

RSA SECURID[®] ACCESS

**Standard Agent Client
Implementation Guide**

VMware Horizon View 7.2 Clients

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Solution Summary

VMware Horizon View delivers end-to-end desktop control and manageability while providing a familiar user experience. VMware Horizon View is an enterprise-class connection broker that provides secure connectivity between remote clients and centralized virtual desktops.

Working in conjunction with VMware vCenter, VMware Horizon View provides optimized management and control of desktop operating systems running on VMware ESX.

By default, VMware Horizon View authenticates users using Microsoft Active Directory credentials (username, password, and domain name). As an option, VMware Horizon View can be configured so that users are first required to authenticate using RSA SecurID. VMware Horizon View authentication works in conjunction with RSA Authentication Manager. Two-factor authentication provides enhanced security for access to virtual desktops and is a standard feature of VMware Horizon View.

RSA SecurID Access Features	
VMware Horizon View 7.2 Clients	
Authentication Manager Methods	
RSA SecurID	<input type="text" value="Yes"/>
On Demand Authentication	<input type="text" value="Yes"/>
Risk-Based Authentication	<input type="text" value="No"/>
Cloud Authentication Service Methods	
Authenticate App	<input type="text" value="Yes"/>
FIDO Token	<input type="text" value="No"/>
Identity Assurance	
Collect Device Assurance and User Behavior	<input type="text" value="No"/>
Software Token Automation	
Windows	<input type="text" value="No"/>
Mac	<input type="text" value="No"/>
Android	<input type="text" value="No"/>
iOS	<input type="text" value="No"/>

Partner Product Configuration

Before You Begin

This section provides instructions for configuring the VMware Horizon View clients to work with RSA SecurID Access. This document is not intended to suggest optimum installations or configurations.

It is assumed that the reader has both working knowledge of all products involved, and the ability to perform the tasks outlined in this section. Administrators should have access to the product documentation for all products in order to install the required components.

All VMware Horizon View components must be installed and working prior to the integration. Perform the necessary tests to confirm that this is true before proceeding.

VMware Horizon View Configuration

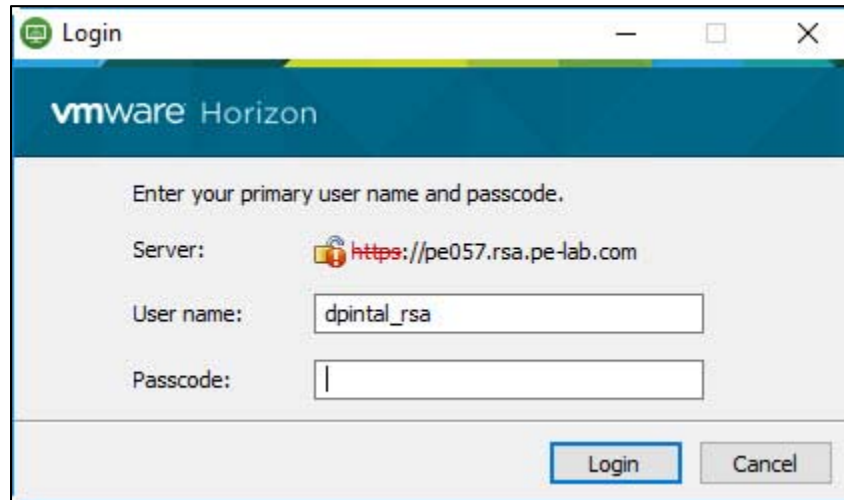
VMware Horizon View Agents adhere to the authentication policy configured within the VMware Horizon View Connection server.

Configuration of the client requires the Horizon View administrator/Horizon View user to enter the FQDN or IP address of the Horizon View Connection Server or VMware Unified Access Gateway within the client.

Screens Windows

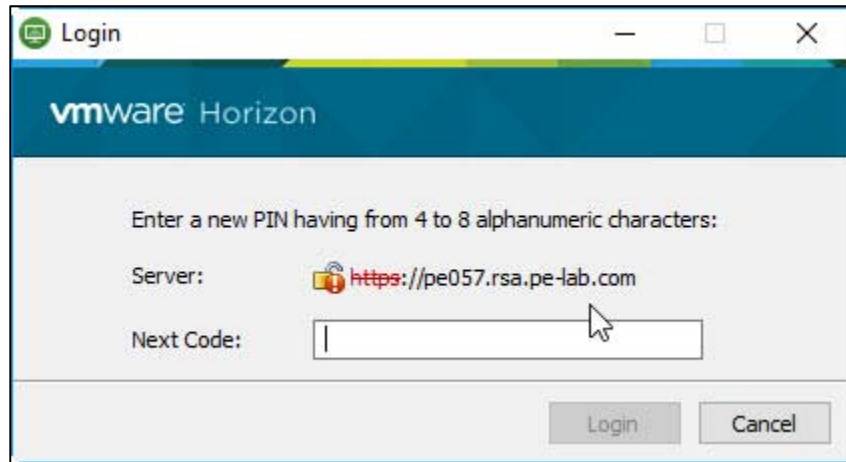
Desktop

Login screen:

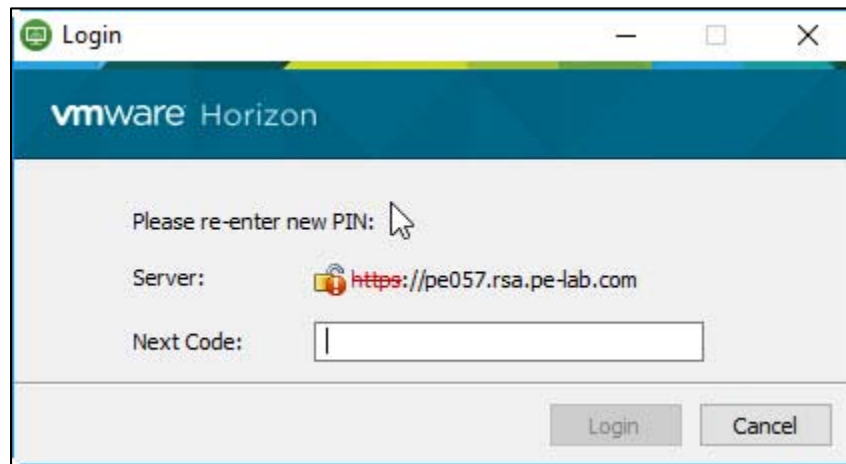


The screenshot shows a window titled "Login" with a VMware Horizon header. The main content area contains the instruction "Enter your primary user name and passcode." Below this, there are three fields: "Server:" with a lock icon and the URL "https://pe057.rsa.pe-lab.com"; "User name:" with the text "dpintal_rsa" entered; and "Passcode:" with a single vertical bar indicating a password character. At the bottom right, there are two buttons: "Login" and "Cancel".

User-defined New PIN:

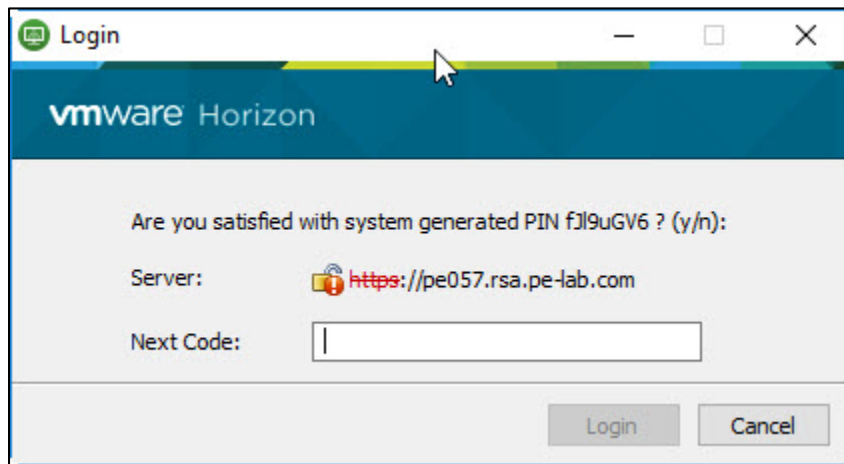
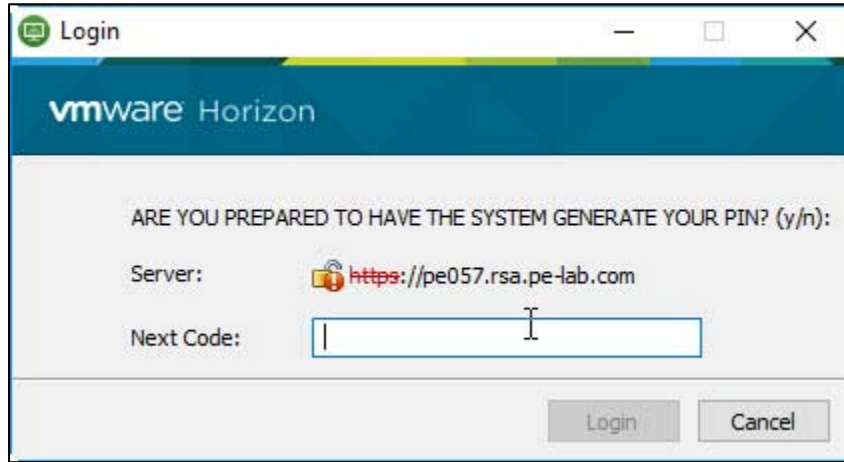


The screenshot shows a 'Login' dialog box with the VMware Horizon logo at the top. The main text reads 'Enter a new PIN having from 4 to 8 alphanumeric characters:'. Below this, the 'Server:' field is populated with 'https://pe057.rsa.pe-lab.com'. The 'Next Code:' field is an empty text box with a cursor. At the bottom right, there are 'Login' and 'Cancel' buttons.

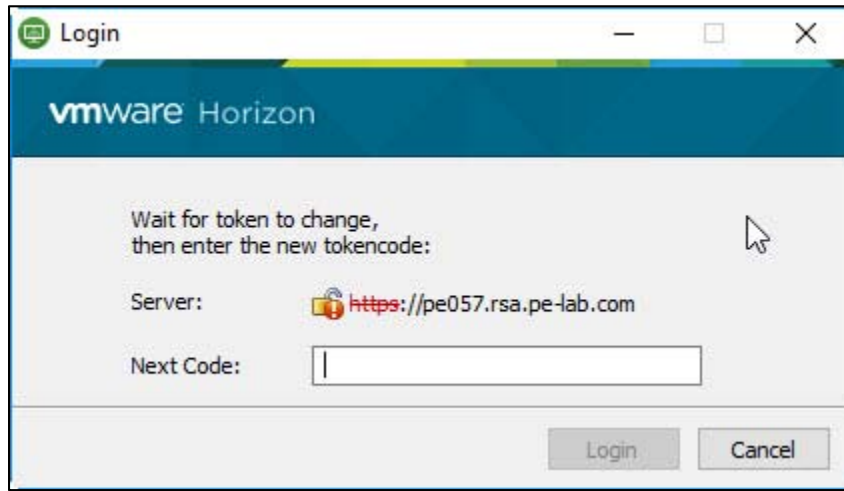


The screenshot shows the same 'Login' dialog box, but the main text now reads 'Please re-enter new PIN:'. The 'Server:' field remains 'https://pe057.rsa.pe-lab.com' and the 'Next Code:' field is empty. The 'Login' and 'Cancel' buttons are still present at the bottom right.

System-generated New PIN:

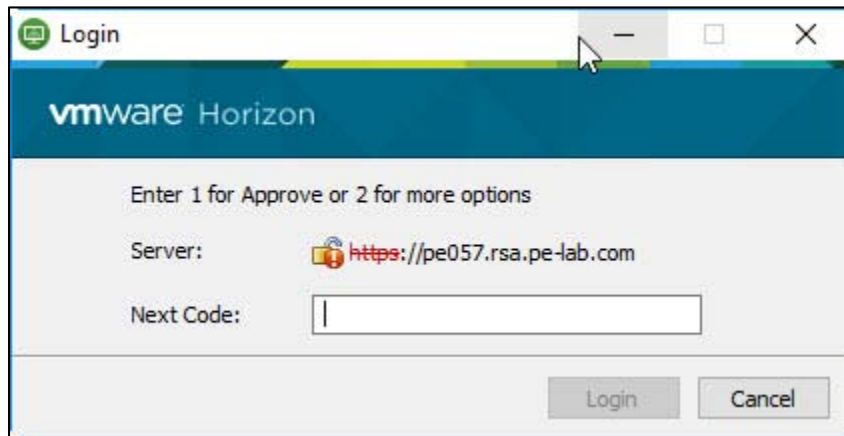


Next Tokencode:



The screenshot shows a 'Login' dialog box with the VMware Horizon logo at the top. The main text reads: 'Wait for token to change, then enter the new tokencode:'. Below this, the 'Server:' field is populated with 'https://pe057.rsa.pe-lab.com'. The 'Next Code:' field is an empty text input box. At the bottom right, there are 'Login' and 'Cancel' buttons.

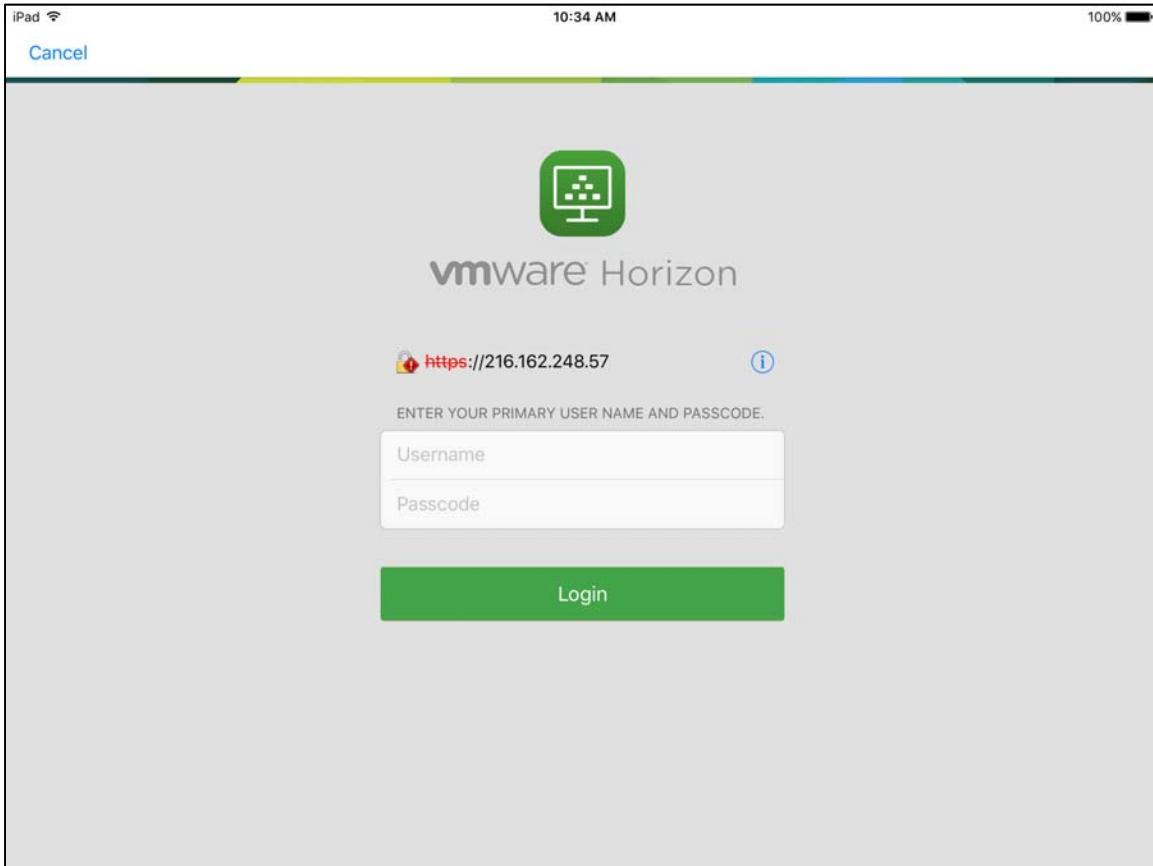
Authentication Method Selection (Access only):



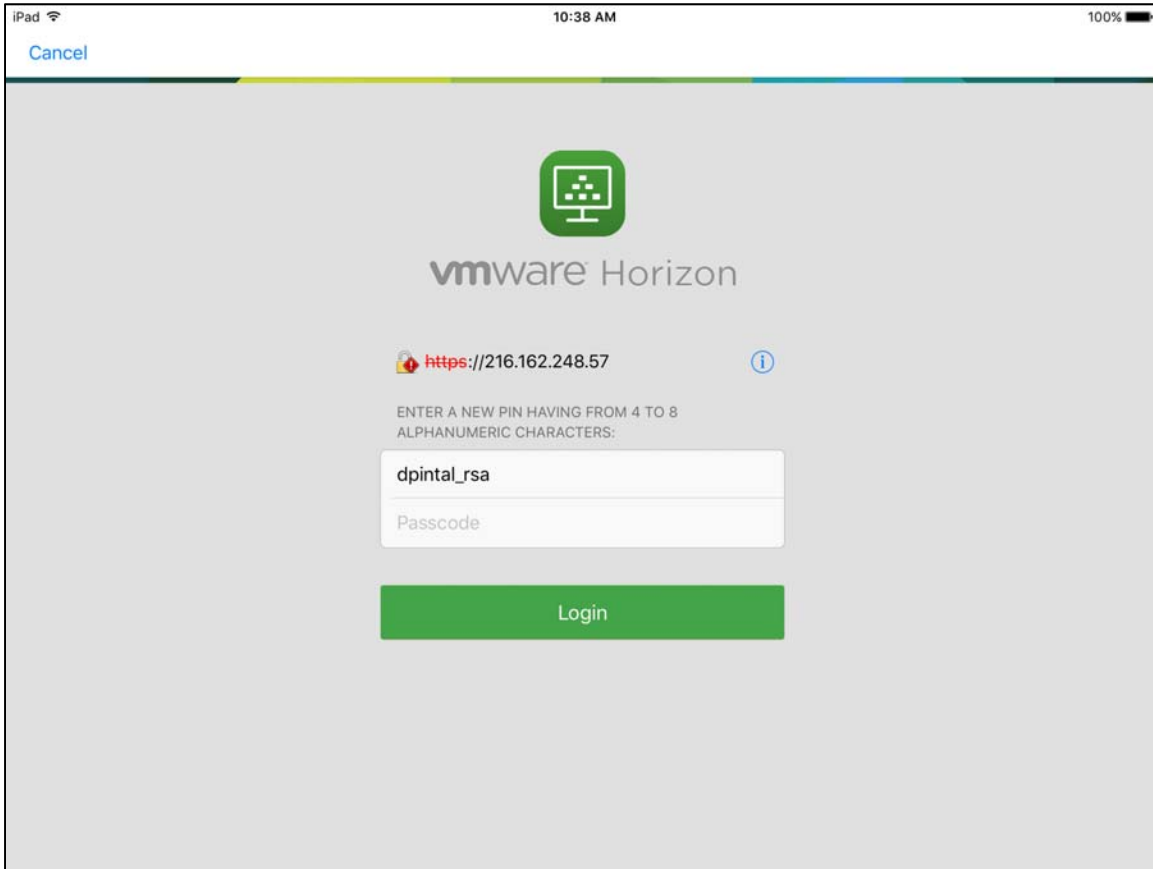
The screenshot shows the same 'Login' dialog box, but the main text now reads: 'Enter 1 for Approve or 2 for more options'. The 'Server:' field remains 'https://pe057.rsa.pe-lab.com' and the 'Next Code:' field is still empty. The 'Login' and 'Cancel' buttons are at the bottom right.

Mobile iOS

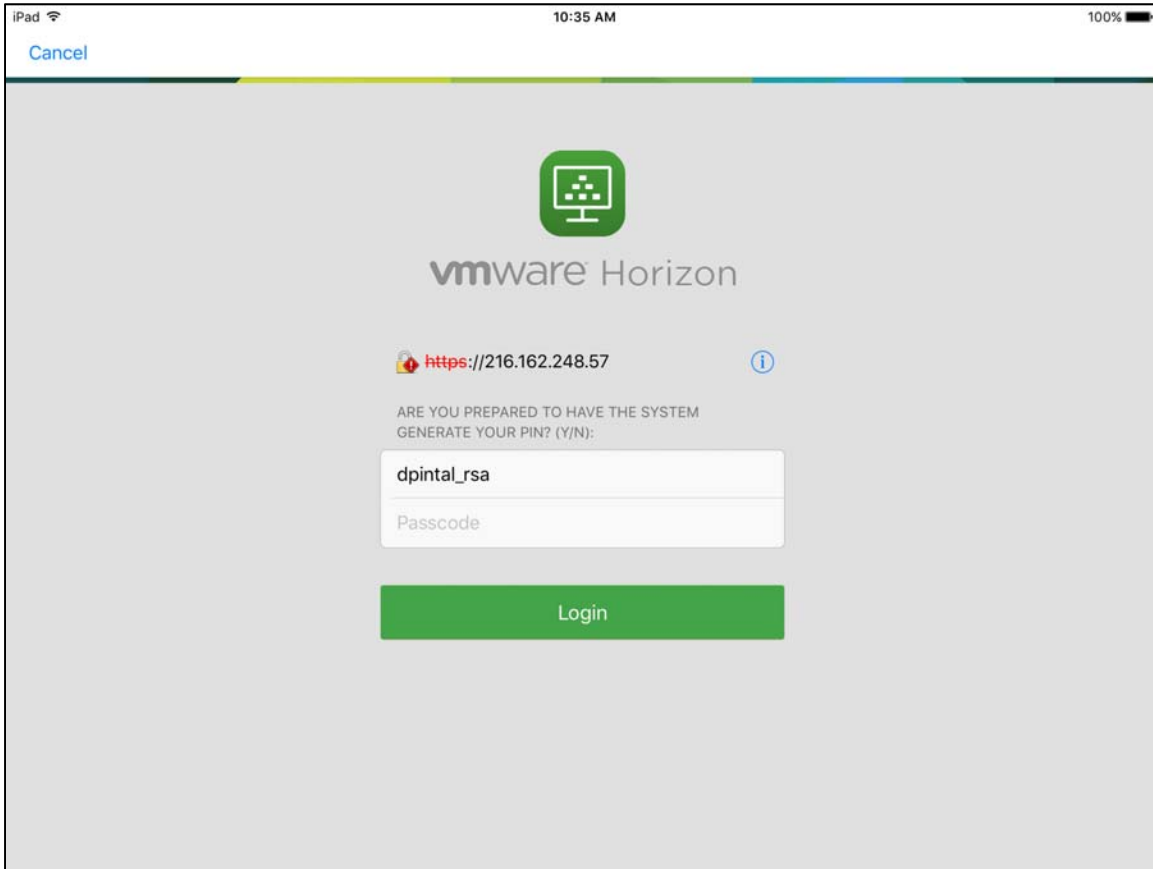
Login screen:



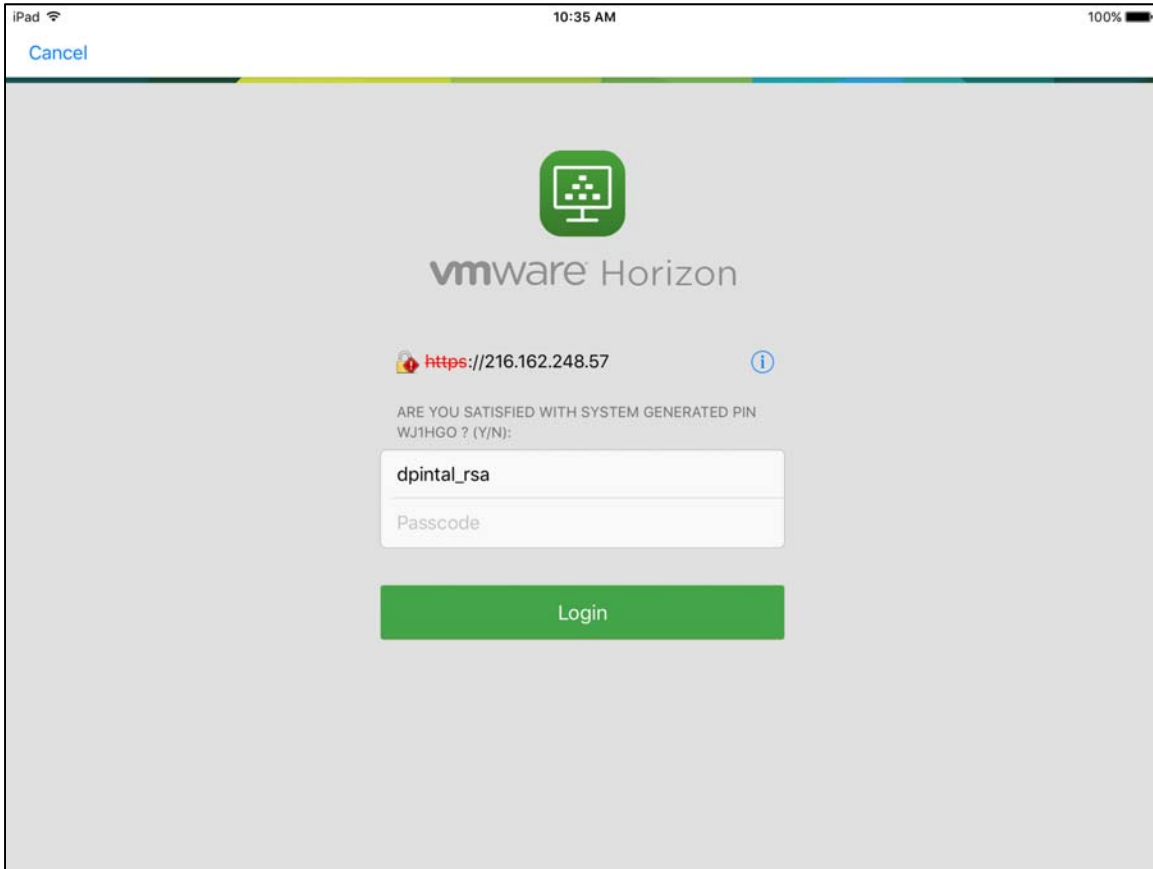
User-defined New PIN:



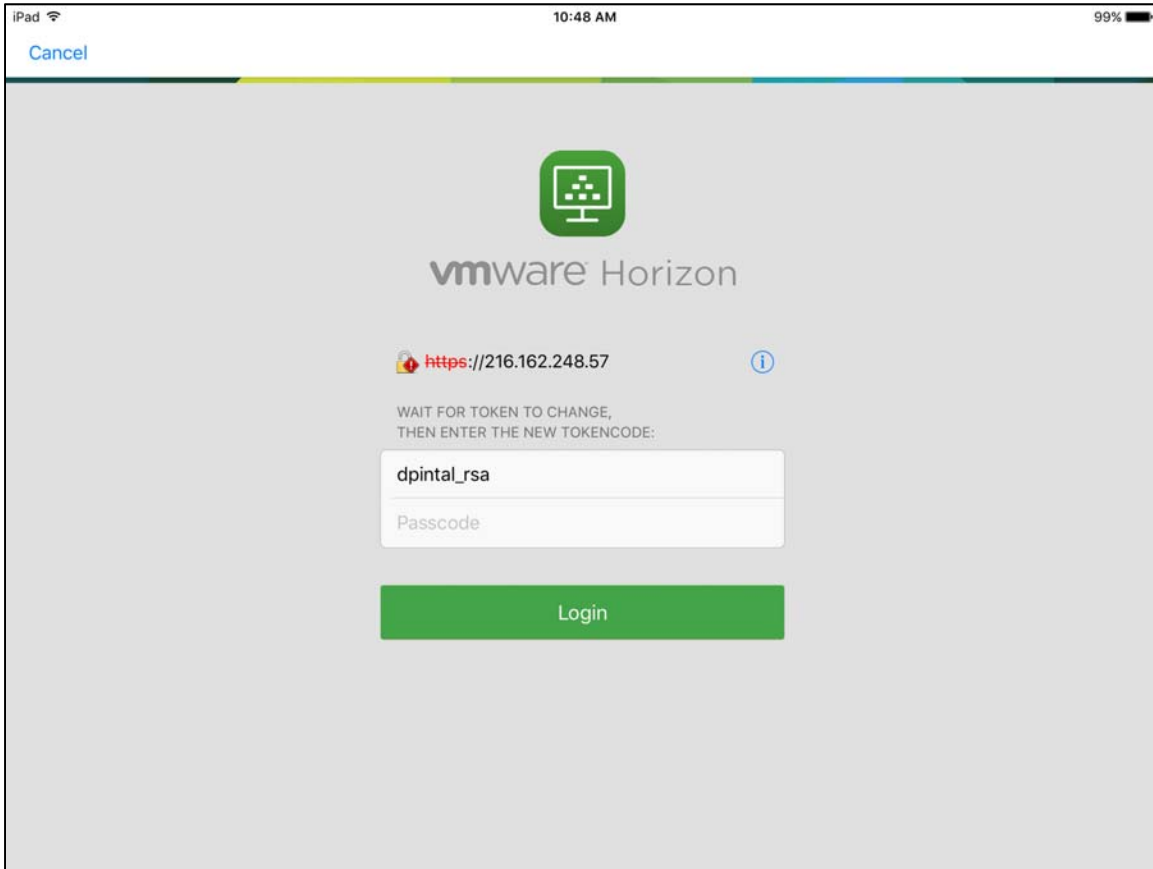
System-generated New PIN (Initial):



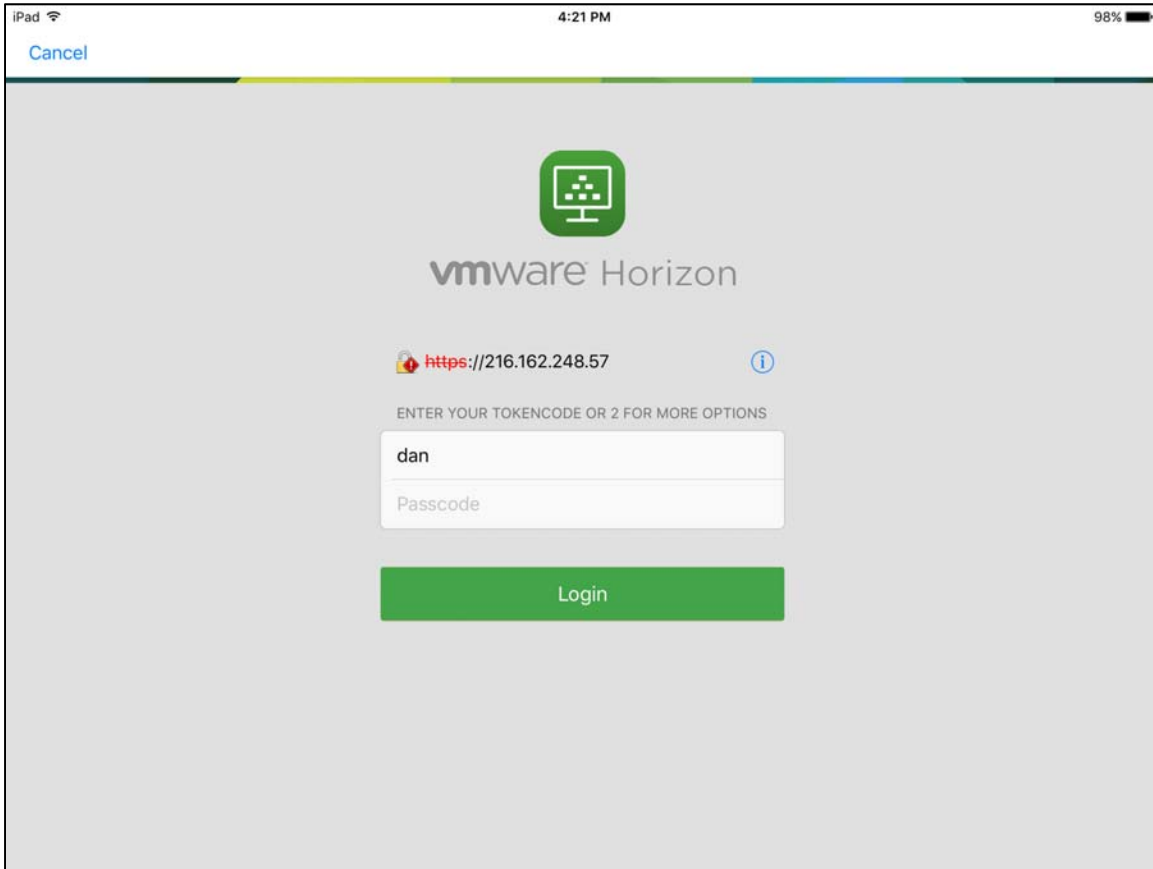
System-generated New PIN (Secondary)::



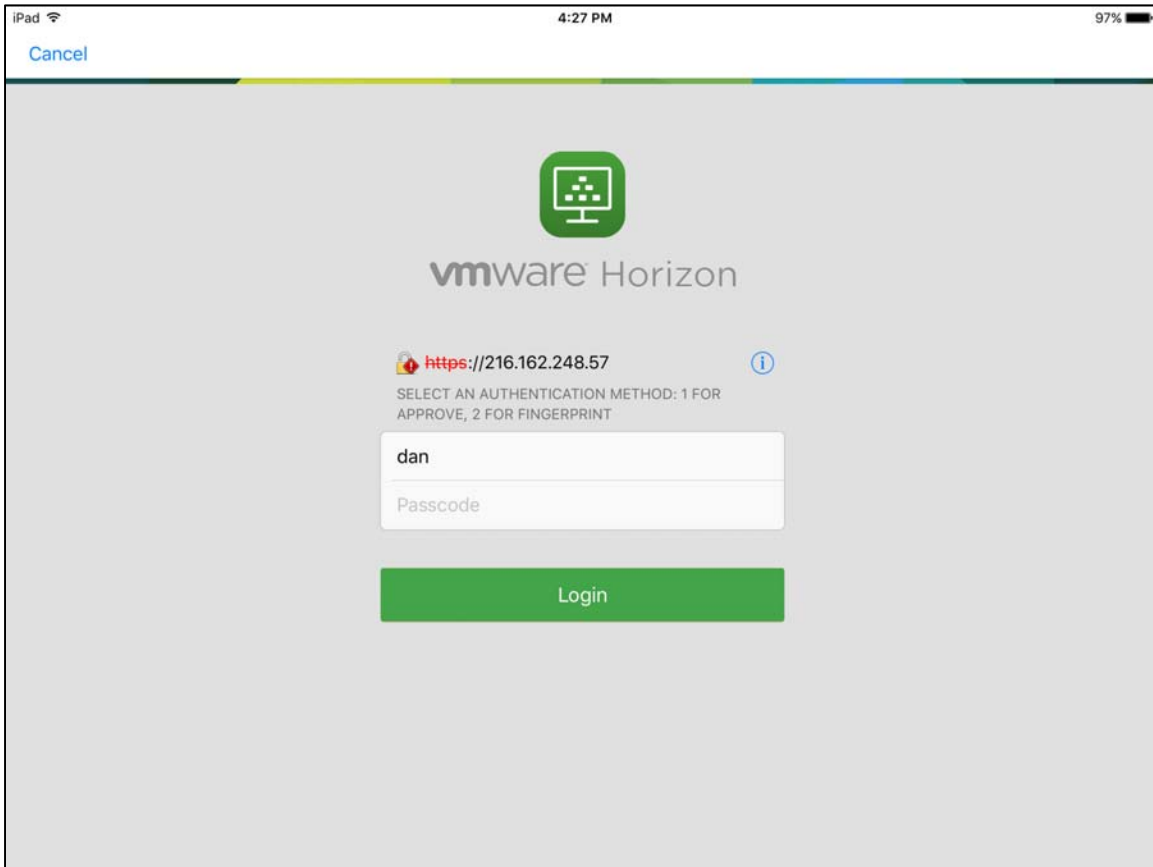
Next Tokencode:



Authentication Method Selection – Initial Prompt (Access only):

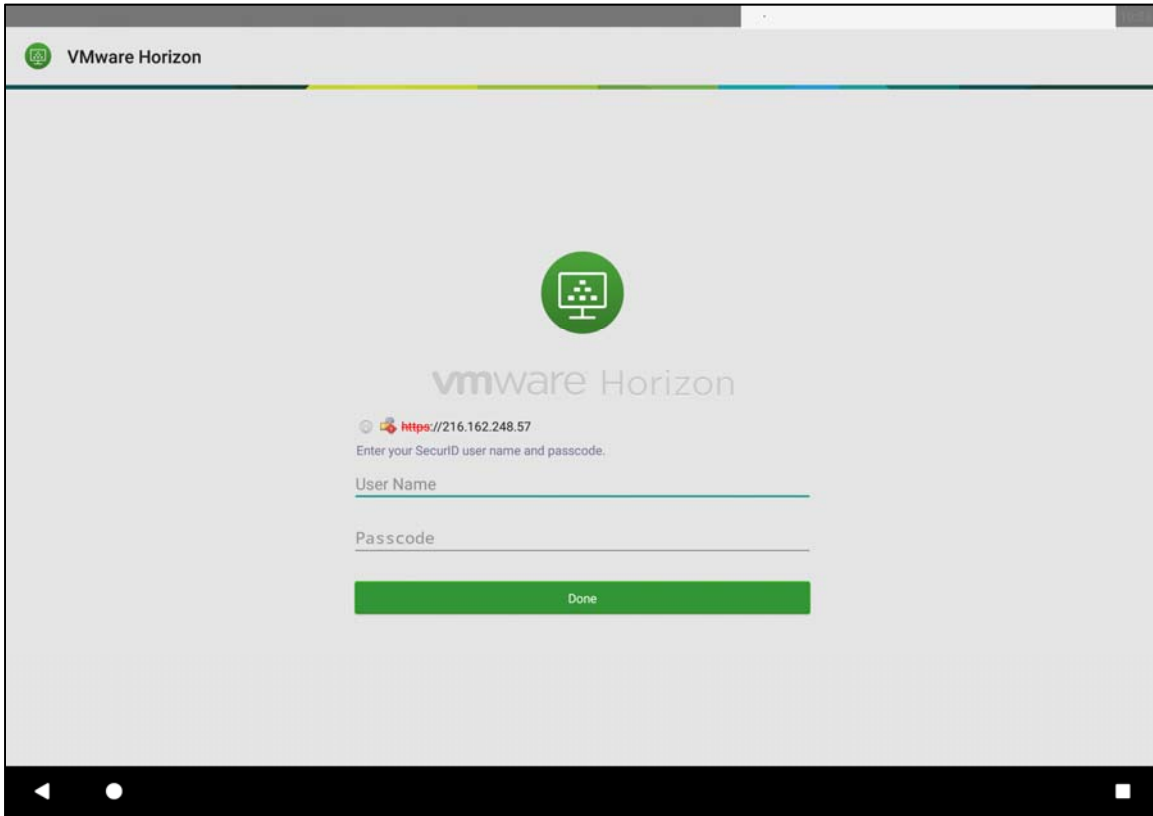


Authentication Method Selection – Secondary Prompt (Access only):

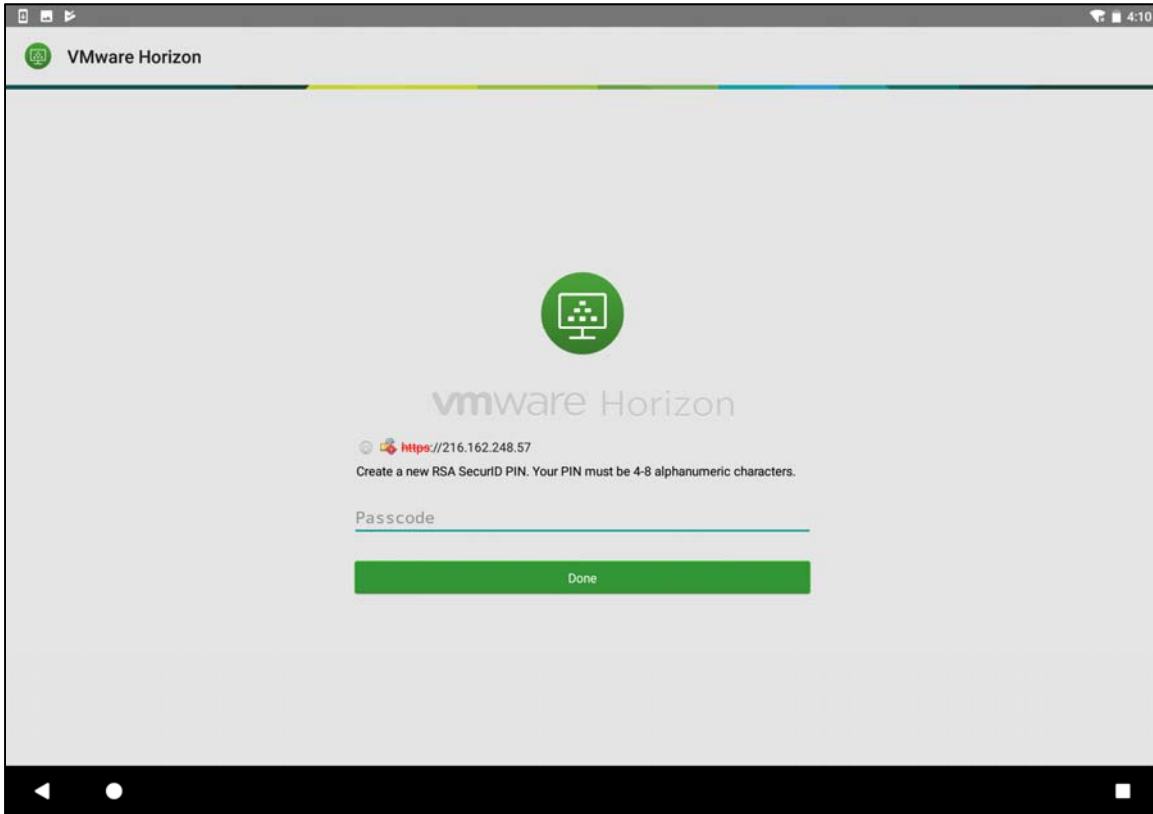


Mobile Android

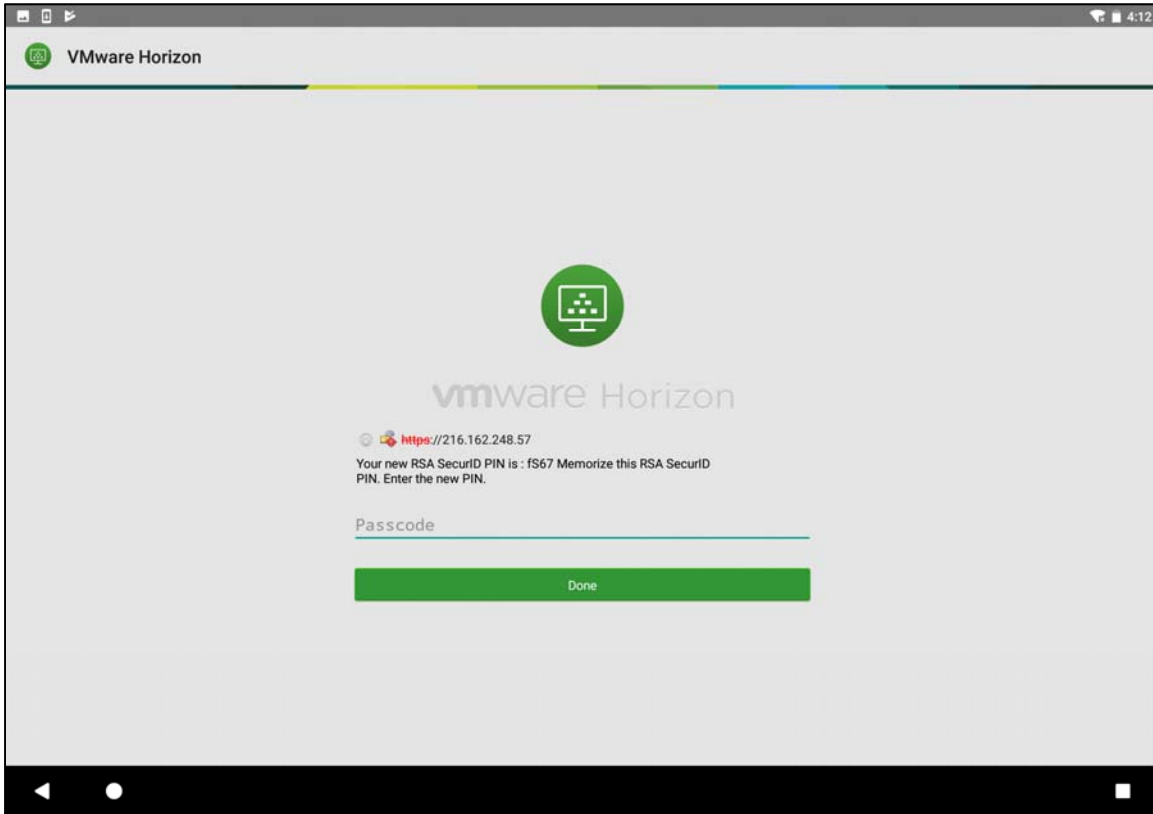
Login screen:



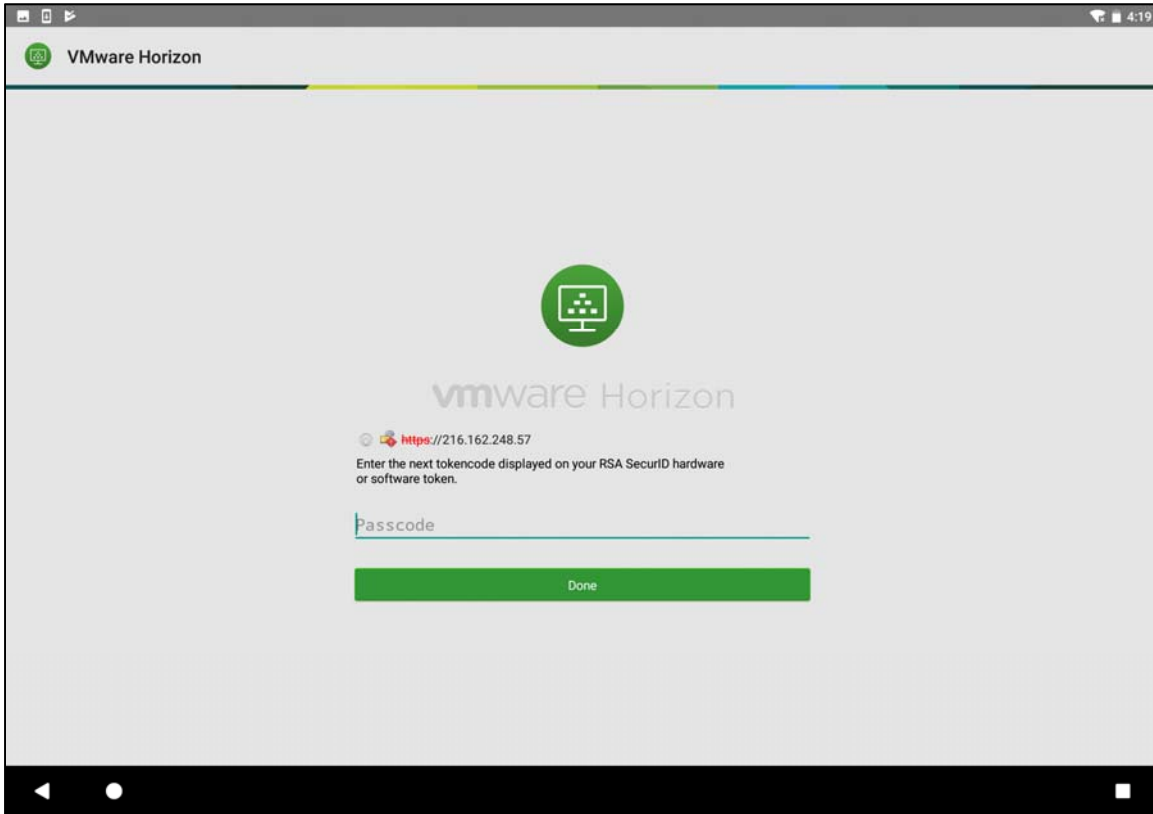
User-defined New PIN:



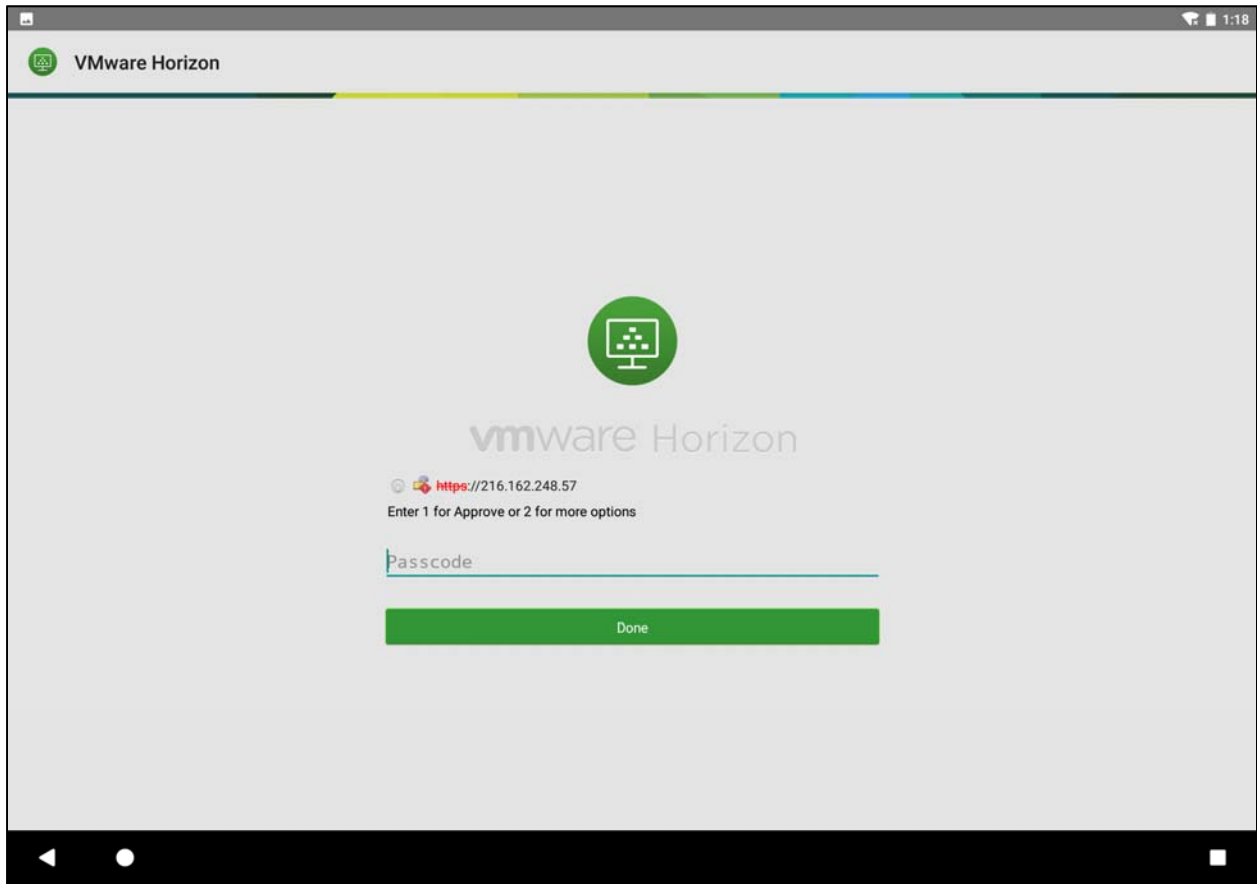
System-generated New PIN:



Next Tokencode:



Authentication Method Selection (Access only):



Certification Checklist for RSA SecurID Access

Cloud Authentication Service

Certification Environment Details:

RSA Authentication Manager 8.2, Virtual Appliance

VMware Horizon View Server 7.2, Windows 2012 R2

VMware Horizon View Client 4.5, Windows 10

VMware Horizon View Client 4.5, Android

VMware Horizon View Client 4.5, iOS

RADIUS

Date Tested: September 14, 2017

	Windows	OS X	Android	iOS	Other
RSA SecurID	✓	✓	✓	✓	N/A
LDAP Password	✓	✓	✓	✓	N/A
Authenticate Approve	✓	✓	✓	✓	N/A
Authenticate Tokencode	✓	✓	✓	✓	N/A

✓ = Pass ✗ = Fail N/A = Non-Available Function

Certification Checklist for RSA SecurID Access

RSA Authentication Manager

Certification Environment Details:

RSA Authentication Manager 8.2, Virtual Appliance

VMware Horizon View Server 7.2, Windows 2012 R2

VMware Horizon View Client 4.5, Windows 10

VMware Horizon View Client 4.5, Android

VMware Horizon View Client 4.5, iOS

RSA SecurID Authentication

Date Tested: September 14, 2017

	Windows	Mac	Android	iOS	Other
REST	N/A	N/A	N/A	N/A	N/A
UDP Agent	✓	✓	✓	✓	N/A
TCP Agent	N/A	N/A	N/A	N/A	N/A
RADIUS	✓	✓	✓	✓	N/A

✓ = Pass ✗ = Fail N/A = Non-Available Function

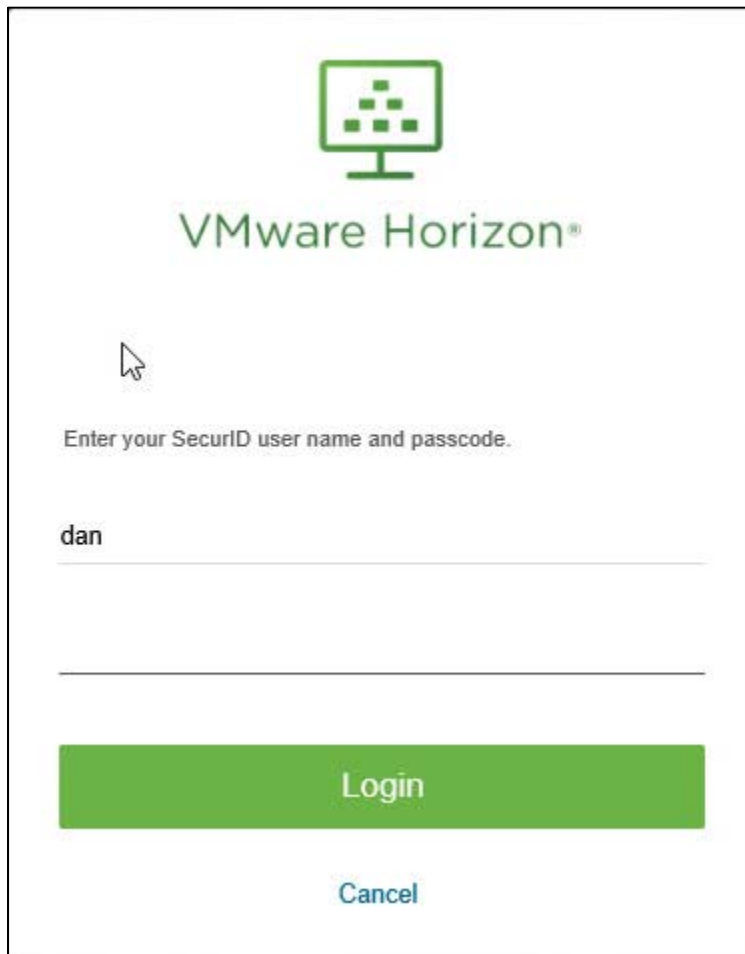
Known Issues

The integration between Horizon View and RSA SecurID Access (RSA Cloud offering supporting RSA SecurID RADIUS & Authenticate), requires a note to administrators and users.

RSA SecurID Access (RADIUS)

The user interaction differs from the RSA Authentication Manager 8.2 in that the user is required to provide their LDAP username/password at the initial logon screen, not SecurID user name and passcode as prompted on the initial login screen (See Login screen below). Once the user correctly enters their LDAP username/password they are subsequently prompted for their tokencode, provided they have set their Token PIN (See Enter the Tokencode below).

Login screen 1:



VMware Horizon®

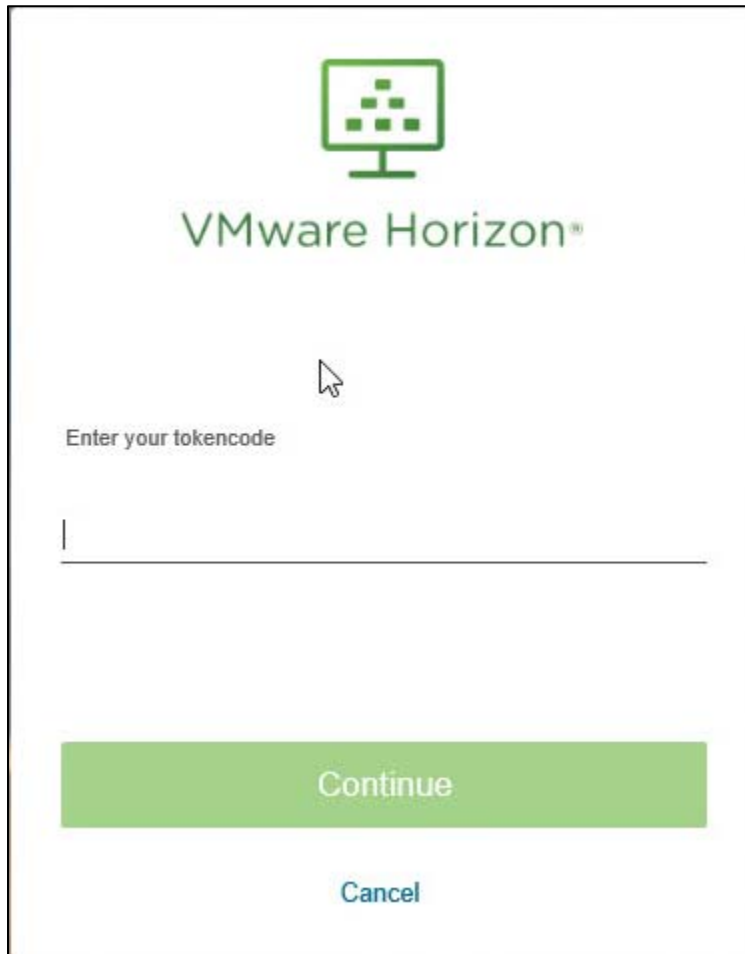
Enter your SecurID user name and passcode.

dan

Login

Cancel

Enter the Tokencode:



VMware Horizon®

Enter your tokencode

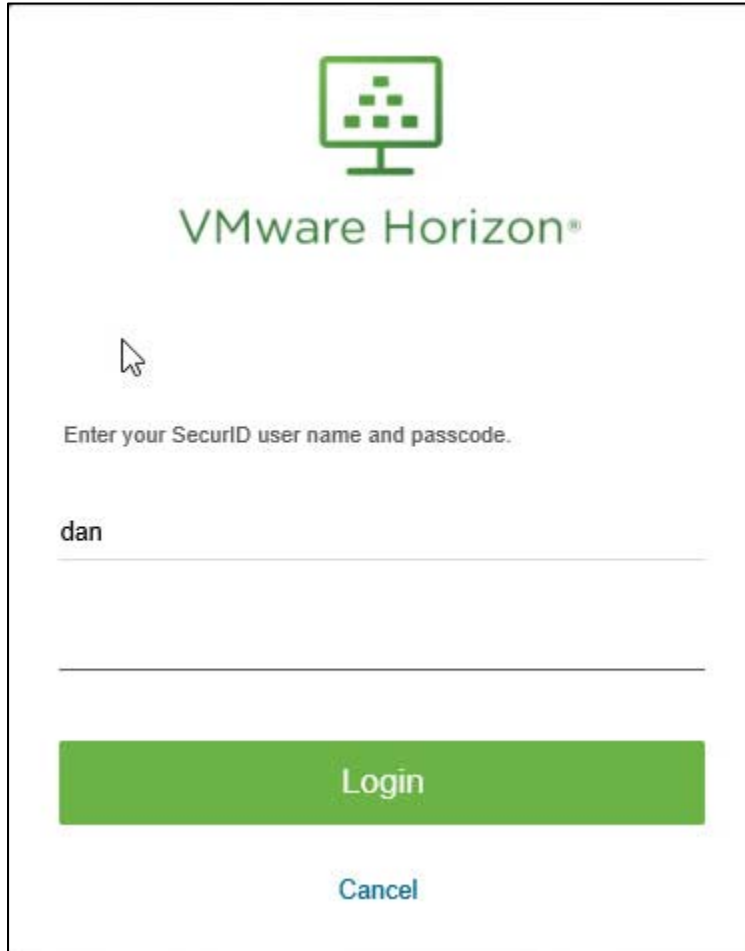
Continue

Cancel

RSA SecurID Access (Authenticate/Swipe)

Similarly, using the Authenticate/Swipe RSA Authentication method the user provides an LDAP username/password, not SecurID user name and passcode as prompted on the initial login screen (See Login screen below). After the user correctly enters their LDAP username/password they are subsequently prompted to enter 1 for Authenticate or 2 for other options (See Authentication Method Selection (Access only) below).

Login screen:



VMware Horizon®

Enter your SecurID user name and passcode.

dan

Login

Cancel

Authentication Method Selection (Access only):



The screenshot shows a VMware Horizon authentication dialog box. At the top center is a green icon of a computer monitor with a grid of dots on the screen. Below the icon, the text "VMware Horizon®" is displayed in a green font. Underneath, there is a prompt: "Enter 1 for Approve or 2 for more options". Below this prompt is a horizontal input field with a mouse cursor pointing to its left side. At the bottom of the dialog, there are two buttons: a large green button labeled "Continue" and a smaller blue button labeled "Cancel".