



RSA SecurID® Token Record Decryption Guide

To ensure the security of your RSA SecurID authenticators (tokens), RSA encrypts the token records that come with your order. Before you can distribute tokens to users, you must decrypt the token records, obtain the password, and import the records into your server as described in this document.

Get Started

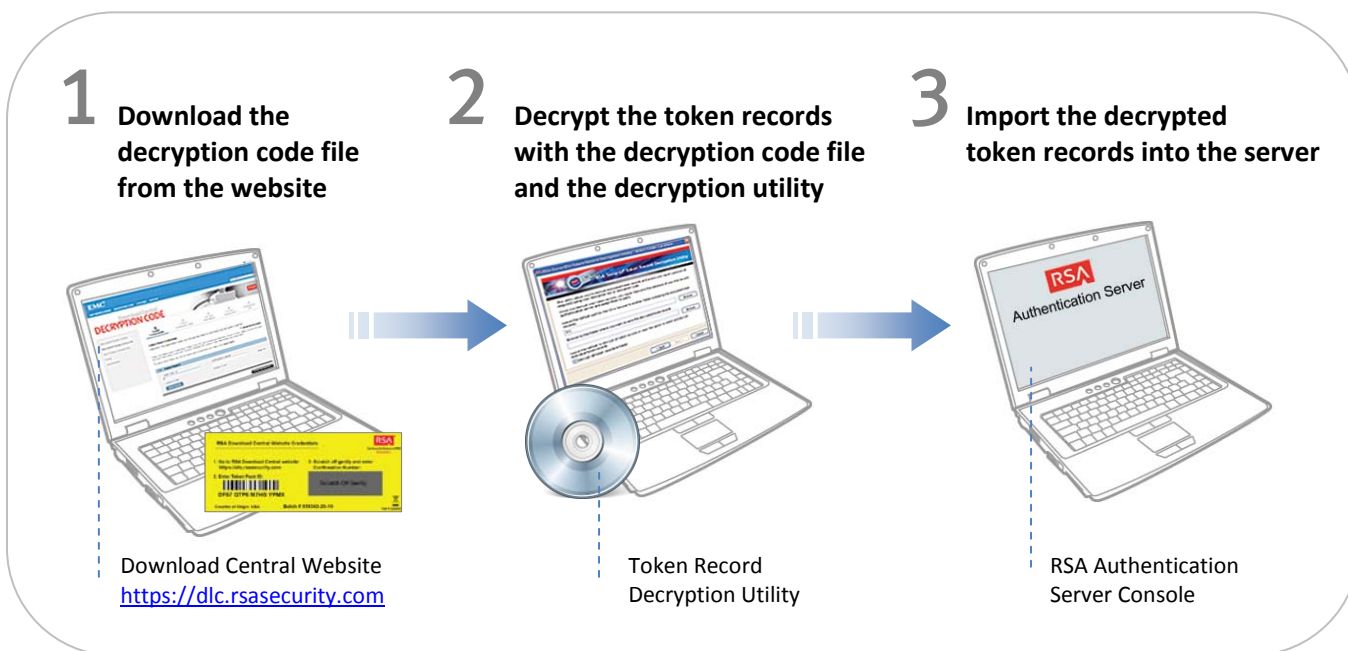
When your RSA SecurID token package arrives, you receive the following:



Contact RSA Customer Support if you do not receive all your items or if you suspect any tampering with the package. See [Contact Us](#) for details.

Review the Decryption Process

To decrypt the token records on your RSA SecurID Token Records CD, you do the following in this order:



The following steps provide more details on each phase of the decryption process:

- 1. Download the Decryption Code File:** Use the information on the RSA Download Central Website Credentials label to download your decryption code file from the RSA Download Central site (<https://dlc.rsasecurity.com>). Once you open a browser and go to the site, you can enter the credentials shown on the label and follow the prompts to download a **decryption code file**. A decryption code file contains one or more decryption codes unique to your token records. The website automatically zips the file and prompts you to protect it with a password before you can download it. You must remember this password to perform step 2. For security, this is a one-time process. You cannot download the same decryption code file twice.
- 2. Decrypt the Token Records:** Copy the decryption code zip file to a scanned USB storage device. Write down or remember the password to open the zip file. Then bring the copy of the file and the RSA SecurID Token Records CD to a secure computer running Windows XP Service Pack 3 or later. You may want to use the computer where you access your RSA authentication server console. Then insert the CD into the DVD/CD drive. The CD automatically opens the **RSA SecurID Token Record Decryption Utility**. (If your computer does not use the AutoRun feature, open Windows Explorer, browse to the CD, and double-click **RSASecurIDTokenRecordDecryptionUtility.exe**.) The utility prompts you to browse to the decryption code zip file and enter the password you created for the zip file. Once you enter the password, the utility accesses the code and decrypts your token records. The utility produces two files: decrypted token records (XML file) and import password (text file).
- 3. Import the Token Records into the Server:** Log on to your RSA authentication server and use the Import Tokens options to browse to the decrypted token records and enter the import password. (You can open the text file and copy the password from the file to paste it in the server field.) The server then imports the decrypted token records into the database.

After you import the token records, assign them to user accounts as described in the documentation that came with your server. You can then distribute the hardware tokens to the appropriate users.

This guide contains step-by-step instructions on each phase of the decryption process. To ensure the protection of your users' tokens, you can also find details on how to securely store your decryption tools and any copies of your decrypted token records and the corresponding password file. For support information, see [Contact Us](#).

Important: Protect all the materials related to your token order. If you lose these materials (Token Records CD, decryption code file, or password for the zip file), you put the security of the tokens at risk and may need to purchase token replacements.


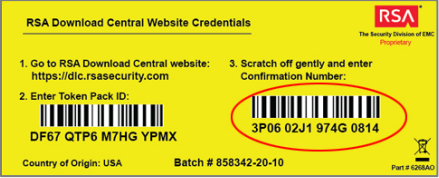
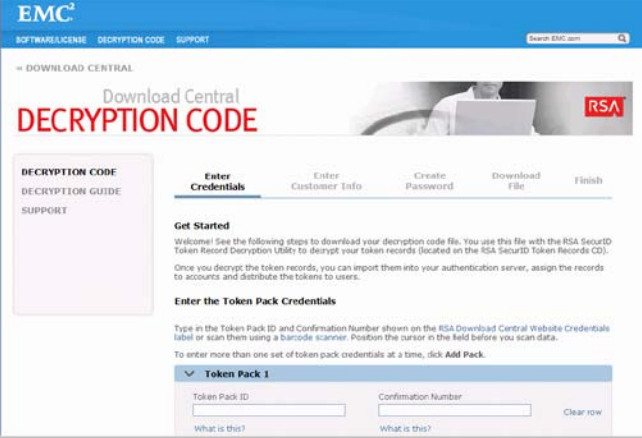
Next Steps

Download the decryption code zip file from <https://dlc.rsasecurity.com> as described in [1: Download the Decryption Code File](#) so you can begin the decryption process.

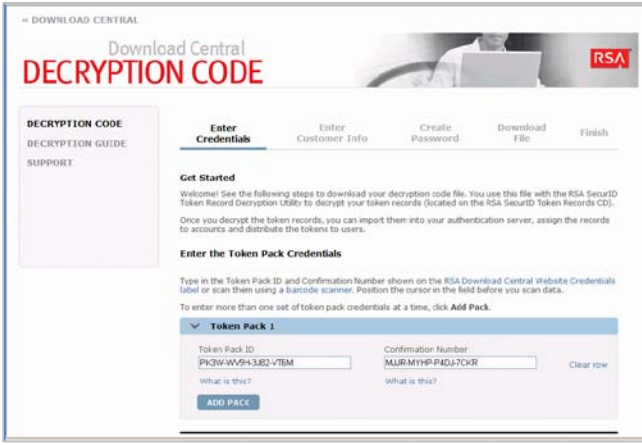
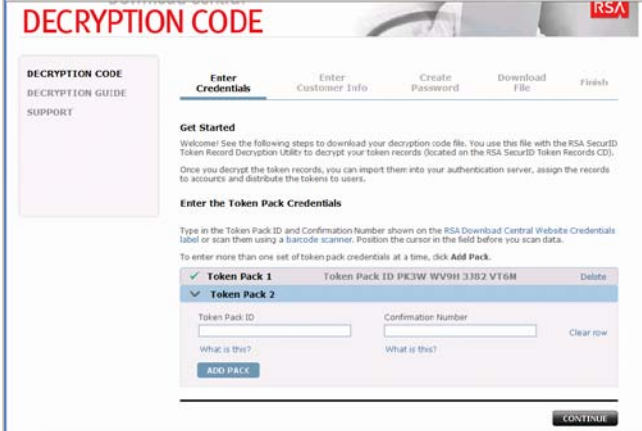
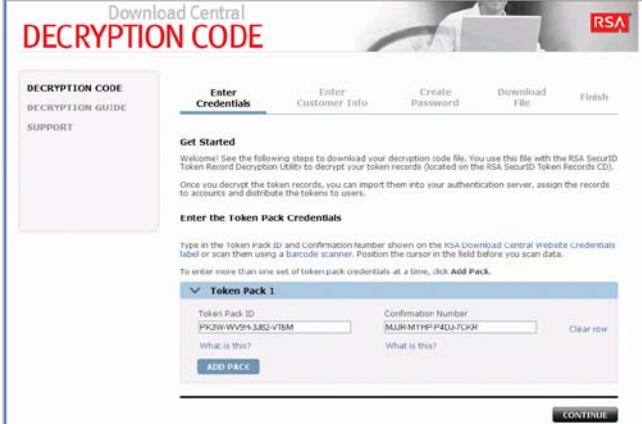
1: Download the Decryption Code File

This section describes how to download the decryption code file for your token records from the RSA Download Central Website (<https://dlc.rsasecurity.com>). Once you download this file, you need to use it with the RSA SecurID Token Record Decryption Utility as described in [2: Decrypt the Encrypted Token Records](#).

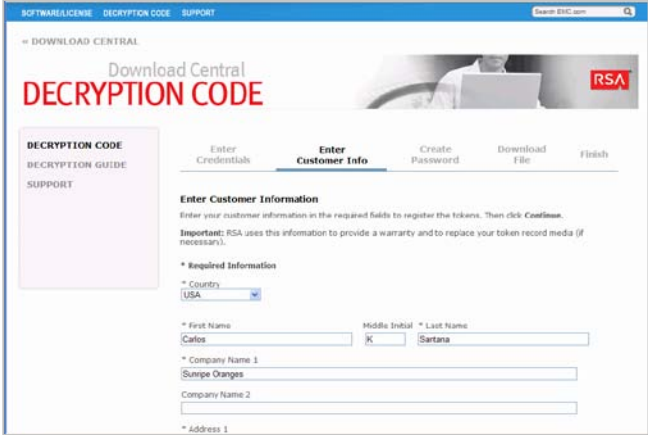
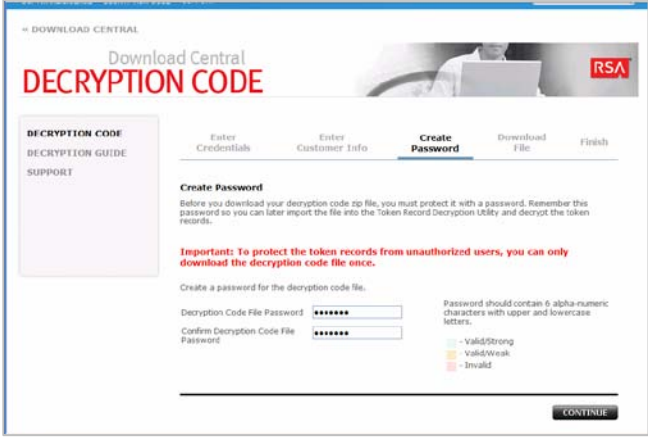
To download the decryption code file:

<p>1</p>	<p>Open the token package and locate the RSA Download Central Website Credentials label pasted inside the folder. Make sure the Token Pack ID on the label matches the Token Pack ID on the RSA SecurID Token Records CD.</p>	
<p>2</p>	<p>Scratch off the grey sticker gently to reveal the Confirmation Number and barcode.</p>	
<p>3</p>	<p>Open your browser and go to the Download Central Website: https://dlc.rsasecurity.com.</p>	

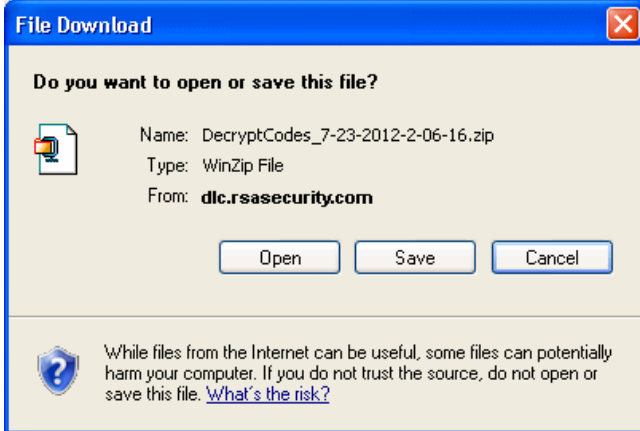
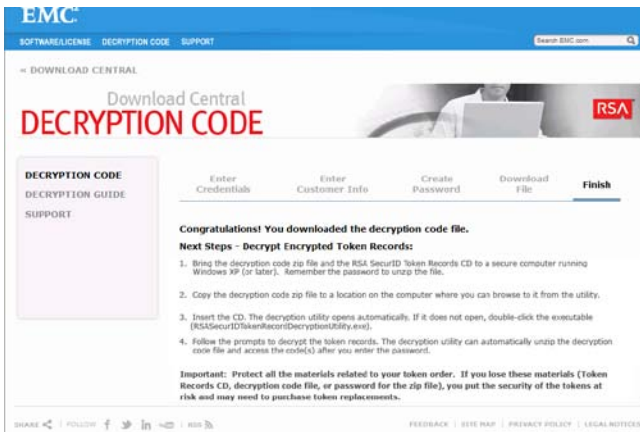
Download the Decryption Code File, Continued

<p>4</p>	<p>Enter the credentials shown on the label in the appropriate fields on the web page: Token Pack ID and Confirmation Number. You can enter them manually or scan the barcodes using a scanner.</p> <hr/> <p>Note: If you use a scanner, position the cursor in the first field where you want to enter the scanned information.</p> <hr/>	
<p>5</p>	<p>Do one of the following:</p> <ul style="list-style-type: none"> ▪ If you do not need to enter credentials for another token pack, skip to step 6. ▪ If you need to enter credentials for another token pack, click Add Pack and repeat step 4. 	
<p>6</p>	<p>Press Continue to submit the token pack credentials.</p>	

Download the Decryption Code File, Continued

<p>7</p>	<p>Enter your customer information in the required fields to register the token information. RSA uses this information to provide a warranty and replace token media (if necessary). When done, click Continue.</p>	
<p>8</p>	<p>Enter and confirm a password to zip the decryption code file and protect it with a password. Then press Continue to start the download process.</p> <hr/> <p>Important: Remember this password! You need to enter it later when you use the file with the Token Record Decryption Utility. For your convenience, you can write it here:</p> <hr/>	

Download the Decryption Code File, Continued

<p>9</p>	<p>Press Save. Then browse to a location where you want to save the file and click Save again.</p> <p>If your browser has Pop-Up Blocker enabled to block the download of files, click Download Now from the page or Click here for options from the information bar message to access the Download File option.</p> <hr/> <p>Important: You can only download your decryption code file once! Make a note of the filename (always DecryptCodes_<month-day-year-time>.zip) and the location where you save it. If you entered multiple token packs during one session, all of your decryption codes are in one zip file.</p> <hr/>	
<p>10</p>	<p>Press Continue to finish the download process.</p>	

Next Steps

After you download the Decryption Code file (**DecryptCodes_<month-day-year-time>.zip**), you use it with the Token Record Decryption Utility to decrypt your token records. You now need to:

1. Copy the decryption code zip file to a storage device, for example, a scanned USB device. Write down or remember the password for the decryption code file. Bring the copy of the file and the RSA SecurID Token Records CD to the computer where you plan to run the decryption utility. (The encrypted token records and decryption utility are on the RSA SecurID Token Records CD.) Choose a secure computer that supports Windows XP Service Pack 3 or later. For example, you may use the computer where you access your RSA authentication server.
2. Remember the password for the zip file. The utility prompts you to enter it.
3. Follow the steps in [2: Decrypt the Encrypted Token Records.](#)



2: Decrypt the Encrypted Token Records

This section describes how to decrypt the token records with the Token Record Decryption Utility using the decryption code file you just downloaded from RSA Download Central. Once you decrypt the token records, the utility produces two files: decrypted token records (XML file) and import password (text file). You use the password to import the token records into your RSA authentication server.


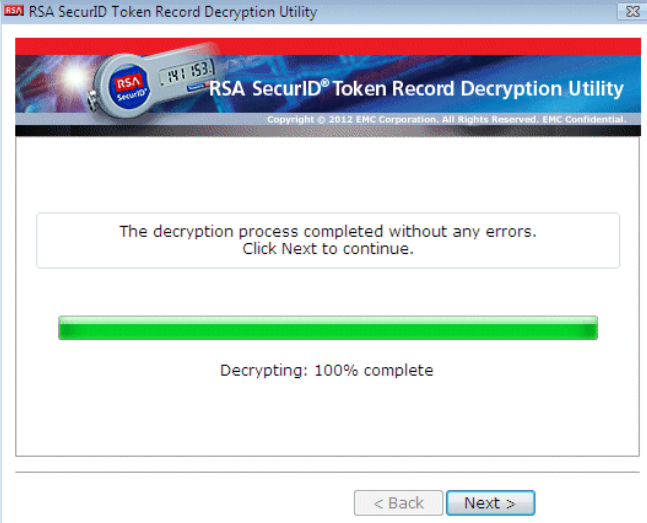
The RSA SecurID Token Record Decryption Utility is on the RSA SecurID Token Records CD that came with your order. It can automatically run on the following operating systems:

- Windows XP SP3, 32-bit and 64-bit, Professional editions
- Windows 7 SP1, 32-bit and 64-bit, Enterprise and Professional editions
- Windows Server 2003 R2, 32-bit and 64-bit, Standard and Enterprise editions
- Windows Server 2008 R2, 64-bit, Standard, Enterprise, Datacenter, and Web Server editions



To decrypt the token records:

<p>1</p>	<p>Use a secure computer to run the decryption utility. For example, you may want to use the computer where you access your RSA authentication server.</p> <p>Copy the decryption code zip file (DecryptCodes_<month-day-year-time>.zip) you downloaded from RSA Download Central to a location on the computer.</p>	
<p>2</p>	<p>Insert the RSA Token Records CD into the DVD/CD drive of your computer. The Welcome screen opens automatically. Review the Welcome message, then click Next.</p> <hr/> <p>Important: Do not remove the CD from the drive until you complete the final step and close the utility. If the AutoRun feature is not enabled on your computer, the utility cannot automatically run. You must open Windows Explorer, browse to the CD, and double-click the decryption utility executable (RSASecurIDTokenRecordDecryptionUtility.exe) to open the utility.</p> <hr/>	

Decrypt the Encrypted Token Records, Continued

<p>3</p>	<p>Click Browse to browse to the decryption code zip file you downloaded from the RSA web site (for example, C:\Documents and Settings\Administrator\Desktop\DecryptCodes_7-20-2012-110903.zip). Then enter the password you set to protect the zip file in the Decryption code file password field.</p>	
<p>4</p>	<p>Click Next. The utility displays a status bar as it decrypts the token records. It also decrypts a file that contains the password needed to import the token records into the RSA authentication server. When the decryption process ends, click Next.</p>	

Decrypt the Encrypted Token Records, Continued

<p>5</p>	<p>Review the filenames for the decrypted token records and password file. These files have corresponding batch numbers to help you identify which password goes with which token record file.</p> <p>The utility displays the location where it stores the files (for example, C:\Users\administrator\Documents\RSA\SecurID Decrypted Token Records). To access the files, click Open Folder.</p>	
<p>6</p>	<p>Click Next and review the storage recommendations. When done, select the Acknowledge RSA recommendation option and click Finish and close the utility.</p>	

Next Steps


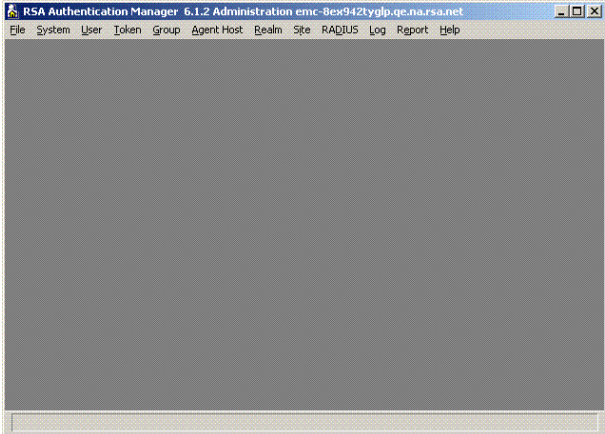
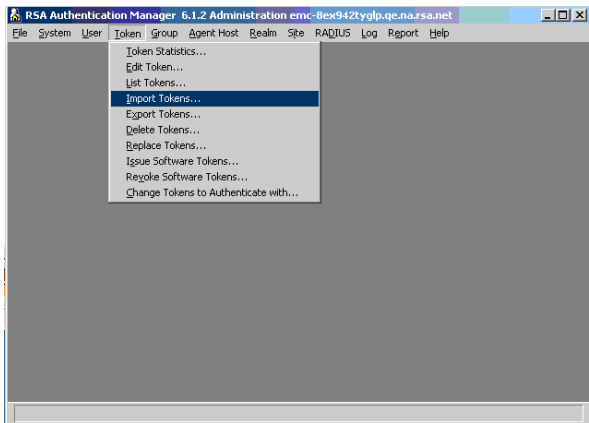
You decrypted your token records and have the password to import the file into the database of the authentication server. You now need to follow the steps in [3: Import the Token Records into the Server](#).

Important: If you downloaded the decryption code file for more than one token pack, insert the RSA SecurID Token Record CD for the next token pack and repeat the steps in this section to run the decryption utility again. You can browse to the same decryption code zip file to decrypt the token records on the CD and obtain the import password.

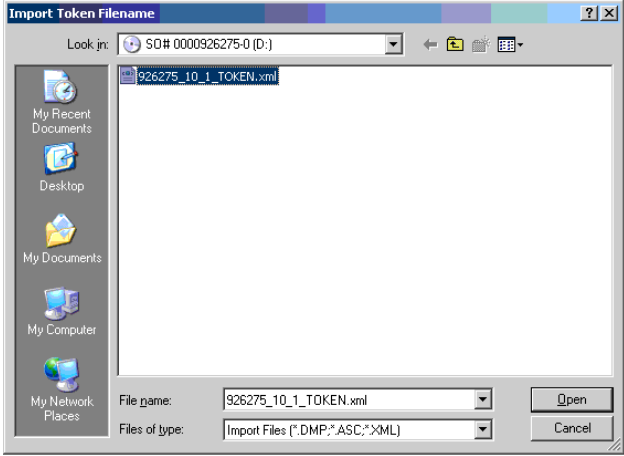

3: Import the Token Records into the Server

This section provides steps to import token records into the database of RSA Authentication Manager 6.1 or 7.1 with a password. See the procedure that applies to you. (If you use another version of an RSA authentication server or you need more information, see the documentation that came with your product.)

To import token records into RSA Authentication Manager 6.1:

<p>1</p>	<p>Copy the decrypted token records and password file (for example, 15126_20_10_TOKEN.xml and 15126_20_10_TOKEN_PASSWORD.txt) to a location you can browse to from the server (if necessary). You decrypted these files when you ran the Token Record Decryption Utility.</p>	
<p>2</p>	<p>Open RSA Authentication Manager Host Mode. For example, on Windows Server 2003, click Start > Programs > RSA Security > RSA Authentication Manager Host Mode.</p>	
<p>3</p>	<p>Click Tokens > Import Tokens.</p>	

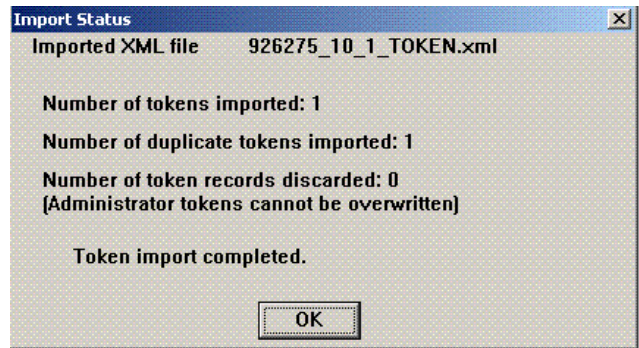
Import Decrypted Token Records into RSA Authentication Manager 6.1, Continued

<p>4</p>	<p>Browse to the token record file, select it, and click Open. The XML File Password dialog box opens.</p>	
<p>5</p>	<p>In the Password field, enter the password as shown in the text file. Do not enter spaces. (The characters do not display as you enter them.) Click OK.</p>	

Import Decrypted Token Records into RSA Authentication Manager 6.1, Continued


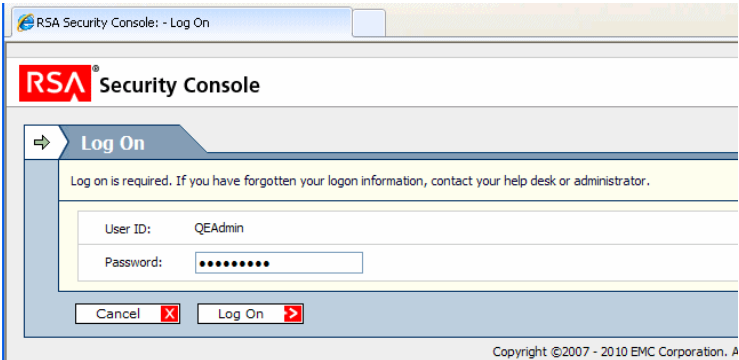
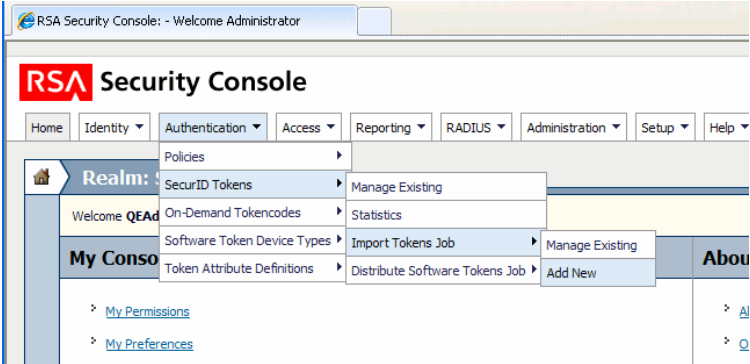
- 6 Do one of the following:
- If the token records do not already exist in the database, you see an Import Status success message. Click **OK**.
 - If the token records already exist in the database, you see the Duplicate Serial Number Token dialog box. Select one of the following:
 - **Discard incoming token record**
 - **Overwrite existing token record**
 - **Discard ALL duplicate serial # token records**
 - **Overwrite ALL duplicate serial # token records**
- Then click **OK**. (If you chose to overwrite records, click **OK** to confirm when prompted.) At the Import Status success message, click **OK**.

Note: If you overwrite token records previously assigned to standard user accounts, the system clears the assigned status and deletes the existing PINs. Those users can no longer use their tokens (unless you reassign them). However, the system cannot overwrite token records assigned to administrator accounts.


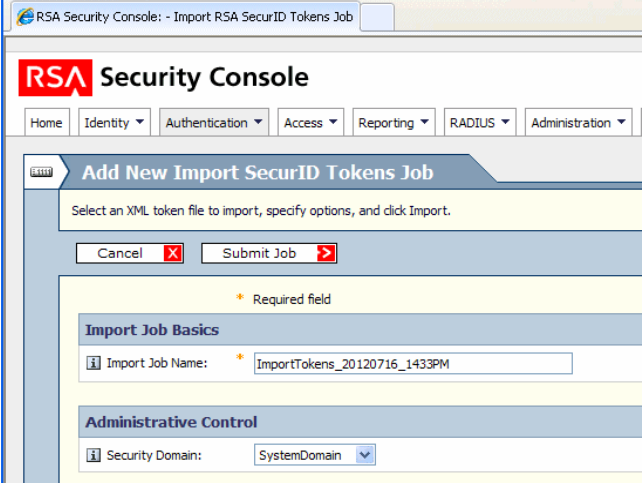


See [Next Steps](#) at the end of this section.

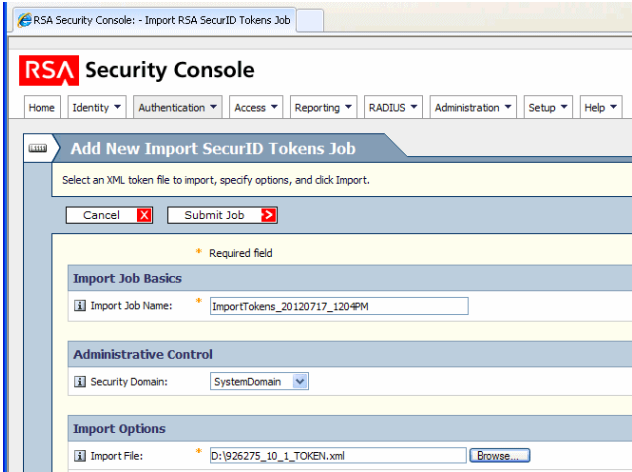
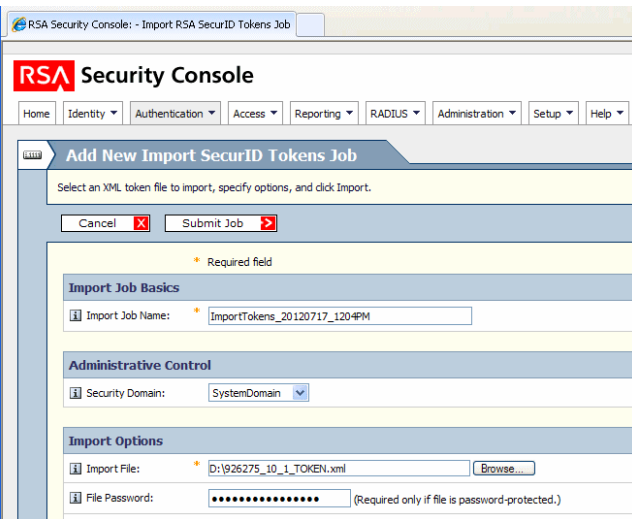
To import token records into RSA Authentication Manager 7.1:

<p>1 Copy the decrypted token records and password file (for example, 15126_20_10_TOKEN.xml and 15126_20_10_TOKEN_PASSWORD.txt) to a location you can browse to from the server (if necessary). You decrypted these files when you ran the Token Record Decryption Utility.</p>	
<p>2 Open your browser and go to the RSA Security Console website. Log on with your administrator account.</p>	
<p>3 Click Authentication > SecurID Tokens > Import Tokens Jobs > Add New.</p>	

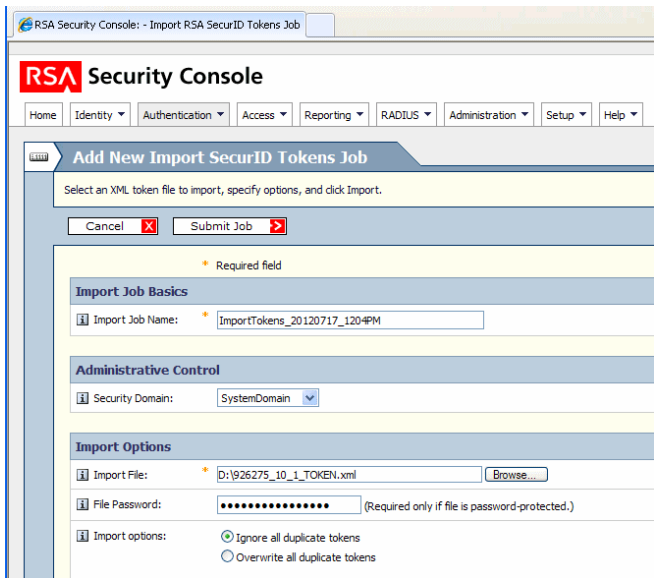
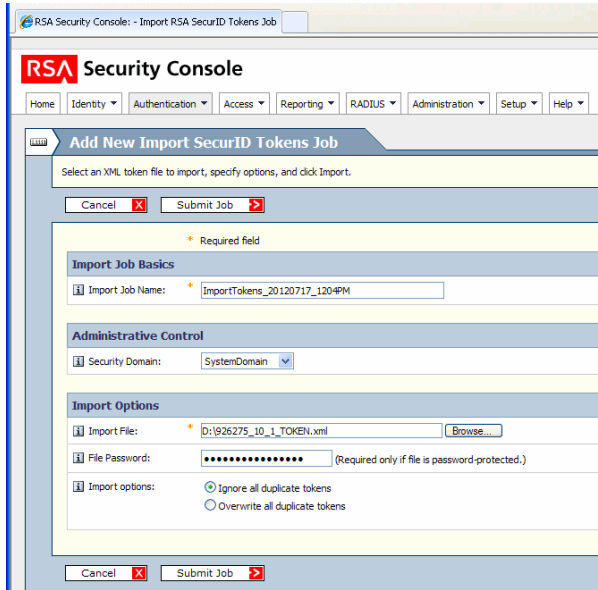
Import Decrypted Token Records into RSA Authentication Manager 7.1, Continued

<p>4 In the Import Job Name field, leave the default name for the job or enter a new one (up to 128 characters). Do not use special characters (for example, &, %, >, <).</p>	
<p>5 In the Security Domain field, select the domain where you want to import the token records.</p>	

Import Decrypted Token Records into RSA Authentication Manager 7.1, Continued

<p>6 In the Import File field, click Browse to browse to the location of the token record file.</p>	
<p>7 In the File Password field, enter the password as shown in the text file. Do not enter spaces.</p>	

Import Decrypted Token Records into RSA Authentication Manager 7.1, Continued

<p>8 In the Import Options field, leave the default of Ignore all duplicate tokens for the job to import all token records except duplicates (if any exist). Or, select Overwrite all duplicate tokens for the job to overwrite existing token records assigned to users.</p> <hr/> <p>Note: If you overwrite token records previously assigned to standard user accounts, the job clears the assigned status and deletes the existing PINs. Those users can no longer use their tokens (unless you reassign them). However, the job cannot overwrite token records already assigned to administrator accounts.</p> <hr/>	 <p>The screenshot shows the 'Add New Import SecurID Tokens Job' form in the RSA Security Console. The 'Import Options' section is expanded, showing two radio button options: 'Ignore all duplicate tokens' (which is selected) and 'Overwrite all duplicate tokens'. Other fields include 'Import Job Name' (ImportTokens_20120717_1204PM), 'Security Domain' (SystemDomain), and 'Import File' (D:\926275_10_1_TOKEN.xml).</p>
<p>9 Click Submit Job to import the token records.</p>	 <p>This screenshot is identical to the previous one, but the 'Submit Job' button is highlighted with a red border, indicating the next step in the process.</p>

Next Steps

You can now assign the token records to user accounts and define any authentication settings as described in the Help that came with your server. When ready, distribute the hardware tokens to the appropriate users.

Once you import the token records, you can store the label, CD, and any copies you want to make of the decrypted token records (if any) as described in [Store Token Record Media](#).

Store Token Record Media

This section provides details on how you can protect your token records once you receive the media from RSA and decrypt the token record files.

RSA encrypted the token records to protect them in transit to you. After you decrypt the token records, RSA strongly recommends that you:

- Create a password-protected zip file that contains the decrypted token record file and corresponding password file. These files should reside on the computer where you ran the decryption utility.
- Store the protected file (with decrypted token records and password file) and the remaining RSA token media (CD, label, instructions) in a locked drawer or safe.
- Delete the decrypted token records and password file from the computer where you ran the decryption utility after you store a protected copy.

Contact Us

RSA SecurCare Online	https://knowledge.rsasecurity.com
Customer Support Information	http://www.emc.com/support/rsa/index.htm

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