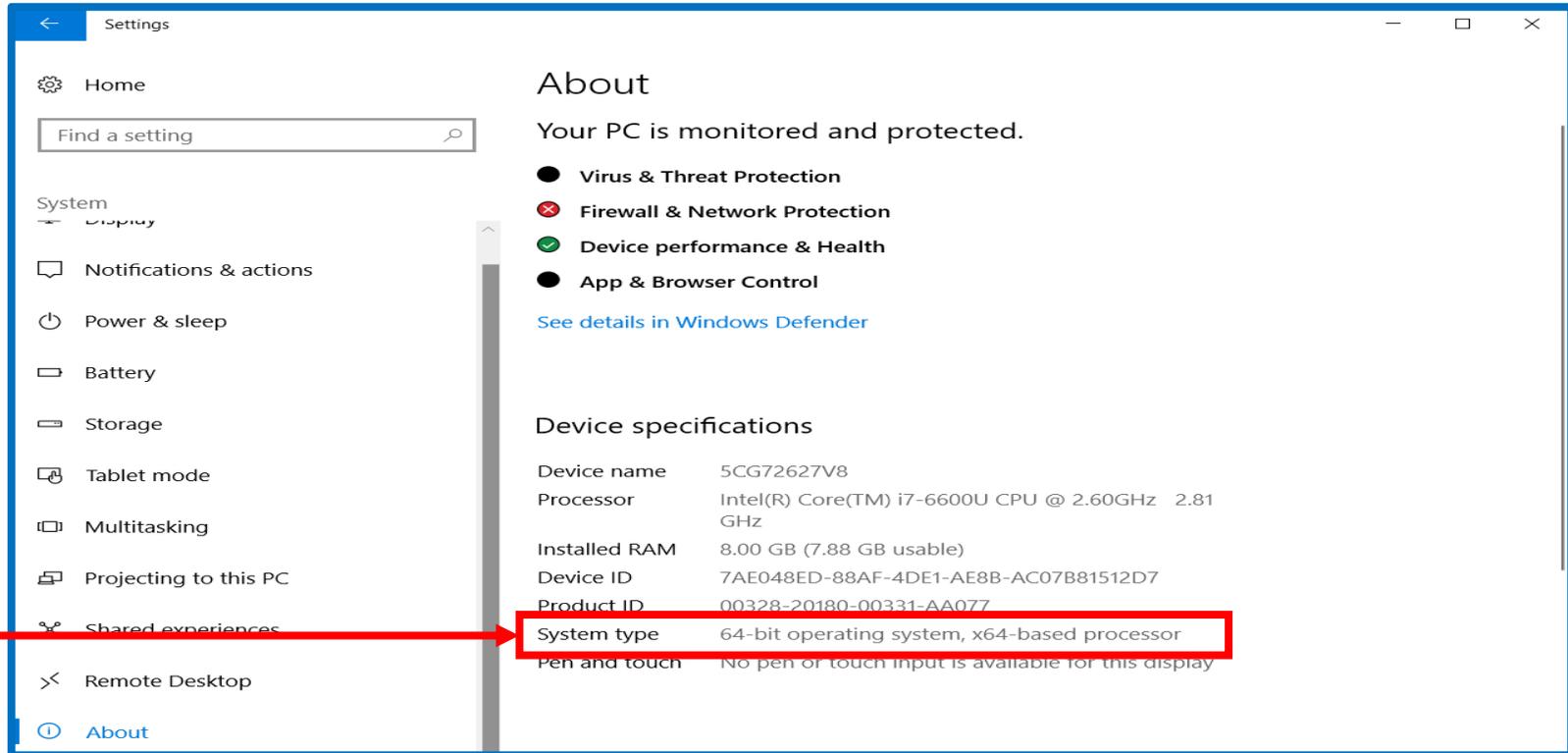
Step 5: Pulse Secure VPN Configuration

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>

Check Your Operating System for the Version (32-bit or 64-bit), prior to following the ensuing slides

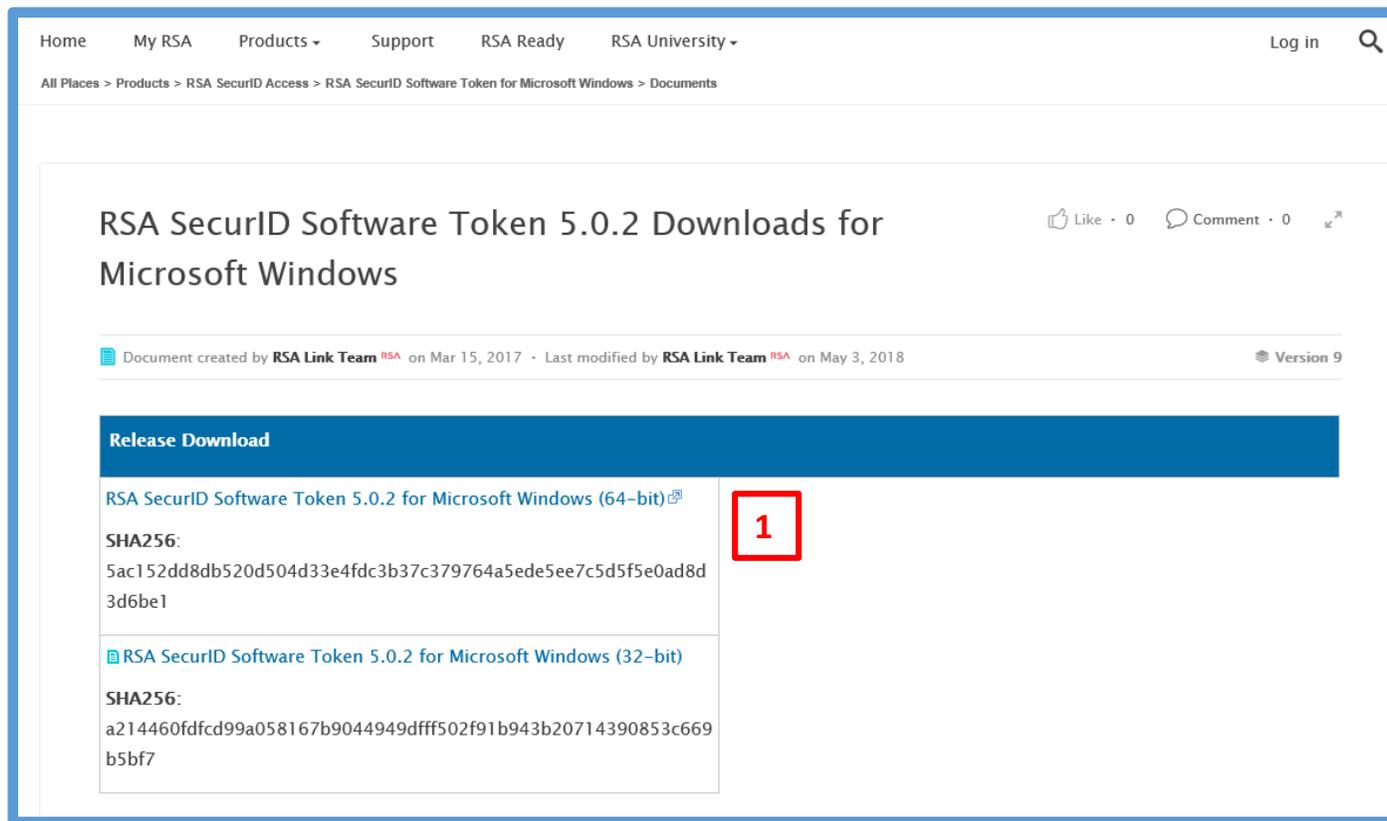
To check if your system is 32-bit or 64-bit, here is how you can check:

Operating System	Instructions
Windows 10 / 8.1	Start > Settings (gear icon) > System > About. Check the 'System type' field.
Windows 7	Start > Control Panel > System and Security > System. Check the 'System type' field.
Windows Vista	Start > Control Panel > System and Maintenance > System. Check the 'System type' field.



Step 1: Installing RSA SecurID Software Token for MS Windows (You will need Your Local VSU System ADMIN 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 5.0.2 for Microsoft Windows (64-bit)
2. Complete the instructions in the following slides for the download an installation of the software



Home My RSA Products Support RSA Ready RSA University Log in

All Places > Products > RSA SecurID Access > RSA SecurID Software Token for Microsoft Windows > Documents

RSA SecurID Software Token 5.0.2 Downloads for Microsoft Windows

Like · 0 Comment · 0

Document created by **RSA Link Team** on Mar 15, 2017 · Last modified by **RSA Link Team** on May 3, 2018 Version 9

Release Download

<p>RSA SecurID Software Token 5.0.2 for Microsoft Windows (64-bit)</p> <p>SHA256: 5ac152dd8db520d504d33e4fdc3b37c379764a5ede5ee7c5d5f5e0ad8d3d6be1</p>	1
<p>RSA SecurID Software Token 5.0.2 for Microsoft Windows (32-bit)</p> <p>SHA256: a214460fdgcd99a058167b9044949dfff502f91b943b20714390853c669b5bf7</p>	

RSA <https://community.rsa.com/docs/DOC-73395>

- Release Download**
1. You will be prompted by a download decision:
 2. Select **Open**
 3. Select the file folder labeled **RSASecurIDSoftwareToken5.0.2x64** (File folder)

Release Download

RSA SecurID Software Token 5.0.2 for Microsoft Windows (64-bit) 

SHA256: 5ac152dd8db520d504d33e4fdc3b37c379764a5ede5ee7c5d5f5e0ad8d3d6be1

1

2

What do you want to do with
RSASecurIDSoftwareToken5.0.2x64.zip (57.8 MB)?
From: rsa.com

Open Save ^ Cancel X

Compressed Folder Tools RSASecurIDSoftwareToken5.0.2x64

File Home Share View Extract

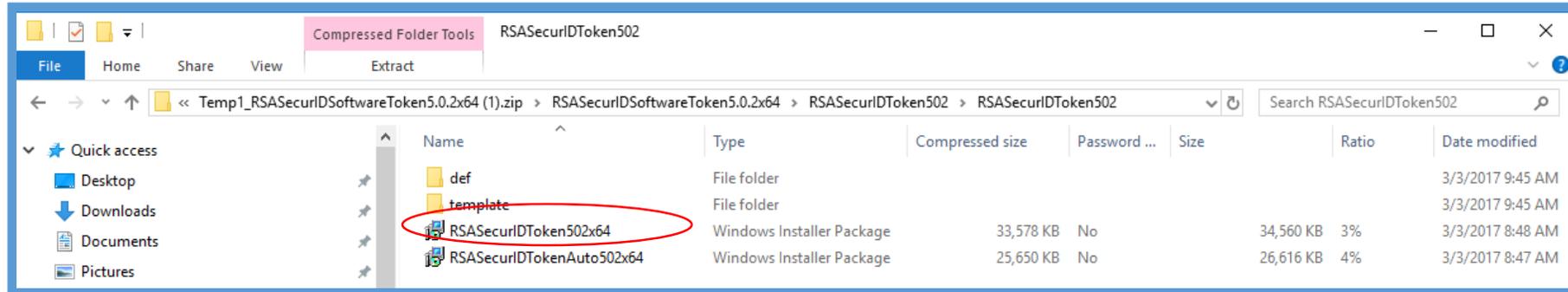
Local > Packages > Microsoft.MicrosoftEdge_8wekyb3d8bbwe > TempState > Downloads > RSASecurIDSoftwareToken5.0.2x64

Name	Type	Compressed size	Password ...	Size	Ratio	Date modified
RSASecurIDSoftwareToken5.0.2x64	File folder					3/3/2017 10:09 AM

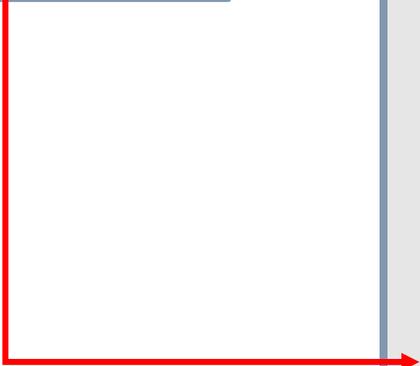
3

RSA SecurIDToken5.0.2x64

1. Select the file: **RSASecurIDToken502x64** (Windows Installer Package)



User Account Control for the RSA Token Download
1. The System Administrator completes this screen



User Account Control

Do you want to allow this app from an unknown publisher to make changes to your device?

C:\Users\bbackus\AppData\Local\Temp\Cisco\Installer\99F959D\WinSetup-Release-web-deploy.msi

Publisher: Unknown
File origin: Hard drive on this computer

[Show more details](#)

To continue, enter an admin user name and password.



Domain: VSU

Yes No

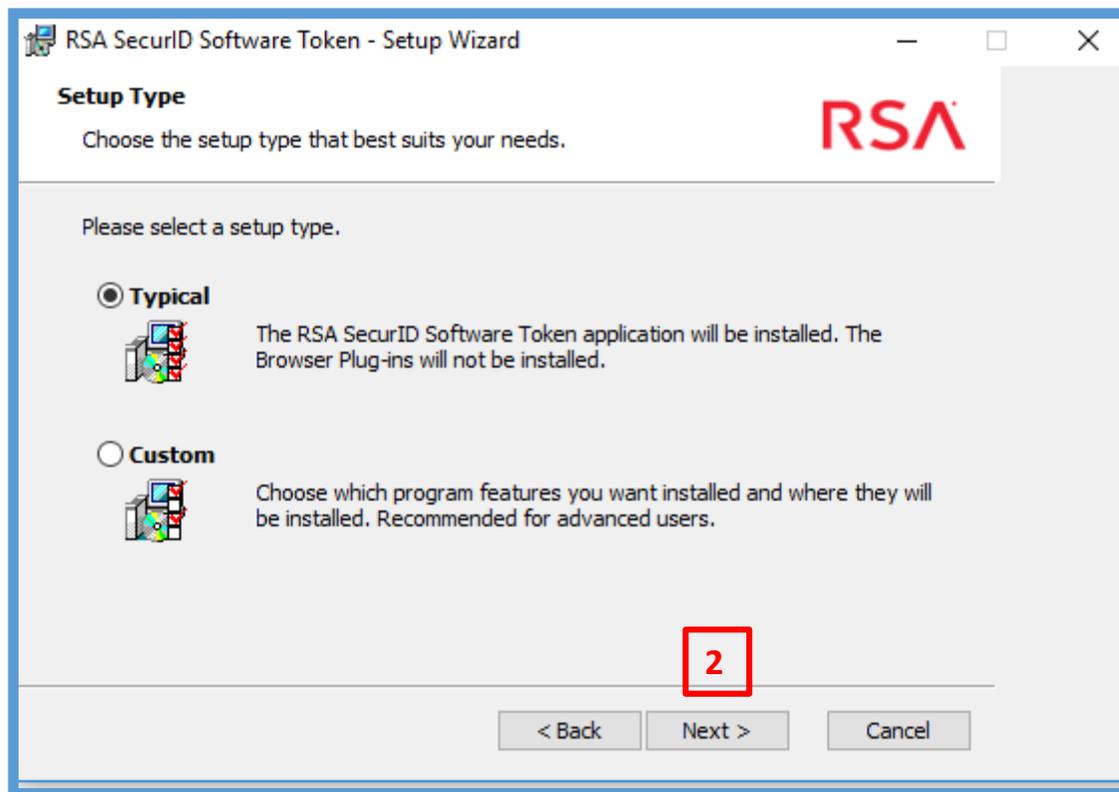
RSA SecurID Software Token – Setup Wizard

1. Select the radio button **I accept the terms in the license agreement**
2. Select **Next**



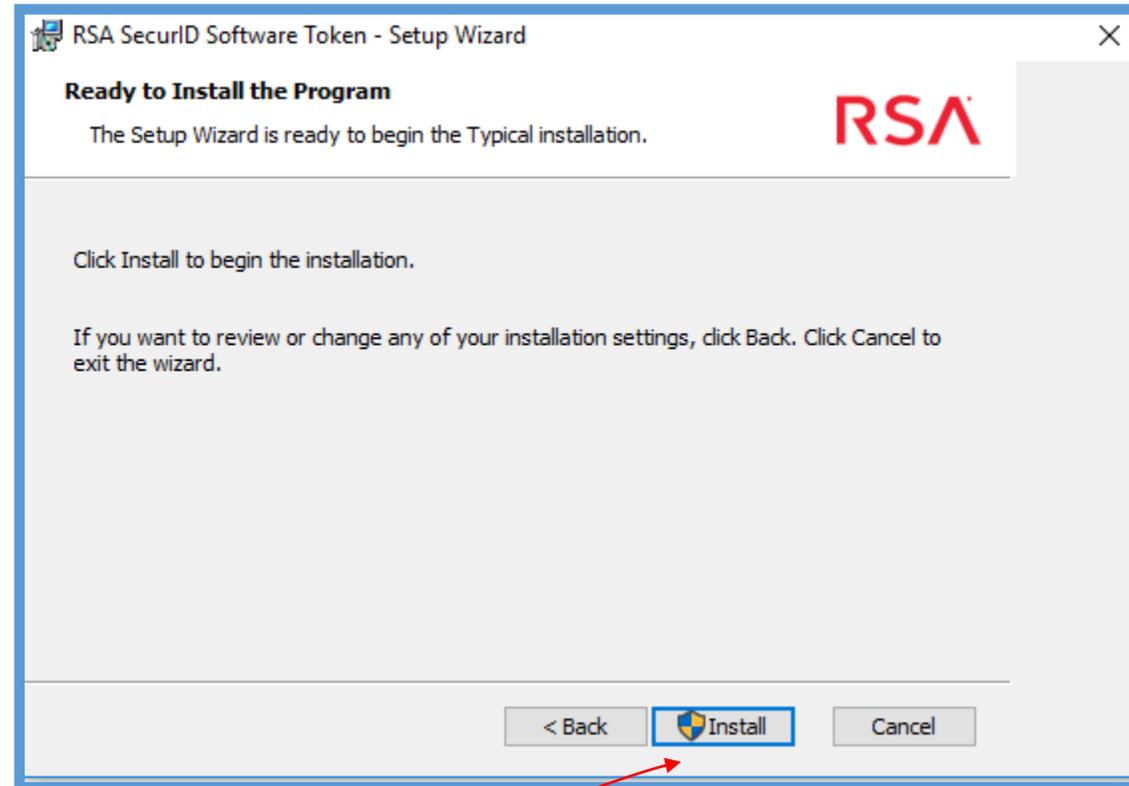
RSA SecurID Software Token – Setup Wizard

1. Select the radio button **Typical**
2. Select **Next**



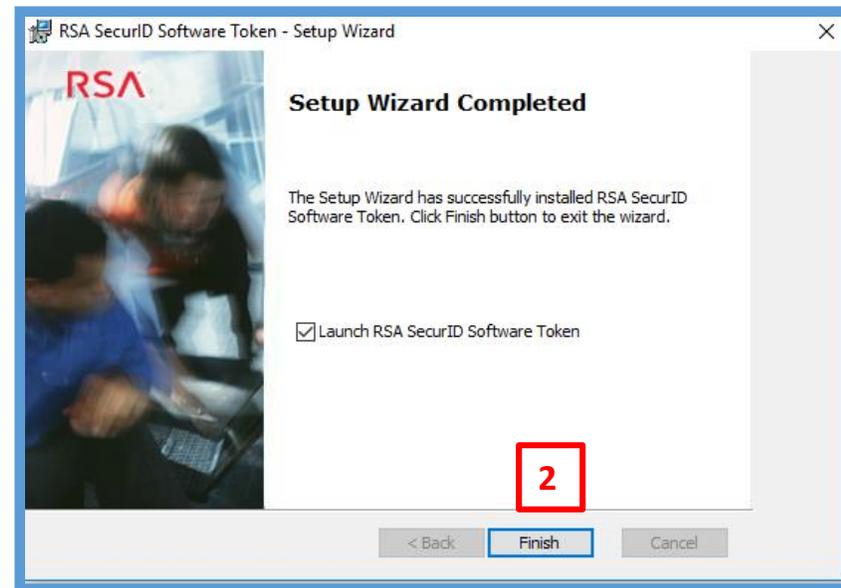
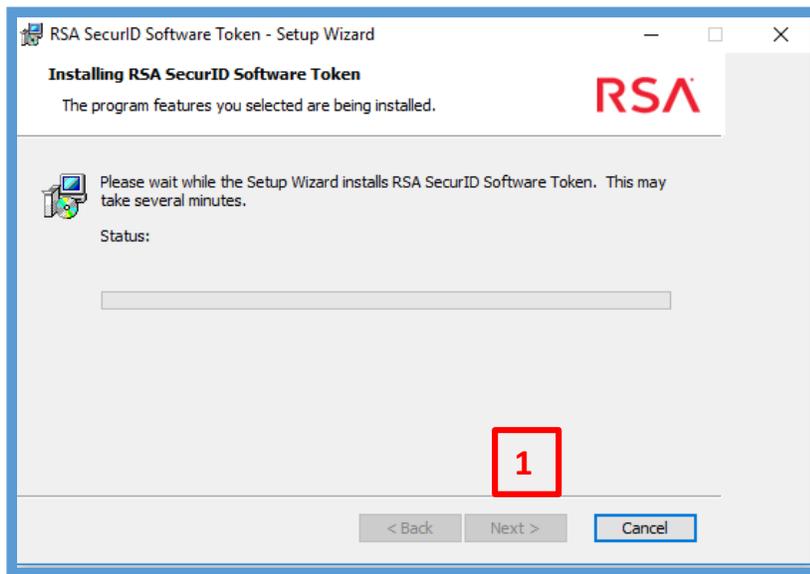
RSA SecurID Software Token – Setup Wizard

1. Select Install



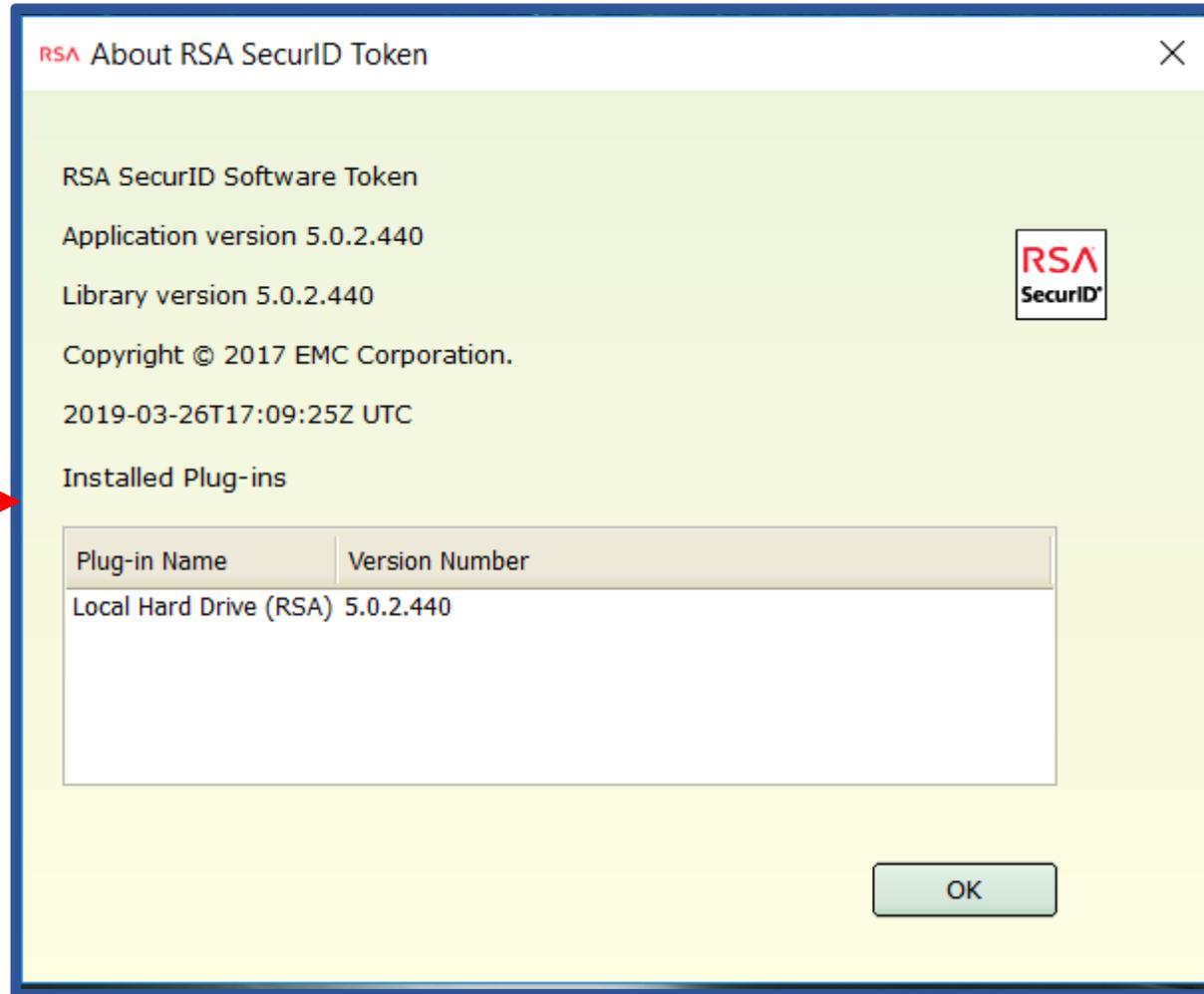
RSA SecurID Software Token – Setup Wizard

1. Select **Next**
2. Select **Finish**



**RSA SecurID Software Token
Application**

The version of the software is
to the right that has been
downloaded.



RSA About RSA SecurID Token

RSA SecurID Software Token
Application version 5.0.2.440
Library version 5.0.2.440
Copyright © 2017 EMC Corporation.
2019-03-26T17:09:25Z UTC

Installed Plug-ins

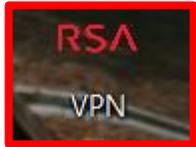
Plug-in Name	Version Number
Local Hard Drive (RSA)	5.0.2.440

OK

RSA Import Token

Step 2: Import Soft Token for RSA SecurID

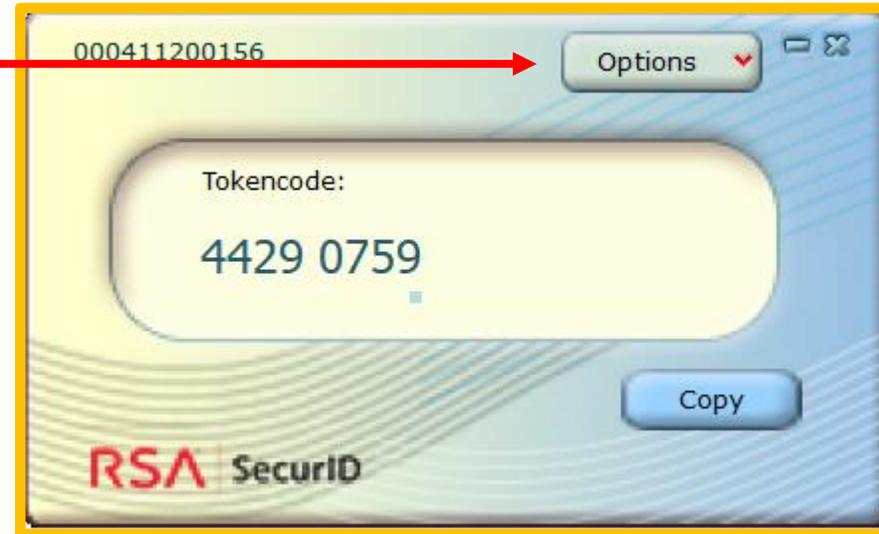
On your Desk top select the RSA icon:



"Your new RSA SecurID will not display a Tokencode for initial use"

Select the **"Down Arrow"** on **Options**

Select **"Import Token"**



RSA Import Token

This file will have already been sent to you by email as an attachment from the VSU RSA Administrator. It will be sent as a ZIP file and have inside of it a file with an .SDTID extension. If you have not received this file, *(stop-do not go further)* please contact the VSU RSA Administrator or VSU Service Desk (804.524.5210).

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

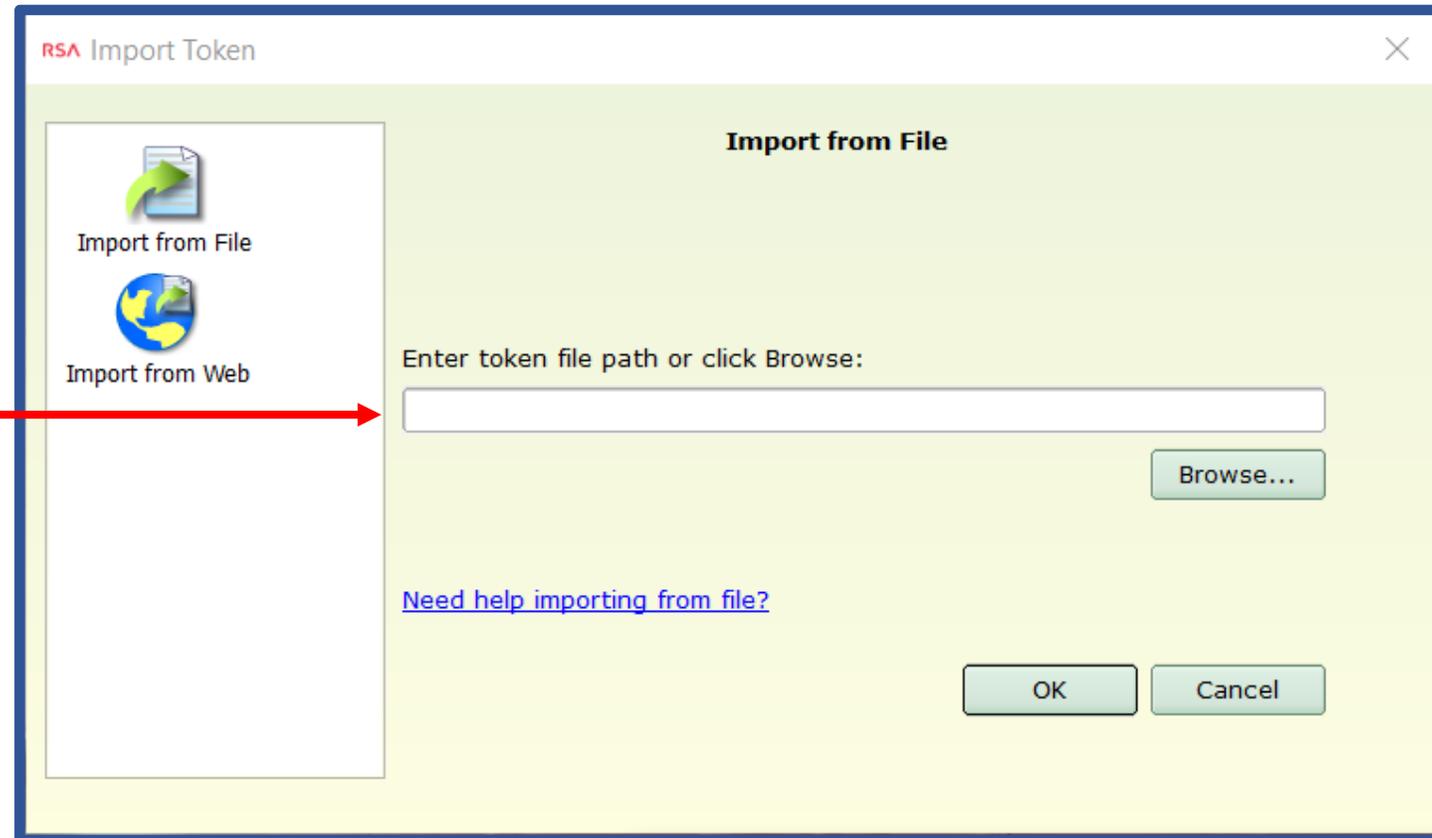


RSA Import Token

Enter Token File Path

OR

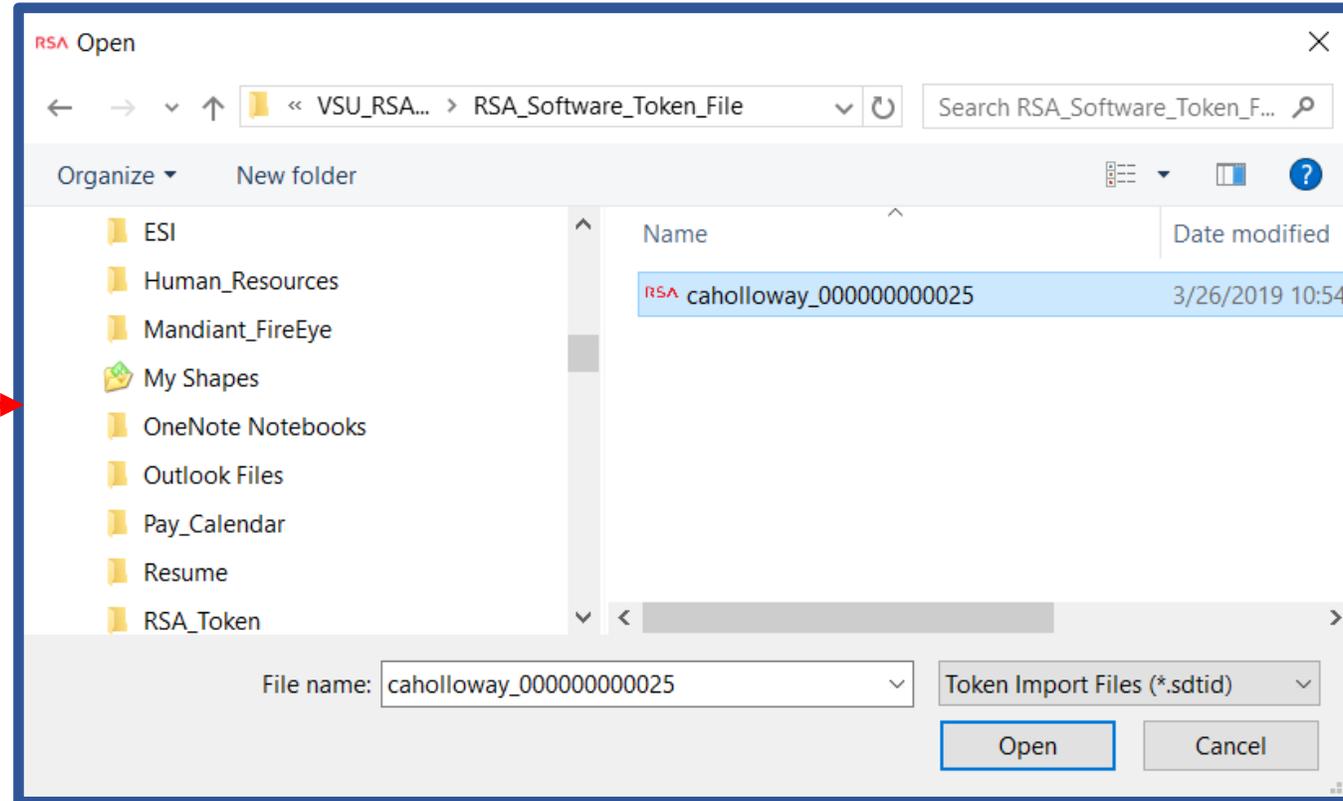
Browse to the location where
you downloaded the emailed
ZIP file on your hard drive



RSA Import Soft 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.)

Select **“Open”**



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

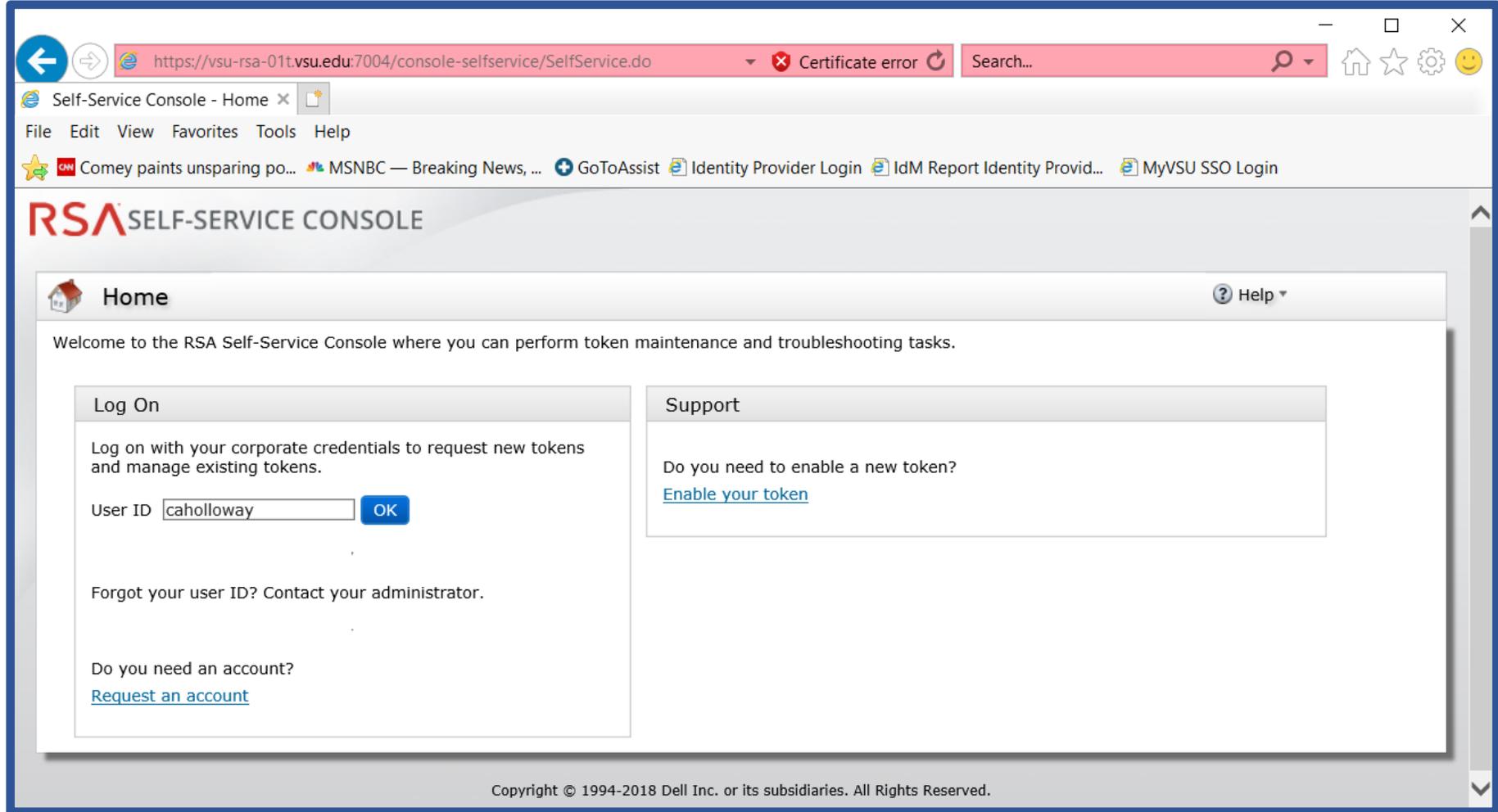
Access to the portal is at
<https://rsaweb.vsu.edu>

Log on screen to portal to the right:

Enter your assigned credentials

Example:
[caholloway](#)

Select "OK"

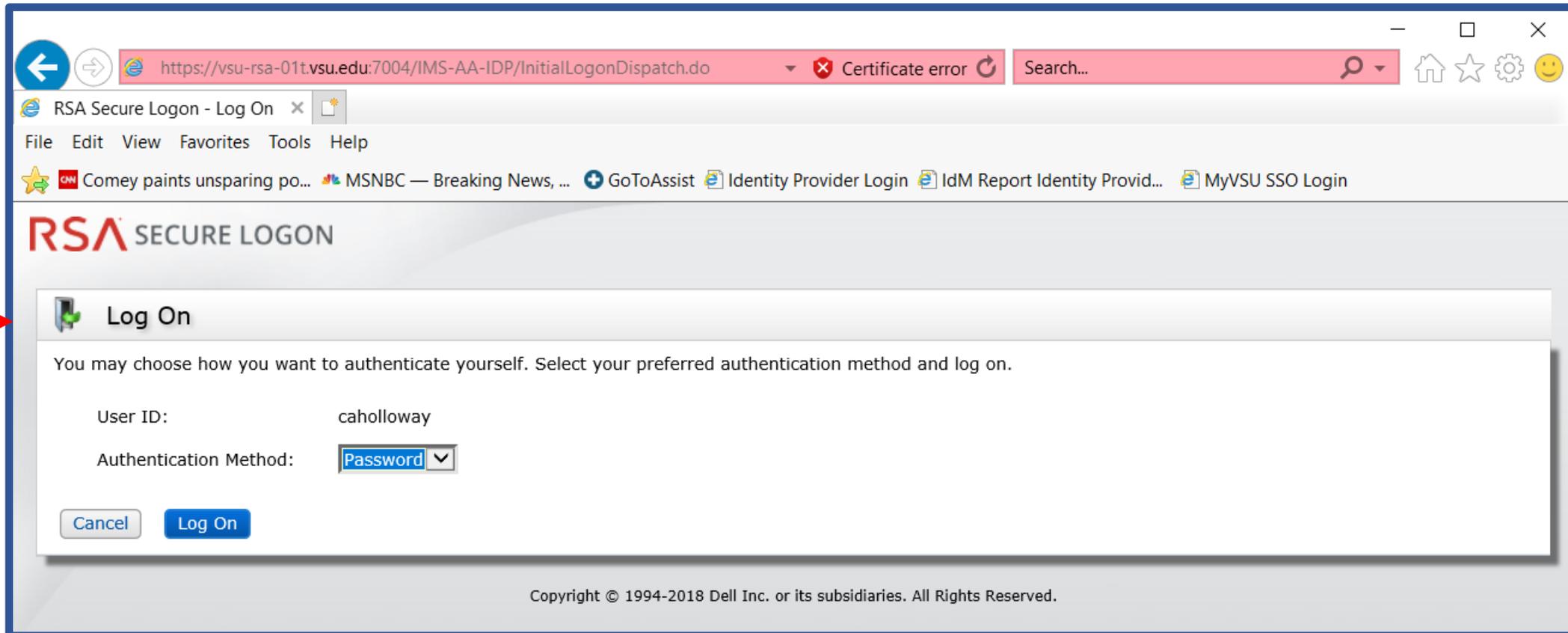


RSA Self-Service Console

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.

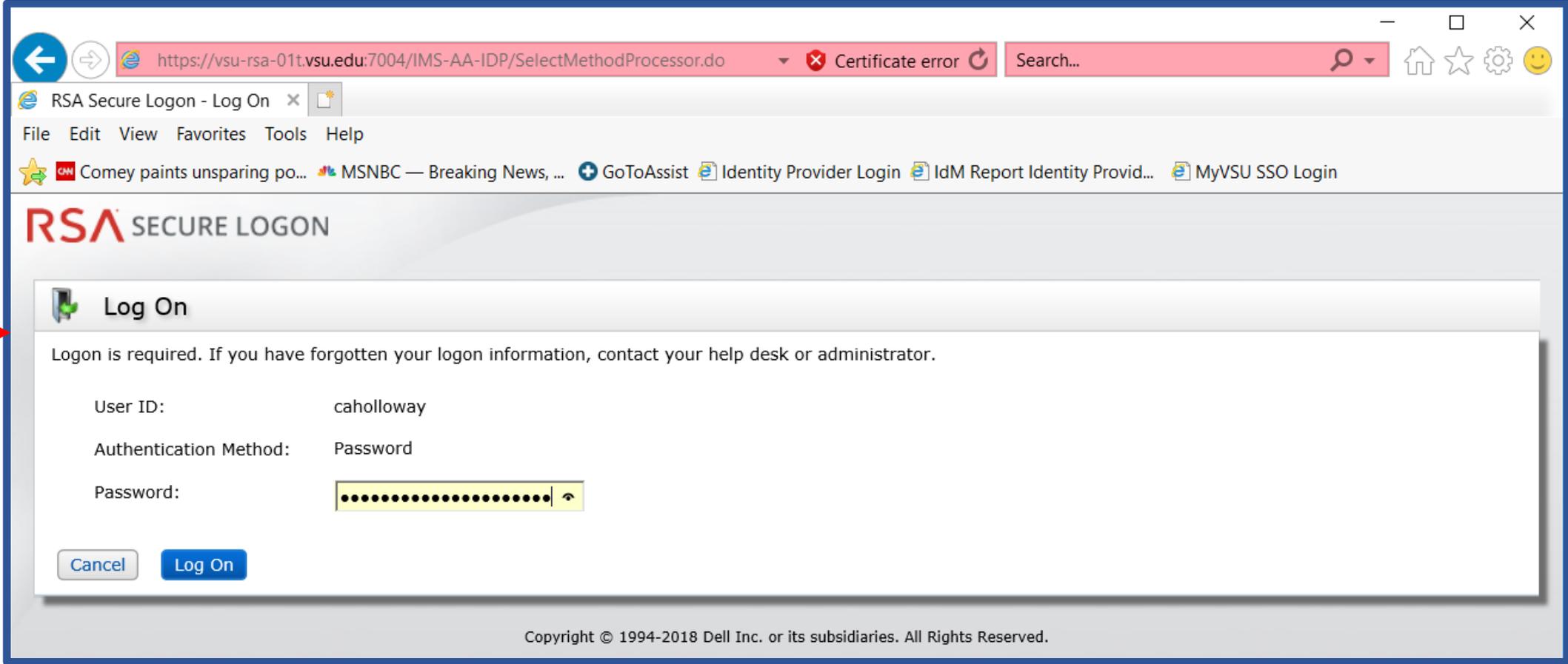
User ID: caholloway

Authentication Method: Password

Cancel Log On

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

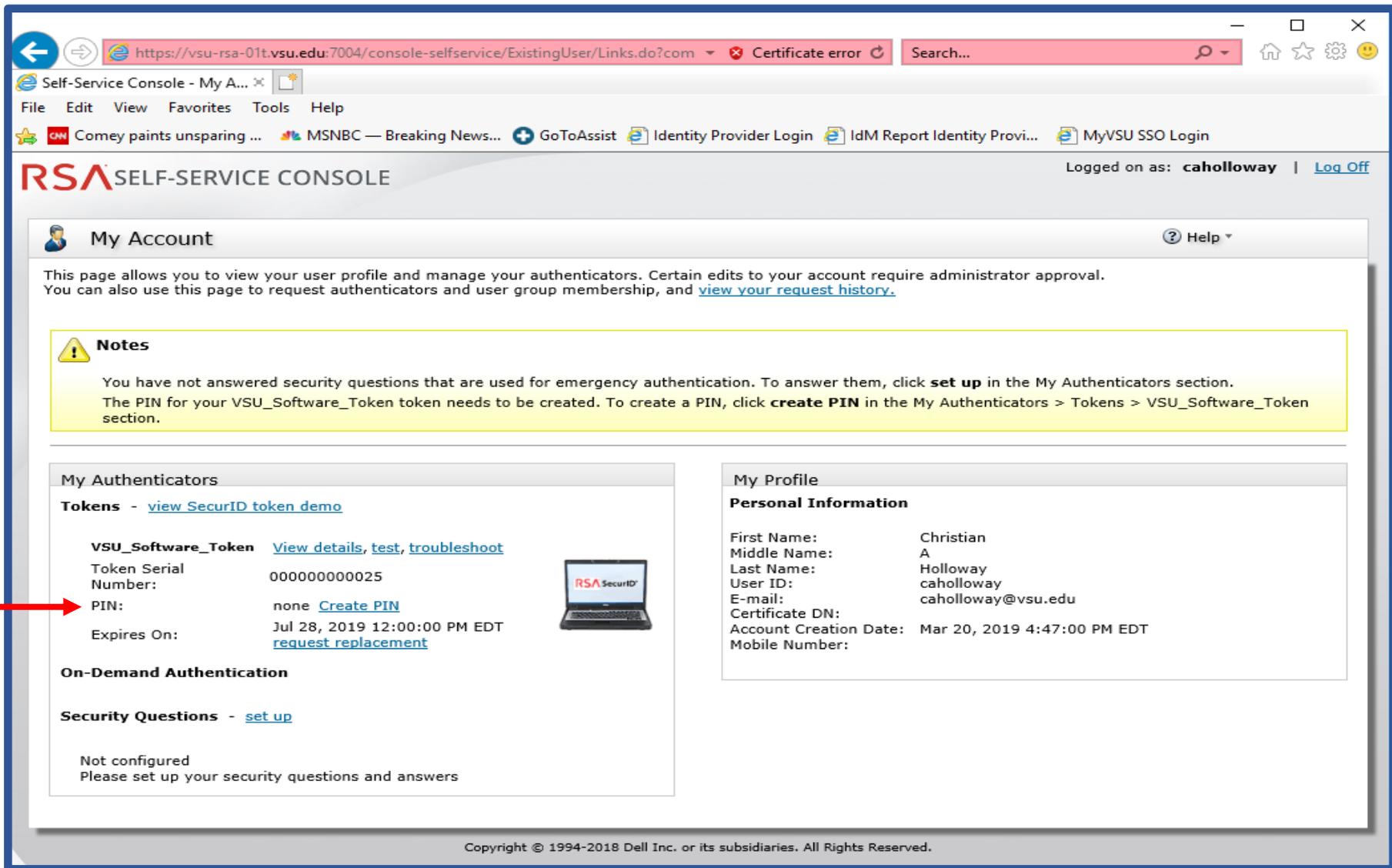


The screenshot shows a web browser window with the URL `https://vsu-rsa-01t.vsu.edu:7004/IMS-AA-IDP/SelectMethodProcessor.do`. The browser shows a 'Certificate error' warning. The page title is 'RSA Secure Logon - Log On'. The main content area features the 'RSA SECURE LOGON' logo and a 'Log On' button with a green checkmark icon. Below the button, a message states: 'Logon is required. If you have forgotten your logon information, contact your help desk or administrator.' The form fields are: 'User ID: caholloway', 'Authentication Method: Password', and 'Password: [masked]'. At the bottom of the form are 'Cancel' and 'Log On' buttons. The footer contains the copyright notice: '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"

The screenshot shows a web browser window with the URL <https://vsu-rsa-01t.vsu.edu:7004/console-selfservice/ExistingUser/Links.do?com>. The page title is "Self-Service Console - My Account". The browser's address bar shows a "Certificate error". The page content includes:

- My Account** section with a "Help" link.
- Introduction text: "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** section (yellow background): "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** section:
 - 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** section:
 - 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:

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RSA Self-Service Console

Create New PIN

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: *

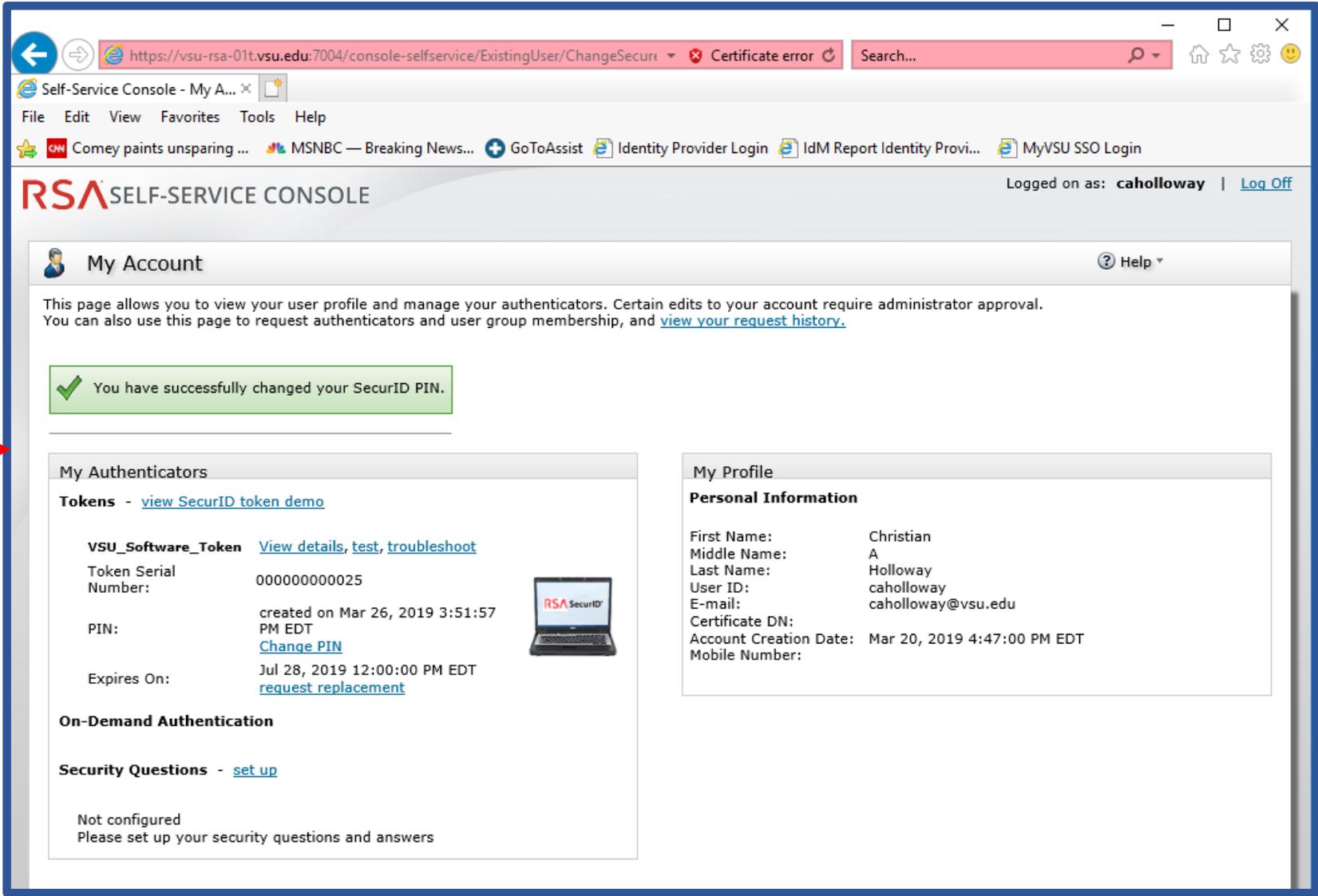
Your PIN must be between 4 and 8 characters long

Confirm New PIN: *

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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".

The main content area is titled "My Account" and includes a help icon. Below the title, there is a confirmation message in a green box: "You have successfully changed your SecurID PIN." with a green checkmark icon.

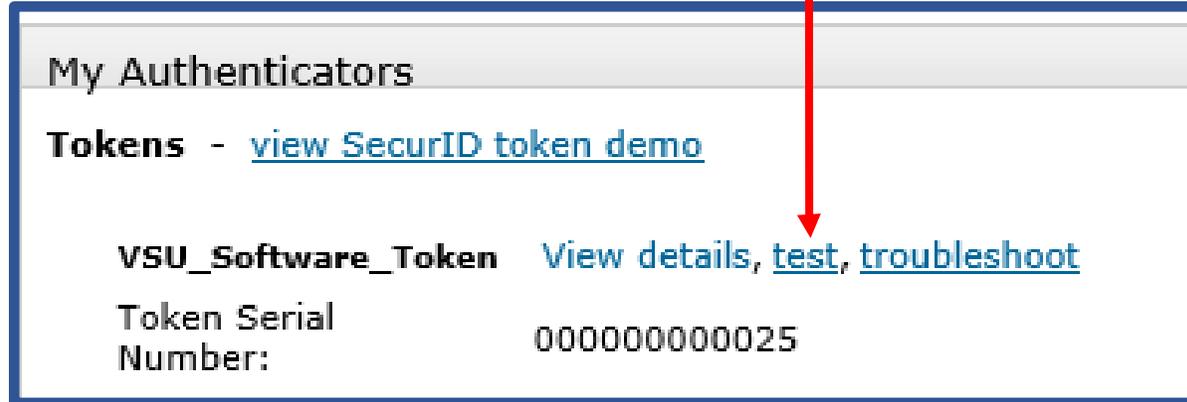
The page is divided into two main sections:

- My Authenticators:**
 - Section: **Tokens** - [view SecurID token demo](#)
 - Item: **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](#)
 - Image: 
- My Profile:**
 - Section: **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:

At the bottom of the "My Authenticators" section, there is a note: "On-Demand Authentication" and "Security Questions - [set up](#)". Below this, it says "Not configured. Please set up your security questions and answers".

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

Select "test"



My Authenticators

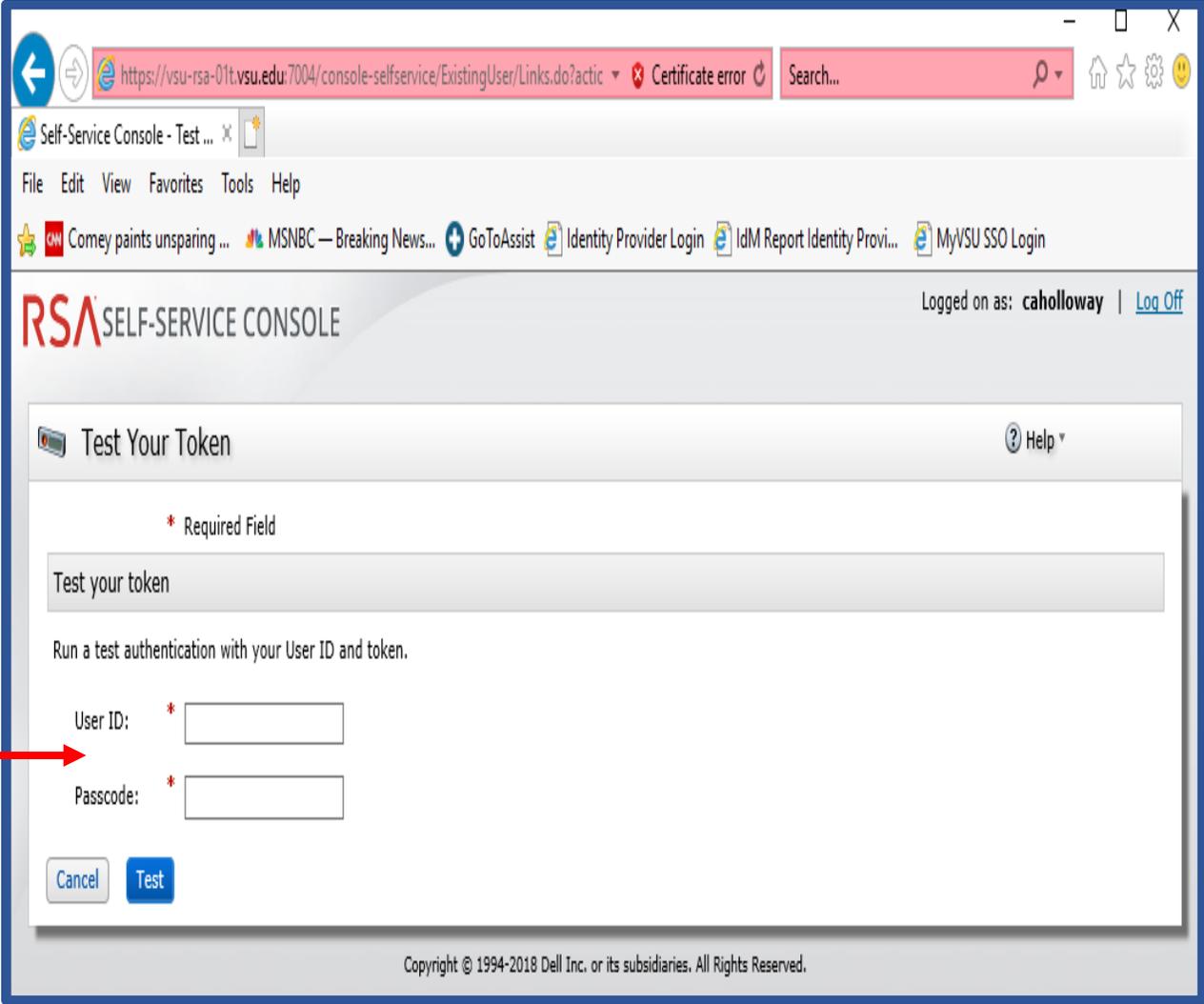
Tokens - [view SecurID token demo](#)

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

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

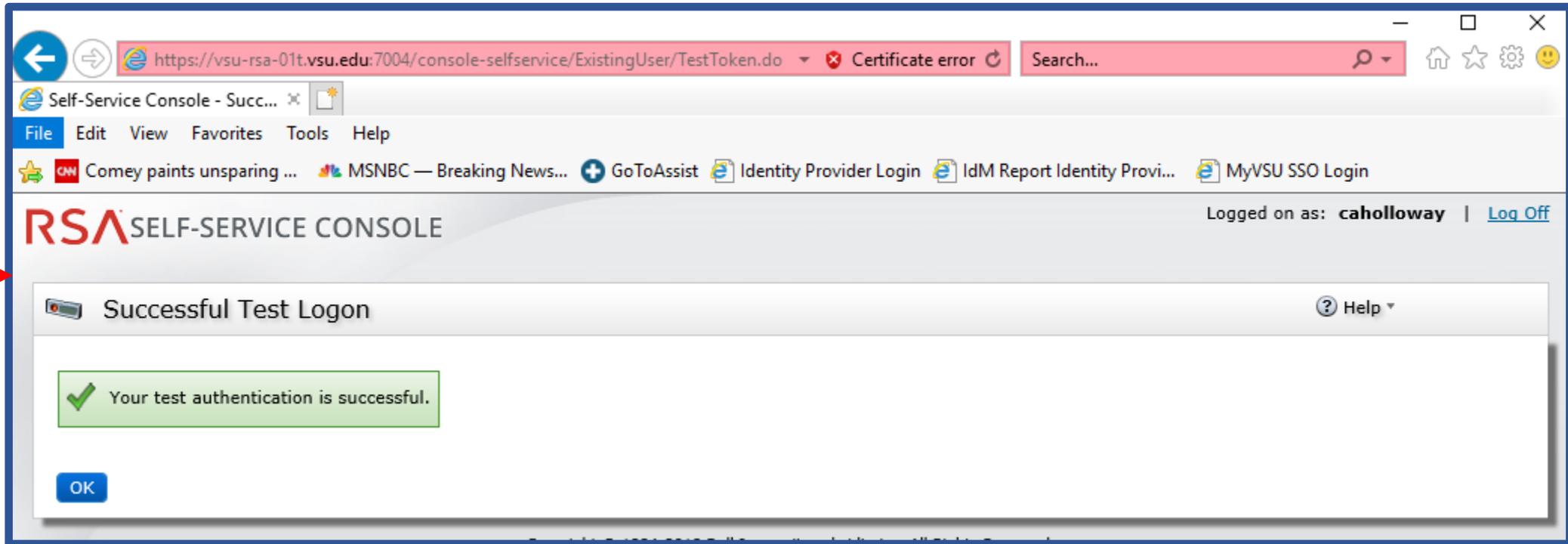
Enter Your **“User ID”**:
(ex: caholloway)

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


RSA Self-Service Console

Successful Test will display the following screen:

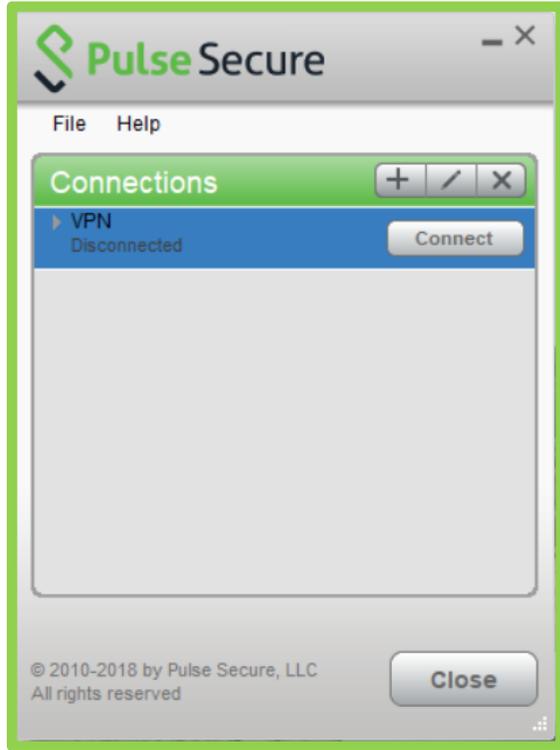


Pulse Secure Client
Step 5: VPN Software Configuration

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



Check under **“Help”**
Then **“About”** to make sure
your version installed is
9.0.3 (1599) or later.



Pulse Secure Client
Edit Connection

Select **"File"**
Select **"Connections"**
Select **"Add"**



**Pulse Secure Client
Add Connection**

Enter Name:
VSU VPN RSA

Enter the Server URL
information to the
following.

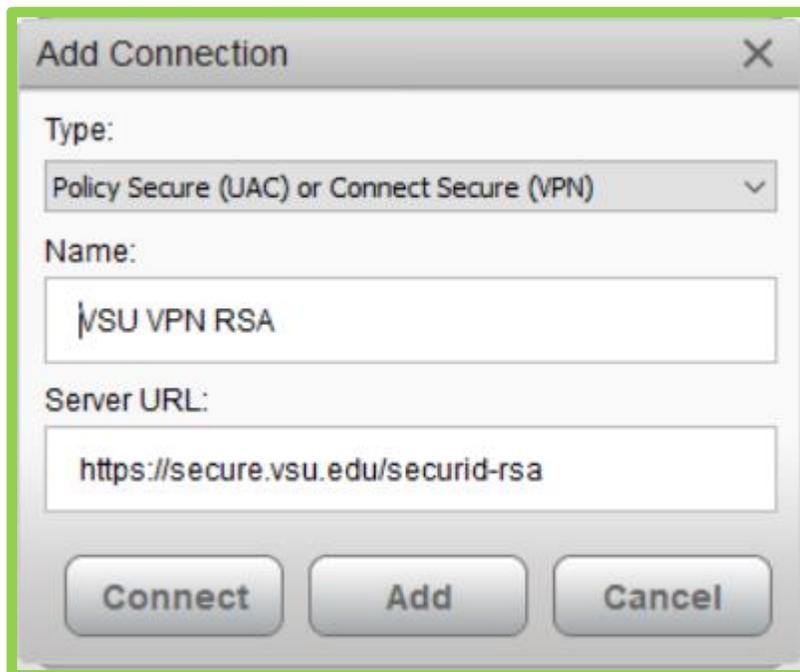
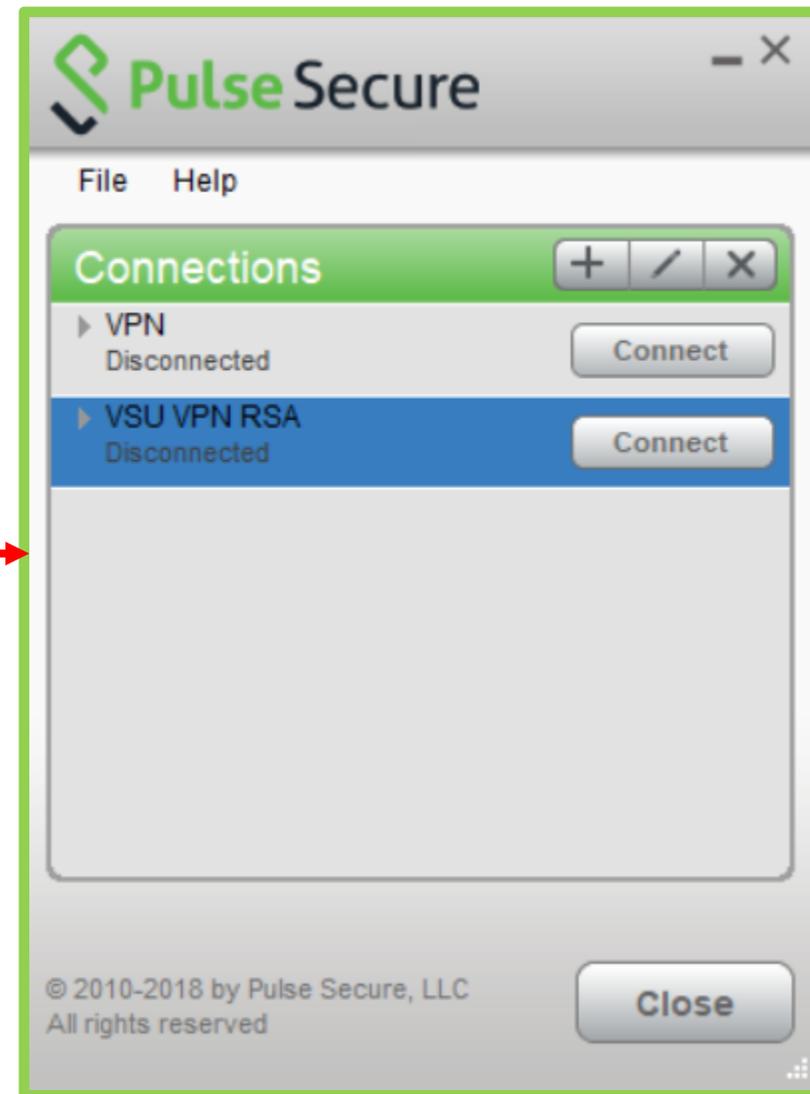
Server URL:

[https://secure.vsu.edu/sec
urid-rsa](https://secure.vsu.edu/sec
urid-rsa)

Select **“Add”**

Your Pulse Secure
Connections List should
appear as displayed.

New URL:

New Connection Screen When Using RSA

Pulse Secure Client VPN Logon

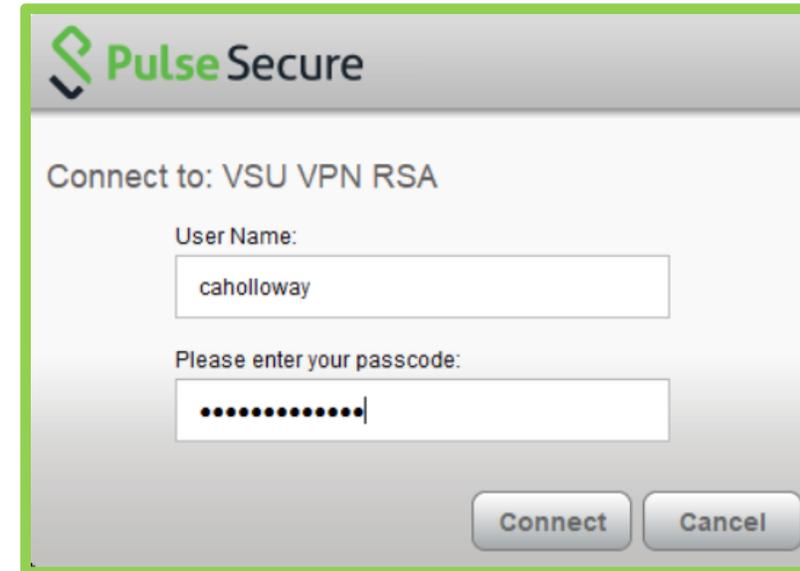
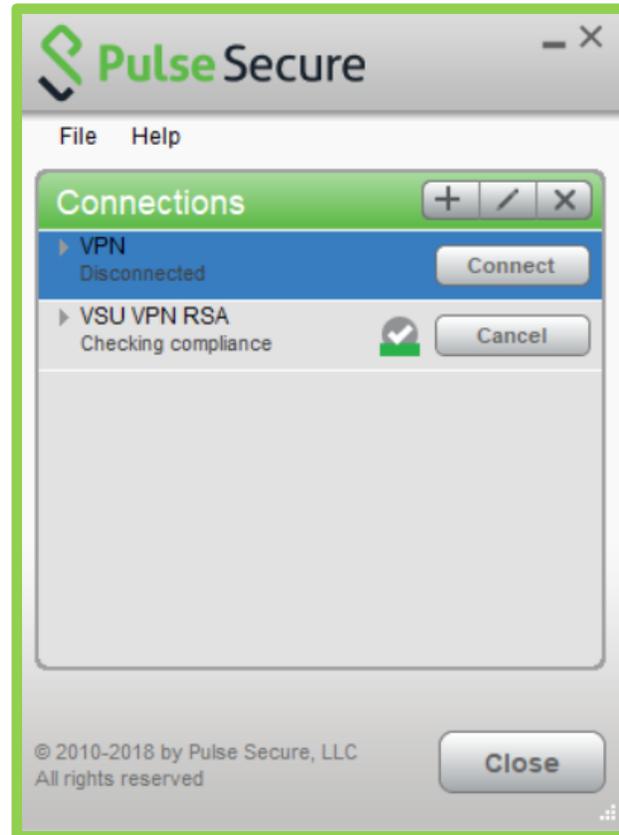
Select the Pulse Secure
Client Icon on your desktop:



Enter "User Name:"

Enter "Please enter your
passcode:"

(Type your PIN + 6Digit RSA
tokencode from the RSA
SecurID client with no
spaces)



*Technology Services
Securing Academic
Data On The Move*



End of Document