DigiCert User Guide

Version 3.3

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1 User Management

Before you start to use your DigiCert Account, work with your DigiCert account representative to set up your account structure (Divisions and Subdivisions) and permissions. Depending on how your account is structured, some of the features discussed in this section may not be included in your Division, Subdivision, or in your account altogether.

For example, in the **How to View Account Users** instruction, you may not be able to use the **Division** drop-down list to view users in other Divisions.

1.1 Roles and Account Access

Account administrators do not assign permissions to individual users. Instead, they assign each user a role (Administrator or User). The role assigned to the user determines which Division account features they can access.

During account set up with your DigiCert representative, you create your account structure (`divisions) and define what permissions the Administrator and Users roles can access at each Divisional level.

1.1.1 Administrator Role

The primary function of the Administrator role is to allow an administrator to manage their Division and/or Subdivision(s) by having full access to the features needed to fulfill their managerial tasks. An Administrator's task may include managing users, two-factor authentication, reports, Divisions, Subdivisions, domains, etc. What an Administrator can and cannot do is determined during account setup with you DigiCert representative.

1.1.2 User Role

The primary function of the User role is to allow a user to fulfill specific duties inside their Division or Subdivision by providing them with just enough access to the features needed to accomplish their tasks. A User's tasks may include running reports or ordering certificates. What a User can and cannot do is determined during account setup with your DigiCert representative.

1.1.3 CS Verified User

CS Verified Users can approve certificate request for Code Signing certificates. For a user to be a CS Verified User, they must have a phone number and job title.

1.1.4 EV Verified User

EV Verified Users can approve certificate request for EV SSL Plus, EV Multi-Domain and EV Code Signing certificates. For a user to be an EV Verified User, they must have a phone number and job title.

1.2 Managing Users

Typically, Administrators manage the administrators and users of their Division(s). Managing users may include adding account users, deleting account users, editing user account details and roles, managing API user's keys, and managing guest keys.

1.2.1 How to Add Users to Your Account

- 1. In your account, in the sidebar menu, click **Account > Users**.
- 2. On the Manage Users page, click + New User.
- 3. On the **New Users** page, provide the following details for the new user:

First Name:	Type the user's first name.
Last Name:	Type the user's last name.
Email:	Type an email address at which the user can be contacted.
Phone:	Type a phone number at which the user can be reached.
	A phone number is required if the user will be an EV Verified User (able to approve EV Multi-Domain, EV SSL Plus, and EV Code Signing certificate requests) and/or a CS Verified User (able to approve Code Signing certificate requests).
Job Title:	Type the user's job title.
	A job title is required if the user will be an EV Verified User (able to approve EV Multi-Domain, EV SSL Plus, and EV Code Signing certificate requests) and/or a CS Verified User (able to approve Code Signing certificate requests).
Username:	Type the username for the user.
	Although you can create a unique username for each user, we recommend using their email address (i.e. <i>john.doe@example.com</i>).
Division:	In the drop-down list, select the Division or Subdivision to which you want to assign the user.
Role:	In the drop-down list, select a role for the user: Administrator or User .

4. When you are finished, click Save User.

The user should be added to the account (Account > Users), and you should receive the "Successfully created 'username'" message.

The newly added user will be sent an email that contains a link, which lets them create a password to log into the account.

1.2.2 How to Resend the DigiCert User Account Created - Action Required Email

If a newly added user deletes or loses the **DigiCert User Account Created - Action Required** email before they create their password, you can resend the email.

As soon as you resend the **DigiCert User Account Created - Action Required** email, the old link expires and cannot be used to create a password. If the expired link is used, the following message is displayed:

"The emailed link is invalid or has expired. Try resetting your password or try logging in to resolve the issue."

- 1. In your account, in the sidebar menu, click **Account > Users**.
- 2. On the **Manage Users** page, in the **Division** drop-down list, select the Division or Subdivision to which you assigned the new user.
- 3. To the right of the new user to whom you need to resend the **DigiCert User Account Created** - Action Required email, click View.
- 4. On the "User" page, click Resend Create User Email.

You should receive the *"Successfully resent create user email"* message. The newly added user will be resent the **Create User Email** with a new link, which lets them create a password to log into the account.

1.2.3 How to Edit User Accounts

- 1. In your account, in the sidebar menu, click **Account > Users**.
- 2. On the **Manage Users** page, in the **Division** drop-down list, select the Division or Subdivision to which the user belongs.
- 3. To the right of the user account whose details you need to modify, click View.
- 4. On the "User's" page, click Edit User.
- 5. On the **Edit User** page, change any of the following details:

First Name: Edit the user's first name.

Last Name:	Edit the user's last name.
Email:	Edit the email address at which the user can be contacted.
Phone:	Add, edit, or remove the phone number at which the user can be reached.
	You must provide the user's phone number if you want them to be an EV Verified User (able to approve EV Multi-Domain, EV SSL Plus, and EV Code Signing certificate requests) and/or a CS Verified User (able to approve Code Signing certificate requests).
Job Title:	Add, edit, or delete the user's job title.
	You must provide the user's job title if the user will be an EV Verified User (able to approve EV Multi-Domain, EV SSL Plus, and EV Code Signing certificate requests) and/or a CS Verified User (able to approve Code Signing certificate requests).
Username:	Edit the username for the user.
	Although you can create a unique username for each user, we recommend using their email address.
Role:	In the drop-down list, select a different role for the user: Administrator or User .

6. When you are finished, click **Save User**.

You should receive the *"Successfully updated 'username'"* message.

1.2.4 How to Delete (Remove) User Accounts

- 1. In your account, in the sidebar menu, click **Account > Users**.
- 2. On the **Manage Users** page, in the **Division** drop-down list, select the Division or Subdivision to which the user belongs.
- 3. To the right of the user account that you need to remove, click **View**.
- 4. On the "User's" page, click Edit User.
- 5. On the Edit User page, click Delete User.
 - **CAUTION:** Do not click **OK**, unless you are sure that you want to remove the user from your account. In the confirmation window, when you click **OK**, that user is automatically removed from your account.

6. When you receive the **"This action cannot be undone. Are you sure you want to delete this user?"** message click **OK**.

You should receive the *"Successfully deleted user"* message, and the user should be removed from the account.

1.2.5 How to Edit Your Profile

- 1. In your account, in top right corner, in the Hello, "User" drop-down list, select My Profile.
- 2. On the Account Settings page, change any of the following details:

First Name:	Edit your first name.
Last Name:	Edit your last name.
Language:	To change the language for your account, in the drop- down list, select one of the available languages.
Opt-In to DigiCert Newsletter:	Select Yes if you want to receive the DigiCert Newsletter.

3. To Change Your E-Mail Address:

If you are using your email address as your username, we recommend changing your username to match your new email address.

- i. To the right of your E-Mail Address, click the edit symbol (yellow pencil).
- ii. In the Change Email window, in the New Email box, enter your new email address.
- iii. In the **Password** box, enter your password
- iv. Then click Save.

You should receive the *"You have successfully updated your email address"* message and an email notifying you of the change...

4. To Change Your Username:

Although you can create a unique username, we recommend using your email address for your username.

If you changed your email address and you are using your email address as your username, we recommend changing your username to match your new email address.

i. To the right of your **Username**, click the **edit** symbol (yellow pencil).

- ii. In the **Change Username** window, in the **New Username** box, enter your new username.
- iii. In the Password box, enter your password
- iv. Then click Save.

You should receive the "You have successfully updated your username".

The next time you log into your account, you will need to use your new username to login.

5. To Change Your Password:

- i. To the right of **Password**, click the **Click here to change your password** link.
- ii. In the **Change Password** window, in the **Current Password** box, enter your password.
- iii. In the **New Password** and **Re-enter New Password** boxes, create and confirm your new password.
- iv. Then click Save.

You should receive the "You have successfully updated your password" message.

The next time you log into your account, you will need to use your new password to login.

6. To Change Your Security Question:

- i. To the right of **Security Question**, click the **Click here to change your security question** link.
- ii. In the **Change Security Question** window, in the drop-down list, select a new security question.
- iii. In the Your Answer box, enter the answer to your new security question.
- iv. In the **Password** box, enter your password.

If you changed your password during this session in your account, make sure to use your new password.

v. Then click Save.

You should receive the *"You have successfully updated your security question and answer"* message.

7. When you are finished, click **Save**.

You should receive the "Successfully saved changes to user" message.

If you changed your email address and/or username, you should see the changes now.

1.2.6 How to View Account Users

- 1. In your account, in the sidebar menu, click **Account > Users**.
- 2. Filter users by Division or Subdivision.

On the Manage Users page, in the Division drop-down list, select a Division or Subdivision.

3. Rearrange users by name, username, email address, role, or Division or Subdivision.

On the Manage Users page, click one of the column headers (Name, Username, Email, Role or Division) to rearrange the order in which the users are listed.

4. To the right of a user, click **View** to see the user's profile.

1.3 Managing API Users

Typically, Administrators manage the administrators and user accounts of their Division(s). Managing users may include issuing and revoking API keys.

1.3.1 How to Issue an API Key

- 1. In your account, in the sidebar menu, click **Account > Users**.
- 2. On the **Manage Users** page, in the **Division** drop-down list, select the Division or Subdivision to which the user belongs.
- 3. To the right of the user to whom you are issuing the API key, click **View**.
- 4. On the "User's" page, click Manage API Keys.
- 5. Next, open a text editor (such as Notepad).
- 6. On the API Keys for "user" page, under Issue New API Key, in the Key Name box, type the name for the API key and then, click Issue Key.
- 7. In the API Key window, under *"This is your new API key. Don't lose it! We cannot display it again."* copy your API key and paste it in to your text editor.
 - **CAUTION:** Do not close the API key window until you have saved a copy of the API key. If you close the window without recording your new API key, you will not be able to retrieve it. You will need to revoke the API key that you just created and create a new one.
- 8. Save your text editor document, making sure to note its location.

- 9. In the API Key window, once you have saved a copy of your API key, click Close.
- 10. On the API Keys for "user" page, under Current API Keys, the new API key should now be listed.

1.3.2 How to Revoke (Remove) an API Key

- 1. In your account, in the sidebar menu, click **Account > Users**.
- 2. On the **Mange Users** page, in the **Division** drop-down list, select the Division or Subdivision to which the user belongs.
- 3. To the right of the user whose API key you need to revoke, click **View**.
- 4. On the "User's" page, click Manage API Keys.
- 5. On the API Keys for "user" page, under Current API Keys, to the right of the API key that you need to revoke, click Revoke Key.

CAUTION: Do not click OK, unless you are sure that you want to revoke the API Key. Revoking an API key permanently disables access for anyone who is using it.

On the Revoke API Key "name" page, under the "Are you sure you want to revoke this API key?" message, click Revoke API Key.

You should receive the *"API key revoked"* message, and on the API Keys page (Account > API Keys) the API key's Status should be Revoked.

1.3.3 How to View API Keys and API Key Users

- 1. In your account, in the sidebar menu, click **Account > API Keys**.
- 2. Filter API Keys by Status.

On the **API Keys** page, in the **Status** drop-down list, select **Active**, **Revoked**, or **ALL** to filter the keys in the list by API key status.

3. Rearrange users by API key name, API user's name, API key created date, or API key status.

Click one of the column headers (Key Name, User, Created, or Status) to rearrange the order in which the users are listed.

4. Revoke a user's API key.

- i. To the right of the API key you need to revoke, click **Revoke**.
 - CAUTION: Do not click OK, unless you are sure that you want to revoke the API Key. Revoking an API key permanently disables access for anyone who is using it.

ii. On the **Revoke API Key "name"** page, under the **"Are you sure you want to revoke this API key?"** message, click **Revoke API Key**.

You should receive the "*API key revoked*" message, and on the **API Keys** page (Account > API Keys) the API key's **Status** should be **Revoked**.

1.4 Managing Guest URLs

Typically, Administrators manage the administrators and user accounts of their Division(s). Managing users may include creating and editing Guest URLs.

1.4.1 Guest URLs

A Guest URL is a link to a specific certificate's request page. The following are the types of certificates for which you can create Guest URLs:

Client

Grid

- Digital Signature Plus
- Email Security Plus
- Premium

- Grid Premium
- Grid Robot Email
- Grid Robot FQDN
- Grid Robot Name
- Grid Host SSL
- Grid Host SSL UC

SSL

- EV Multi-Domain
- EV SSL Plus
- Unified Communications
- SSL Plus
- WildCard Plus

A Guest URL lets you provide a guest user with the ability to request a certificate without adding them to your account. Guest URLs only give users access a specific certificate request page within the account. The user cannot access anything else within the account.

1.4.2 How to Create a Guest URL

- 1. In your account, in the sidebar menu, click Account > Guest URLs.
- 2. On the **Guest URLs** page, click **+ New Guest URL**.
- On the New Guest URL page, in the Description box, type a brief description for the URL that makes it easily identifiable in the list of URLs on the Guest URLs page (Account > Guest URLs).
- 4. Under **Certificate Types**, select the certificate(s) that the Guest URL allows the guest user to request.

You can select a single certificate type or multiple types. For example, next to **Client**, click **All** to let the guest user request all types of Client Certificates.

5. Under Certificate Validity Periods, select the validity period for the certificate(s).

You can select a single period or multiple periods. For example, next to **Certificate Validity Periods**, click **All** to let the guest user request a 1 year, 2 year, 3 year, or Custom validity period for their certificate.

Note:

Some certificate types may have a maximum validity period that is less than the validity period you selected.

For example, you select EV SSL Plus and SSL Plus, and then you select 3 years. When the guest user orders an EV SSL Plus Certificate, the validity period will be for only 2 years. If the guest user orders an SSL Plus Certificate, the validity period will be for 3 years.

6. When you are finished, click Save Guest URL.

You should receive the **"Successfully created 'Guest URL name'"** message and the Guest URL should now be listed on the **Guest URLs** page (Account > Guest URLs).

You can now send the Guest URL to a "guest" and let them order a specific certificate(s).

1.4.3 How to Edit a Guest URL

- 1. In your account, in the sidebar menu, click **Account > Guest URLs**.
- 2. On the Guest URLs page, to the right of the Guest URL that you need to edit, click Edit.
- 3. On the Edit "Guest URL name" page, do the following:

Description	Edit the brief description for the URL that makes it easily identifiable in the list of Guest URLs on the Guest URLs page (Account > Guest URLs).
Certificate Types	Select a different certificate(s) or add a certificate(s) that the URL allows the guest user to request.
	You can select a single certificate type or multiple types. For example, next to Client , click All to let the guest user request all types of Client Certificates.
Certificate Validity	Select the validity period for the certificate(s).
Periods	Some certificate types may have a maximum validity period that is less than the validity period you selected.

4. When you are finished, click Save Guest URL.

You should receive the **"Successfully updated 'Guest URL name'"** message and the updated Guest URL should be listed on the **Guest URLs** page (Account > Guest URLs).

You can now send the updated Guest URL to a "guest" and let them order a specific certificate(s).

1.4.4 How to Delete a Guest URL

- 1. In your account, in the sidebar menu, click **Account > Guest URLs**.
- 2. On the Guest URLs page, to the right of the Guest URL that you need to delete, click Edit.
- 3. On the Edit "Guest URL name" page, click Delete Guest URL.
 - CAUTION: Do not click Delete Guest URL, unless you are sure that you want to delete the Guest URL. Deleting a Guest URL disables anyone who is using it to request a certificate.
- 4. On the **Delete "Guest URL name"** page, under the **"Are you sure you want to delete this Guest URL?"** message, click **Delete Guest URL**.

You should receive the *"Successfully deleted 'Guest URL name"* message and the Guest URL should no longer be listed on the **Guest URLs** page (Account > Guest URLs).

Any copies of the Guest URL link will no longer work.

1.4.5 How to view Guest URLs

- 1. In your account, in the sidebar menu, click **Account > Guest URLs**.
- 2. Rearrange Guest URLs by the description.

On the **Guest URLs** page, click one of the **Description** column header to rearrange the order in which the Guest URLs are listed.

2 Division Management

Before you start to use your DigiCert account, work with your DigiCert account representative to set up your account structure (Divisions and Subdivisions) and permissions. Depending on how your account is structured, some of the features discussed in this section may not be included in your Division, Subdivision, or in your account altogether.

For example, in the **Managing Co-Branding (Logos)** section, you may not be able to add, replace, or remove logos.

2.1 Managing Divisions

Managing Divisions typically involves adding new Divisions along with the Division's first administrator. Once you've added a Division, managing a Division may include editing basic Division details, deactivating/reactivating a Division, managing co-branding, and ekeys, and configuring Division two-factor authentication requirements.

During account setup with your DigiCert representative, you create Division types and define the types of Divisions that an Administrator can manage.

2.1.1 How to Add a New Division

- 1. In your account, in the sidebar menu, click **Account > Divisions**.
- 2. On the **Divisions** page, click + **New Division**.
- 3. On the **New Division** page, enter the following information to about the Division:

You can go back and modify these details after you've add the Division, if necessary.

Name:	Type the name of the Division.
Description:	Type a brief description that provides basic information about the Division.
Туре:	In the drop-down list, select the Division type.

4. Under Administrator, enter the following information about the Division Administrator:

First Name:	Type the administrator's first name.
Last Name:	Type the administrator's last name.
Email:	Type an email address at which the administrator can be contacted, sent password setting email.
Username:	Type the username for the administrator. Although you can create a unique username for the administrator, we recommend using their email address (i.e. <i>john.doe@example.com</i>).

- Role: In the drop-down list, select Administrator.
- **Note:** Do not click **Save Division** until you are sure the **Administrator** details are filled out correctly, especially the administrator's email address. Once you click **Save**, you can no longer modify the information for the Division administrator you created. You can only edit the **Division Details**.
- 5. When you are finished, click **Save Division**.

You should receive the *"Successfully created 'division name'"* message.

The Division Administrator will be sent an email that contains a link, which lets them create their password to log into their account.

- 6. After the Division Administrator creates their password, they should log into their account and update their user details (**Account > Users**); add a phone number and job title.
 - **Note:** To be an **EV Verified User** or a **CS Verified User**, the administrator must have a phone number and job title.

2.1.2 How to Set Division Preferences

1. If you are setting the preferences for your division:

In your account, in the sidebar menu, click **Account > My Division**.

- 2. If you are setting the preferences for another Division:
 - i. In your account, in the sidebar menu, click **Account > Divisions**.
 - ii. On the **Divisions** page, to the right of the Division account whose preferences need to be set, click **View**.
- 3. On the **"Division"** page, click **Edit Preferences**.

4. Set Permissions

On the **Division Preferences** page, do any of the following things:

Enable this settings for my division only	Select this option if you want the time display preference and/or certificate quest note to apply to your division only.
Enable this setting for my division and children divisions	Select this option if you want the time display preference and/or certificate quest note to apply to your division and any children divisions.
Allow child divisions to override this setting	Check this box if you want the children divisions to be able to set their own time display preference and/or certificate request note.

5. Set the Time Display Preference

Under Time Display, in the Time Display Format drop-down list, select one of the following preferences:

• 12 Hour (yyyy-mm-dd hh:mm am/pm)

- 24 Hour (yyyy-mm-dd hh:mm)
- 6. Create a Custom Note for All the Certificate Request Pages

Under **Request Note**, in the **Custom Note for Request Pages** box, type the note that you want to add to the top of all certificate request pages.

- **Note:** This message appears on all SSL Certificate, Client, Grid, Code Signing, and Document Signing requests pages
- 7. When you are finished, you can leave the page.

2.1.3 How to Edit a Division's Details

1. If you are editing your Division:

In your account, in the sidebar menu, click **Account > My Division**.

2. If you are editing another Division:

- i. In your account, in the sidebar menu, click **Account > Divisions**.
- ii. On the **Divisions** page, to the right of the Division account whose details need changing, click **View**.
- 3. On the "Division" page, click Edit Division.
- 4. On the **Edit "Division"** page, change any of the following information:

Name: Edit the name of the Division.

Description: Edit the description that provides basic information about the Division.

5. When you are finished, click **Save Division**.

You should receive the *"Successfully updated 'Division name'"* message.

2.1.4 How to Deactivate a Division

Deactivating a Division deactivates the parent Division and any of its Subdivisions. Members of the deactivated Division and/or Subdivisions are locked of their account. Deactivating a Division does not revoke any of the certificates tied to that Division or its Subdivisions. If certificates need to be revoked, you must do that separately.

- 1. In your account, in the sidebar menu, click **Account > Divisions**.
- 2. On the **Divisions** page, to the right of the Division you need to deactivate, click **View**.

- 3. On the "Division" page, click Edit Division.
- 4. On the Edit "Division" page, click Deactivate.
- 5. When you receive the *"This will deactivate this division and any sub-divisions it contains"* message, click **OK**.

The Division and any of it Subdivision are removed from the **Divisions** page (Account > **Divisions**). To see the deactivated Divisions, click **Inactive Divisions**.

2.1.5 How to Activate a Division

Reactivating a Division activates the parent Division and any of its Subdivisions. Members of the activated Division and/or Subdivisions may once again access their account.

- 1. In your account, in the sidebar menu, click **Account > Divisions**.
- 2. On the **Divisions** page, click **Inactive Divisions**.
- 3. On the **Inactive Divisions** page to the right of the Division that you need to reactivate, click **Activate**.
- 4. When you receive the *"This will activate this division and any subdivisions it contains"* message, click **OK**.

The Division and any of it Subdivision are removed from the **Inactive Divisions** page and moved to the **Divisions** page (**Account > Divisions**).

2.2 Managing Division Co-Branding (Logos)

Managing Divisions may also involve managing account co-branding, which may include adding a logo, changing a logo, or removing a logo. During account setup with your DigiCert representative, you can decide how your co-branding system will work.

Depending on how your account was set up with your DigiCert representative, you may be managing co-branding for your Division and all its Subdivisions, for your Division, or for your Subdivision. Typically, only Administrators can add logos, replace logos, or remove (delete) logos.

2.2.1 How to Add a Division Logo

1. If you are adding a log for your Division:

In your account, in the sidebar menu, click **Account > My Division**.

2. If you are adding a logo for another Division:

- i. In your account, in the sidebar menu, click **Account > Divisions**.
- ii. On the **Divisions** page, to the right of the Division account to which you want to add a logo, click **View**.

- 3. On the "Division" page, click Edit Division.
- 4. On the **Edit "Division"** page, under **Division Logo**, click **Upload Logo** to browse for, select, and open the logo *.jpeg*, *.png*, or *.gif* file.

The logo should be added and now appear in your account.

2.2.2 How to Replace a Division Logo

1. If you are replacing the log for your Division:

In your account, in the sidebar menu, click **Account > My Division**.

- 2. If you are replacing the logo for another Division:
 - i. In your account, in the sidebar menu, click **Account > Divisions**.
 - ii. On the **Divisions** page, to the right of the Division account whose logo you want to replace, click **View**.
- 3. On the **"Division"** page, click **Edit Division**.
- 4. On the **Edit "Division"** page, under **Division Logo**, click **Change** to browse for, select, and open the new logo *.jpeg*, *.png*, or *.gif* file.

The new logo should be added and now appear in your account.

2.2.3 How to Remove a Division Logo

1. If you are removing the log for your Division:

In your account, in the sidebar menu, click **Account > My Division**.

- 2. If you are removing the logo for another Division:
 - i. In your account, in the sidebar menu, click **Account > Divisions**.
 - ii. On the **Divisions** page, to the right of the Division account whose logo you want to remove, click **View**.
- 3. On the "Division" page, click Edit Division.
- 4. On the **Edit "Division"** page, under **Division Logo**, click **Remove** to remove the logo *.jpeg*, *.png*, or *.gif* file.

The logo should no longer appear in your account.

2.3 Managing Division Ekeys

When a Division is created, an ekey is automatically generated for that Division. An ekey is a branded login URL. When this URL is used to access a Division account, the Division logo is displayed on its account login page.

Note: If your Division was created before 2015, February 12, an ekey was not automatically generated for your Division. If you want to use an ekey to access your Division account login page, you can create your own Division ekey. See <u>How to Create a Division Ekey</u>.

For Example:

Normally, your Division account login URL is *https://www.digicert.com/account/login.php* and your Division login page looks like this:

G digi cert °	YOUR SUCCESS IS BUILT ON TRUST*	Account
Juigicent	My Account	English 🕶
Support V		
	DigiCert Account Login	
	Username: 😽	
	Password: 😽	
	LOGIN	
	Forgot your username?	
	Forgot your password?	
	LOGIN	

When you have a Division logo, and you use the ekey branded login URL, your Division account login URL is something like this *https://www.digicert.com/account/login.php?ekey=random-hex-number* and your login page looks something like this:

G digi cert	YOUR SUCCESS IS BUILT ON TRUST	6	∬digicert [®]	English v
Support 🔻				
	DigiCer	t Account Login		
	Username:	×)	
	Password:	LOGIN		
		Forgot your username? Forgot your password:		

2.3.1 How to View a Division Ekey

1. If you are viewing the ekey for your Division:

In your account, in the sidebar menu, click **Account > My Division**.

- 2. If you are viewing the ekey for another Division:
 - i. In your account, in the sidebar menu, click **Account > Divisions**.

- ii. On the **Divisions** page, to the right of the Division account whose ekey you want to see, click **View**.
- 3. On the "Division" page, next to Branded Login URL, you should see the ekey for that Division.

If you see *"No ekey associated with this division"*, the ekey for that Division was not automatically generated when the Division was created. See <u>How to Create a Division Ekey</u>.

4. You can send the ekey to your Division account users so that they can access the branded Division account login page.

2.3.2 How to Create a Division Ekey

For the ekey to have any benefit for the Division, you must add a Division logo. See <u>Managing</u> <u>Division Co-Branding (Logos)</u>.

1. If you are creating the ekey for your Division:

In your account, in the sidebar menu, click **Account > My Division**.

- 2. If you are creating the ekey for another Division:
 - i. In your account, in the sidebar menu, click **Account > Divisions**.
 - ii. On the **Divisions** page, to the right of the Division account whose ekey you want to create, click **View**.
- 3. On the "Division" page, click Edit Division.
- 4. On the **Edit "Division"** page, in the **ekey (for co-branded login URLs)** box, type name that you want to use for you ekey (i.e. *YourDivisionEkey*).
- 5. When you are finished, click **Save Division**.

You should receive the *"Successfully updated 'Division'"* message. You can now see the ekey (branded login URL) on the **Division's** page (Account > Division > View or Account > My Division).

 You can now send the ekey (https://www.digicert.com/account/login.php?ekey=YourDivisionEkey) to your Division account users so that they can access the branded Division account login page.

2.3.3 How to Edit a Division Ekey

When editing the ekey, any users who are using the current ekey can still us that ekey to access the Division account login page. However, those users will no longer see the Division logo on the Division account login page.

1. If you are editing the ekey for your Division:

In your account, in the sidebar menu, click **Account > My Division**.

- 2. If you are editing the ekey for another Division:
 - i. In your account, in the sidebar menu, click **Account > Divisions**.
 - ii. On the **Divisions** page, to the right of the Division account whose ekey you want to edit, click **View**.
- 3. On the **"Division"** page, click **Edit Division**.
- 4. On the **Edit "Division"** page, in the **ekey (for co-branded login URLs)** box, type the new name that you want to use for you ekey (i.e. *MyDivisionEkey*).
- 5. When you are finished, click **Save Division**.

You should receive the *"Successfully updated 'Division'"* message. You can now see the new ekey (branded login URL) on the **Division's** page (Account > Division > View or Account > My Division).

 You can now send the new ekey (https://www.digicert.com/account/login.php?ekey=MyDivisionEkey) to your Division account users so that they can access the branded Division account login page.

2.3.4 How to Delete a Division Ekey

If you delete the ekey, any users who are using the current ekey can still us that ekey to access the Division account login page. However, those users will no longer see the Division logo on the Division account login page.

1. If you are deleting the ekey for your Division:

In your account, in the sidebar menu, click **Account > My Division**.

- 2. If you are deleting the ekey for another Division:
 - i. In your account, in the sidebar menu, click **Account > Divisions**.
 - ii. On the **Divisions** page, to the right of the Division account whose ekey you want to delete, click **View**.
- 3. On the **"Division"** page, click **Edit Division**.
- 4. On the Edit "Division" page, in the ekey (for co-branded login URLs) box, delete name of the ekey.
- 5. When you are finished, click **Save Division**.

You should receive the *"Successfully updated 'Division'"* message. You should no longer see the ekey (branded login URL) on the Division's page (Account > Division > View or Account > My Division).

3 DigiCert Two-Factor Authentication

Two-factor authentication increases the security of your DigiCert account by allowing you to require two methods of identity verification before someone can log in and access their account. You can require two-factor authentication for all account users, all users in a Division, and for specific individual users (i.e. *Jane Doe in Accounting*).

Depending on your organization's security requirements, some of the two-factor authentication rules for your account and its setup may be different.

3.1 Setting Up Two-Factor Authentication

Before you begin creating the rules for implementing two-factor authentication, you need to decide which two-factor authentication option will work best for your DigiCert account.

3.1.1 Client Certificate Requirement

A Client Certificate allows users to log in only from the computer/device on which their certificate is installed. Client Certificates may also be limited to a specific browser(s).

Windows: Installs the Client Certificate in its own Certificate Store and that certificate can be accessed by Chrome and Internet Explorer.

Mac: Installs the Client Certificate in its own Certificate Store and that certificate can be accessed by the keychain for Safari and Chrome.

Firefox: Installs the Client Certificate in its own Certificate Store and that certificate can only be accessed by Firefox (Windows or Mac).

3.1.2 One-time Password Requirement

An OTP App installed on a mobile device allows users to log in from any computer/device. Because our Two-Factor Authentication process implements the Time-based One-Time Password (TOTP) protocol, you must use a Mobile Application that supports the TOTP protocol.

The TOTP protocol supports a time-based variation of the One-time password (OTP) algorithm. Each time an OTP is generated, it can only be used for a short period and once expired, cannot be reused. OTPs with short life spans help enhance security.

Most OTP Applications (compatible with the TOTP protocol) will work with our process. The following list contains the OTP Applications that we have tested:

Google Authenticator: Android, iPhone, Blackberry

Authy: Android, iPhone

Authenticator: Windows Phone

Duo Mobile: iPhone

3.2 Configuring Two-Factor Authentication Requirements

These instructions are for administrators only and explain how to configure your two-factor authentication rules/requirements for your DigiCert account.

3.2.1 How to Turn On Two-Factor Authentication

- 1. In your account, in the sidebar menu, click **Account > Authentication Settings**.
- 2. On the Authentication Settings page, click On.

You have turned on two-factor authentication for your DigiCert account. You are ready to configure your two-factor authentication requirements.

3.2.2 All Account Users: Configure Two-Factor Authentication Requirements

- 1. In your account, in the sidebar menu, click **Account > Authentication Settings**.
- 2. On the Authentication Settings page, click Add New Requirement.
- 3. On the Add Two Factor Requirement page, under Authentication Type, select one of the following options:
 - One-Time Password (OTP)

Select this option if you want all account users to use an OTP App on their mobile device to complete the authentication process. Users can log into their DigiCert account from any computer/device.

• Client Certificate

Select this option if you want all account users to use a Client Certificate to complete the authentication process. Users can only log into their DigiCert account from a computer/device on which the certificate is installed.

4. Under Apply Rule To, select All account users.

5. Click Create Requirement.

The rule is automatically created and it appears in the list of requirements on the **Authentication Settings** page, under **Two-Factor Authentication Requirements**. You have now successfully configured a two-factor authentication requirement for all account users.

3.2.3 All Users in a Division: Configure Two-Factor Authentication Requirements

- 1. In your account, in the sidebar menu, click **Account > Authentication Settings**.
- 2. On the Authentication Settings page, click Add New Requirement.
- 3. On the Add Two Factor Requirement page, under Authentication Type, select one of the following options:
 - One-Time Password (OTP)

Select this option if you want all users of the Division to use an OTP App on their mobile device to complete the authentication process. Users can log into their DigiCert account from any computer/device.

• Client Certificate

Select this option if you want all users of the Division to use a Client Certificate to complete the authentication process. Users can only log into their DigiCert account from a computer/device on which the certificate is installed.

- 4. Under Apply Rule To, select All users in division.
- 5. In the **All users in division** drop-down list, select the Division to which you want the two-factor authentication requirement to apply.
- 6. Click Create Requirement.

The rule is automatically created and it appears in the list of requirements on the **Authentication Settings** page, under **Two-Factor Authentication Requirements**. You have now successfully configured a two-factor authentication requirement for all users in the specified Division.

3.2.4 A Specific User: Configure Two-Factor Authentication Requirements

- 1. In your account, in the sidebar menu, click **Account > Authentication Settings**.
- 2. On the Authentication Settings page, click Add New Requirement.
- 3. On the Add Two Factor Requirement page, under Authentication Type, select one of the following options:
 - One-Time Password (OTP)

Select this option if you want the specified user to use an OTP App on their mobile device to complete the authentication process. The user can log into their DigiCert account from any computer/device.

Client Certificate

Select this option if you want the specified user to use a Client Certificate to complete the authentication process. The user can only log into their DigiCert account from a computer/device on which the certificate is installed.

- 4. Under Apply Rule To, select Specific user.
- 5. In the **Specific user** drop-down list, select the user to which you want the two-factor authentication requirement to apply.
- 6. Click Create Requirement.

The rule is automatically created and it appears in the list of requirements on the **Authentication Settings** page, under **Two-Factor Authentication Requirements**. You have now successfully configured a two-factor authentication requirement for the specified user.

3.2.5 OTP App Authenticators: How to Allow Them to Verify a Computer for 30 Days

Providing OTP authenticators with this option allows them to verify the computer from which they are logging in. For the next thirty days, they can bypass entering the verification code each time they log in from that computer. At the end of the thirty days, OTP authenticators are required to enter their verification code and decide if they want to remember the verification on that computer for the next thirty days.

- 1. In your account, in the sidebar menu, click **Account > Authentication Settings**.
- 2. On the Authentication Settings page, under Remember Verification, check Display "Remember verification for this computer" checkbox during OTP login.

You have now successfully configured the option to allow OTP App authenticators to verify a computer for 30 days when logging into their DigiCert account.

3.2.6 How to Delete a Two-Factor Authentication Requirement

- 1. In your account, in the sidebar menu, click **Account > Authentication Settings**.
- 2. On the Authentication Settings page, under Two-Factor Authentication Requirements, locate the requirement that you want to remove and click Delete.

The requirement is automatically removed. You have successfully deleted a two-factor authentication requirement.

3.2.7 How to Turn Off Two-Factor Authentication

Turning off two-factor authentication does not delete your requirements or any of the Client Certificates or OTP App Devices configured for your account. When you turn Two-Factor authentication back on, your certificates and devices should still be configured, and the rules should still be there, ready to be used, modified, or deleted.

1. In your account, in the sidebar menu, click **Account > Authentication Settings**.

2. On the Authentication Settings page, click Off.

You have turned off two-factor authentication for your DigiCert account. You are ready to configure your two-factor authentication requirements.

3.2.8 How to View OTP and Client Certificate Authenticators

Users do not appear in the list until they have initialized their OTP device or generated their Client Certificate.

- 1. In your account, in the sidebar menu, click **Account > Authentication Settings**.
- 2. On the Authentication Settings page, under Issued Client Certificates, the Client Certificate authenticators are listed and under One-Time Password (OTP) Devices, the OTP authenticators are listed.

3.3 Two-Factor Authentication: User Instructions

The instructions in this section explain how to use two-factor authentication (OTP or Client Certificate).

3.3.1 How to Initialize Your OTP App Device

After your administrator has turned on and configured two-factor authentication, you must initialize the second factor of your two-factor authentication: your OTP App Device. The next time you log into your DigiCert account, you will be asked to initialize your OTP App Device.

Because our Two-Factor Authentication process implements the Time-based One-Time Password (TOTP) protocol, you must use a Mobile Application that supports the TOTP protocol.

Most OTP Applications (compatible with the TOTP protocol) will work with our process. The following list contains the OTP Applications that we have tested:

- **Google Authenticator:** Android, iPhone, Blackberry
- Authy: Android, iPhone
- Authenticator: Windows Phone
- Duo Mobile: iPhone
- 1. Install an OTP App that is compatible with the TOTP protocol on you mobile device.
- 2. Log into your DigiCert account.
- 3. On the **One-Time Password (OTP APP) Device Initialization** page, do the following:
 - i. On your mobile device, open your OTP App.
 - ii. Use your OTP App to scan the QR code.

- iii. In the Enter code box, type the code that is displayed on you device.
- iv. Click Submit.
- 4. You should now be logged in to your account.

You should receive an email confirming that you initialized your OPT device.

3.3.2 How to Sign In with Your OTP App Device

After you have initialized your OTP App device, you will need to supply your account credentials and use the code generated in your OTP App to log into your DigiCert account.

1. Log into your DigiCert account.

On the **DigiCert Account Login** page, in the **Username** and **Password** boxes, type your username and password and then, click **LOGIN**.

- 2. On your mobile device, open your OTP App.
- 3. On the Enter Verification Code page, in the Enter code box, type the code displayed in your OTP App.
- 4. (Optional) If you want to verify this computer for thirty days, check **Remember verification** on this computer for 30 days.

Depending on how your OTP authentication requirement was configured, you may be able to opt to remember the verification on this computer. With this option checked, when you log into your DigiCert account from this computer, you are only required to enter your credential for the next thirty days. At the end of thirty days, you are required to enter your verification code again and choose whether to verify this computer for another thirty days.

5. Click Submit.

This completes the authentication process and logs you into your account.

3.3.3 User: Getting Your OTP App Device Reset

If you lose your OTP App Device (phone, tablet, iPad, etc.), you should immediately contact your administrator to get your OPT App Device reset. Do not be tempted to wait until you get your new device because you have a trusted computer from which you can log into your DigiCert account. It is important to have your administrator reset your OTP App Device immediately to prevent unauthorized access to your DigiCert account.

Lost My OTP App Device

- 1. Contact your administrator.
- 2. After your administrator resets your device, you will be sent an email.

3. Follow the instructions in the email to reset your OTP App Device.

3.3.4 How to Generate Your Client Certificate

After your administrator has turned on and configured two-factor authentication, you must initialize the second factor of your two-factor authentication: your Client Certificate. The next time that you log into your DigiCert account, you will be asked to generate your Client Certificate.

Depending on which Web browser you use to initialize/generate your Client Certificate, you may need to use that browser to log into your DigiCert account.

- Windows installs the Client Certificate in its own Certificate Store. It can be shared with Chrome and Internet Explorer.
- Mac: Installs the Client Certificate in its own Certificate Store. It can be shared with the keychain for Safari and Chrome.
- Firefox: Installs the Client Certificate in its own Certificate Store. It can only be accessed with Firefox (Windows or Mac OS).

For more information about taking care of your Client Certificate, see <u>Managing Your Client</u> <u>Certificate</u>.

- 1. Log into your DigiCert account.
- 2. On the **Two-Factor Authentication Client Certificate Initialization** page, click **Generate Certificate**.
- 3. When the browser presents your certificates, select your newly generated Client Certificate and click **OK**.
- 4. You should now be logged into your account.

Your certificate should now be installed in the Certificate Store related to the browser that you are currently using. You should receive an email confirming that you successfully created a two-factor authentication Client Certificate.

3.3.5 How to Sign In with Your Client Certificate

After you have generated your Client Certificate, you will need to supply your credentials and select that certificate to log into the DigiCert account. You can only log into your DigiCert account from a computer on which this certificate is installed.

Depending on which Web browser you used to initialize/generate your Client Certificate, you may need to use that browser to log into the Console.

- Windows installs the Client Certificate in its own Certificate Store. It can be shared with Chrome and Internet Explorer.
- Mac: Installs the Client Certificate in its own Certificate Store. It can be shared with the keychain for Safari and Chrome.
- Firefox: Installs the Client Certificate in its own Certificate Store. It can only be accessed with Firefox (Windows or Mac OS).

For more information about taking care of your Client Certificate, see <u>Managing Your Client</u> <u>Certificate</u>.

1. Log into your DigiCert account.

On the **DigiCert Account Login** page, in the **Username** and **Password** boxes, type your username and password and then, click **LOGIN**.

- **Note:** Make sure to log in with a browser that can access your Client Certificate. You should be safe using the browser that you used to initialize/generate the Client Certificate.
- 2. On your mobile device, open your OTP App.
- 3. When your browser presents your certificates, select the Client Certificate that you generated for logging into your DigiCert account. This completes the authentication process and logs you into your account.

3.3.6 User: Getting Your Client Certificate Reset

If you lose your Client Certificate (lose computer, computer breaks down, or certificate is deleted from your computer or the Certificate Store), you should immediately contact your administrator to get your certificate reset.

Lost My Client Certificate

- 1. Contact your administrator.
- 2. After your administrator resets your Client Certificate, you will be sent an email.
- 3. Follow the instructions in the email to regenerate your certificate.

3.4 Two-Factor Authentication: Admin Specific Instructions

The instructions in this section explain how to reset a user's (admin or user) two-factor authentication client certificate or OTP App device for their DigiCert account.

3.4.1 How to Reset a User's OTP App Device

If one of your users or admins loses their OTP App Device (phone, tablet, iPad, etc.), you can reset their OTP App Device in your DigiCert account.

- 1. In your account, in the sidebar menu, click **Account > Authentication Settings**.
- 2. On the **Authentication Settings** page, under **One-Time Password (OTP) Devices**, locate the device that you need to reset and click **Reset**.
- 3. The user is sent an email that contains instructions on how to reset their OTP Device.

The next time that user tries to log into your DigiCert account, they will need to initialize there OTP App Device.

3.4.2 How to Reset a User's Client Certificate

If one of your users or admin loses their Client Certificate (loses computer, computer breaks down, or certificate is deleted from their computer or the Certificate Store), you can reset their Client Certificate in your DigiCert account.

- 1. In your account, in the sidebar menu, click **Account > Authentication Settings**.
- 2. On the Authentication Settings page, under Issued Client Certificates, locate the device that you need to reset and click Reset.
- 3. The user is sent an email that contains instructions on how to reset their OTP Device.

The next time that user tries to log into your DigiCert account, they will need to initialize there OTP App Device.

3.4.3 Admin: Getting Your OTP App Device Reset

If you lose your OTP App Device (phone, tablet, iPad, etc.), and you do not have another admin who can reset your OTP App Device for you, contact us immediately to get your OPT App Device reset.

1. Contact DigiCert.

Contact our Support Team: <u>support@digicert.com</u> Direct Phone: 1-801-701-9600.

- 2. After the request is confirmed and your OTP App Device is reset, you will be sent an email.
- 3. Follow the instructions on the email to reset your OTP App Device.

3.4.4 Admin: Getting Your Client Certificate Reset

If you lose your Client Certificate or the computer on which it is installed, and you do not have another admin who can reset your Client Certificate for you, contact us immediately to get your certificate reset.

1. Contact DigiCert.

Contact our Support Team: <u>support@digicert.com</u> Direct Phone: 1-801-701-9600.

- 2. After the request is confirmed and your Client Certificate is reset, you will be sent an email.
- 3. Follow the instructions on the email to regenerate your Client Certificate.

4 Reports Management

Before you start to use your DigiCert account, work with your account representative to set up your account structure (Divisions and Subdivisions) and permissions. Depending on how your account is structured, some of the features discussed in this section may not be included in your Division, Subdivision, or your account altogether.

4.1 Running Reports

Once you have added your users, Divisions, domains, and organizations, you will want to run reports to see what certificates have been issued for each Division, what certificates have been revoked for each Division, etc.

4.1.1 How to Run a Report

- 1. In your account, in the sidebar menu, click **Overview > Reports**.
- 2. On the **Reports** page, click **Orders Report**.
- 3. On the **Orders Report** page, use the drop-down lists to filter the results of your orders report.

For example, to see a report for December 2014, in the first drop-down list, select **December**. In the second drop-down list, select **2014**.

- 4. When you are finished setting the parameters for you report, click **Update Report**.
- 5. Your orders report should be displayed on the page.

5 Audit Logs

Before you start to use your DigiCert account, work with your account representative to set up your account structure (Divisions and Subdivisions) and permissions. Depending on how your account is structured, some of the features discussed in this section may not be included in your Division, Subdivision, or your account altogether.

5.1 Running Audits

Once you've added your users, Divisions, domains, and organizations, you may need to run account audits to highlight areas where training is required, to reconstruct events, detect intrusions, and discover problem areas.

5.1.1 How to Run an Audit

- 1. In your account, in the sidebar menu, click **Settings > Audit Logs**.
- 2. On the Audit Logs page, do any of the following to filter the results of your activity report:

From: and To: In these boxes, set the date parameters for your activity report.

User: In the drop-down list, select a specific user whose account activity you want to monitor.

To see the activity of all account users, select All users.

Action:In the drop-down list, select the action that you want to monitor (i.e.Edit profile, Add user, Login with invalid ip address, etc.).

To see all account activity, select All actions.

Result: In the drop-down list, select Successful or Failed to drill down into the action that you selected.

To see all results for the selected action, select **All result**.

- 3. When you are finished, click **Filter**.
- 4. The results of your audit should be displayed on the page.

5.2 Setting Up Audit Log Notifications

To be of help to your organization log data must be reviewed. You can use the audit log notifications feature to keep you aware of certain activities as well as make your log review more meaningful.

5.2.1 How to Create an Audit Log Notification

1. In your account, in the sidebar menu, click **Settings > Audit Log Notifications**.

2. On the Audit Log Notifications page, under Create a New Notification, do the following:

Email Address:	Enter the email address of the person to whom the audit log	
	notifications are to be sent.	

Notify me about: Check any of the following options:

User Changes

Check this box to be alerted of any edits made to any of your user accounts.

All Logins

Check this box to be alerted of all account logins.

• Logins from invalid IP Addresses

Check this box to be alerted of all account logins from invalid IP Addresses

3. When you are finished, click **Save**.

The designated individual should start receiving the selected audit log notifications.

6 Organization and Domain Management

Before you start to use your DigiCert account, work with your account representative to set up your account structure (Divisions and Subdivisions) and permissions. Depending on how your account is structured, some of the features discussed in this section may not be included in your Division, Subdivision, or your account altogether.

6.1 Validation Process

Before an SSL, Grid, Client, Code Signing, Document certificate can be issued, it must first go through a validation process. Regardless of the type of certificate that you request, the certificate's validation process always includes organization validation. Because SSL and Grid SSL certificates are issued to a domain, their validation processes also includes domain validation. Code Signing, Document Signing, Client, and Grid Premium and Robot certificates validation processes only include organization validation.

Once your domains and organizations have been pre-validated, future certificate issuance and renewals for that domain and organization can be done quickly for the associated validation types.

6.1.1 Organization Validation

To validate an organization, we first verify that the organization requesting a certificate is in good standing. This can include confirming good standing and active registration in corporate registries. It can also include verifying that the organization is not listed in any fraud, phishing, or government restricted entities and anti-terrorism databases.

Additionally, we verify that the organization requesting a certificate is, in fact, the organization to which the certificate will be issued. This is especially true with Extended Validation SSL and Extended Validation Code Signing Certificates, which require a series of extensive identity verifications.

6.1.2 Domain Validation

The aim of our domain validation process is to ensure that the organization requesting a certificate does in fact have authority to request a certificate for the domain in question.

Domain validation can include emails or phone calls to the contact listed in a domain's WHOIS record, as well as emails to default administrative addresses at the domain. For example, we may send an authorization email to administrator@domain.com or webmaster@domain.com, but would not send an authorization email to tech@domain.com.

In cases where a domain is controlled by a third party (party other than the party requesting a certificate), simple methods are in place to quickly complete the process of getting approval to issue a certificate from the actual domain owner.

6.2 Managing Organizations

In your account, you cannot add domains for validation until you have added your organizations to which the domains are assigned and we have validated those organizations.

Managing organizations typically involves adding an organization and a validation contact. The validation contact is the individual we contact should we have any questions or problems validating the organization. Once an organization has been validated, organization management may involve authorizing the organization for specific certificates.

6.2.1 How to Add an Organization

- 1. In your account, in the sidebar menu, click Validation > Organizations.
- 2. On the **Organizations** page, click + **New Organization**.
- 3. On the **New Organization** page, in the **Organization Details** section, enter the following information about the organization:
 - Legal Name: Enter the organization's legally registered name (i.e. *YourOrganization, Inc.*).

Assumed Name:	If the organization has a DBA name (doing business as name), and they want it to appear on their certificates, enter the assumed name.	
	If the organization does not have a DBA or they do not want the assumed name to appear on their certificates, leave this box blank.	
Address 1:	Enter the address where the organization is legally located.	
Address 2:	Enter a second address, if applicable.	
City:	Enter the city where the organization is legally located.	
Country:	In the drop-down list, select the country where the organization is legally located.	
State / Province / Region / County:	Enter the state, province, region, or county where the organization is legally located.	
Zip / Postal Code	Enter the zip or postal code for the organization's location.	

4. In the **Validation Contact** section, enter the following information about the contact:

We will contact this individual should we have any questions or problems validating the organization.

First Name	Enter the contacts first name.
Last Name:	Enter the contacts last name.
Job Title:	Enter the contacts job title.
Email:	Enter an email address at which the contact can be reached.
Phone Number:	Enter a phone number at which the contact can be reached.
Phone Extension:	Enter the contact's extension.

5. When you are finished, click **Save Organization**.

You should receive the *"Successfully created 'organization'"* message and the organization should be listed on the **Organizations** page (Validation > Organizations).

6.2.2 How to View Organizations

- 1. In your account, in the sidebar menu, click **Validation > Organizations**.
- 2. Filter organizations by status.

On the **Organizations** page, in the **Status** drop-down list, select **All**, **Active**, **Pending**, or **Inactive** to filter the organizations.

3. Filter organizations by Division.

In the **Division** drop-down list, select the Division or Subdivision to filter the organizations.

4. Rearrange organizations by organization name or status.

Click one of the column headers (**Name** or **Status**) to rearrange the order in which the organizations are listed.

5. To the right of an organization, click **Manage** to view basic details about the organization.

6.2.3 How to Authorize Organizations for Certificates

After you add your organizations, you can authorize them for specific types of certificates. When ordering SSL Certificates, this authorization makes domain validation quicker because the organization part of the domain validation process is already completed.

- 1. In your account, in the sidebar menu, click Validation > Organizations.
- 2. On the **Organizations** page, in the **Status** drop-down list, select **All**, **Active**, **Pending**, or **Inactive** to filter the organizations.
- 3. In the **Division** drop-down list, select the Division or Subdivision to filter the organizations.
- 4. To the right of an organization for which you want to authorize certificates, click **Manage**.
- 5. On the **"Organization's"** page, click **Submit for Validation**.
- 6. In the **Submit Organization for Validation** window, select the validation types for which the organization must be validated.
 - OV Normal Organization Validation
 - Grid Public Grid Host Validation
 - EV Extended Organization Validation (EV)*
 - DS Document Signing Validation

- CS Code Signing Organization Validation**
- 7. *In the EV Verified User drop-down list, select an account user that you want to designate as an EV Certificate request approver.

Only an **EV Verified User** can approve Extended Validation (EV) Certificate request. Note that only users with a job title and valid telephone number appear in the drop-down list.

Note: The EV Verified User drop-down list box only appears if you checked EV - Extended Organization Validation (EV).

8. ******In the **CS Verified User** drop-down list, select an account user that you want to designate as a Code Signing Certificate request approver.

Only a **CS Verified User** can approve Code Signing Certificate request. Note that only users with a job title and valid telephone number appear in the drop-down list.

- Note: The CS Verified User drop-down list box only appears if you checked CS Code Signing Organization Validation.
- 9. Click **Submit for Validation**.

You should receive the *"Successfully submitted 'organization' for validation"* message. We will now validate the organization for the validation types that you selected.

6.2.4 How to View the EV Certificate and Code Signing Certificate Approvers for an Organization

- 1. In your account, in the sidebar menu, click Validation > Organizations.
- 2. On the **Organizations** page, in the **Status** drop-down list, select **All**, **Active**, **Pending**, or **Inactive** to filter the organizations.
- 3. In the **Division** drop-down list, select the Division or Subdivision to filter the organizations.
- 4. To the right of an organization for which you want to view the **EV Verified** and **CS Verified Users**, click **Manage**.
- 5. EV Verified Users:

On the **"Organization's"** page, under **Pending Validation** or **Active Validation** (depending on whether the organization is validated yet), under **EV - Extended Organization Validation (EV)**, the **EV Verified Users** are listed.

6. CS Verified Users:

On the **"Organization's"** page, under **Pending Validation** or **Active Validation** (depending on whether the organization is validated yet), under **CS - Code Signing Organization Validation**, the **CS Verified Users** are listed.

6.2.5 How to Add EV Certificate and Code Signing Certificate Approvers for an Organization

- 1. In your account, in the sidebar menu, click Validation > Organizations.
- 2. On the **Organizations** page, in the **Status** drop-down list, select **All**, **Active**, **Pending**, or **Inactive** to filter the organizations.
- 3. In the **Division** drop-down list, select the Division or Subdivision to filter the organizations.
- 4. To the right of an organization for which you want to add the **EV Verified** and **CS Verified Users**, click **Manage**.
- 5. On the **"Organization's"** page, click **Submit for Validation**.
- 6. To Add an EV Verified User:

In the Submit Organization for Validation window, check EV - Extended Organization Validation (EV)*.

7. To Add a CS Verified User:

In the Submit Organization for Validation window, check CS - Code Signing Organization Validation**.

8. *In the **EV Verified User** drop-down list, select an account user that you want to designate as an EV Certificate request approver.

Only an **EV Verified User** can approve Extended Validation (EV) Certificate request. Note that only users with a job title and valid telephone number appear in the drop-down list.

- Note: The EV Verified User drop-down list box only appears if you checked EV Extended Organization Validation (EV).
- 9. ******In the **CS Verified User** drop-down list, select an account user that you want to designate as a Code Signing Certificate request approver.

Only a **CS Verified User** can approve Code Signing Certificate request. Note that only users with a job title and valid telephone number appear in the drop-down list.

- Note: The CS Verified User drop-down list box only appears if you checked CS Code Signing Organization Validation.
- 10. Click Submit for Validation.

You should receive the *"Successfully submitted 'organization' for validation"* message, and the EV Verified and CS Verified Users should be added to that **"Organization's"** page (Validation > Organizations > Manage).

6.3 Managing Domains

Once an organization has been added, you can assign domains to an organization for validation. You can also select the type of authorization for which the domain should be validated.

Managing domains typically involves adding domains along with authorizing validation for the domains. Once a domain has been validated, domain management may involve authorizing additional validation types for which the domain must be validated.

6.3.1 How to Add a Domain and Authorize It for Certificates

- 1. In your account, in the sidebar menu, click Validation > Domains.
- 2. On the **Domains** page, click + New Domain.
- 3. On the **New Domain** page, under **Domain Details**, enter the following domain information:

Organization: In the drop-down list, select the organization to which the domain is assigned.

DomainEnter the domain name for which certificates will be requested (i.e.Name:example.domain.com).

- 4. Under Authorization, check the validation types for which the domain must be validated.
 - OV Normal Organization Validation
 - Grid Public Grid Host Validation
 - EV Extended Organization Validation (EV)*
- 5. *In the EV Verified User drop-down list, select an account user that you want to designate as an EV Certificate requests approver.

Only an **EV Verified User** can approve Extended Validation (EV) Certificate request. Note that only users with a job title and valid telephone number appear in the drop-down list.

- Note: The EV Verified User drop-down list box only appears if you checked EV Extended Organization Validation (EV), and the organization that you selected earlier (step 3) has not been pre-authorized for EV-Extended Organization Validation (EV).
- 6. When you are finished, click **Save Domain**.

You should receive the **"Successfully created 'domain name'"** message, and the domain should be listed on the **Domains** page (**Validation > Domains**). We will now validate the domain for the validation types that you selected.

6.3.2 How to View Domains

- 1. In your account, in the sidebar menu, click Validation > Domains.
- 2. In the **Division** drop-down list, select the Division or Subdivision to filter the domains.
- 3. Rearrange domains by organization name, domain name, date the domain was added, validations, or pending validations.

On the **Domains** page, click one of the column headers (**Organization**, **Domain Name**, **Date Added**, **Validated For**, or **Pending Validation For**) to rearrange the order in which the organizations are listed.

4. To the right of a domain, click Manage to view basic details about the domain.

6.3.3 How to Authorize a Domain for Additional Certificate Types

- 1. In your account, in the sidebar menu, click Validation > Domains.
- 2. On the **Domains** page, in the **Division** drop-down list, select the Division or Subdivision to filter the domains.
- 3. To the right of the domain for which you want to authorize additional certificate types, click Manage.
- 4. On the **"Domain's"** page, click **Submit for Validation**.
- 5. In the **Submit Domain for Validation** window, check the validation types for which the domain must be validated.
 - OV Normal Organization Validation
 - Grid Public Grid Host Validation
 - EV Extended Organization Validation (EV)*
- 6. *In the EV Verified User drop-down list, select an account user that you want to designate as an EV Certificate requests approver.

Only an **EV Verified User** can approve an Extended Validation (EV) Certificate request. Note that only users with a job title and valid telephone number appear in the drop-down list.

Note: The EV Verified User drop-down list box only appears if you checked EV-Extended Organization Validation (EV), and the organization listed under Details has not been pre-authorized for EV-Extended Organization Validation (EV). 7. When you are finished, click **Submit for Validation**.

You should receive the **"Successfully submitted 'domain' for validation"** message. We will now validate the domain for the validation types that you selected.

6.3.4 How to View the Domains Validations (Pending or Active)

Use this instruction if you need to see what types of certificates you can order for a domain,

- 1. In your account, in the sidebar menu, click Validation > Domains.
- 2. On the **Domains** page, in the **Division** drop-down list, select the Division or Subdivision to filter the domains.
- 3. To the right of a domain that you need to see the types of certificates you can order, click **Manage**.
- 4. On the **"Domain's"** page, under **Pending Validation** or **Active Validation** (depending on whether the domain is validated yet), the types of validation are listed.
 - OV Normal Organization Validation

For this validation type, you can order SSL Plus, Unified Communications, and Wildcard Plus Certificates.

• Grid - Public Grid Host Validation

For this validation type, you can order Grid Host SSL and Grid Host SSL UC Certificates.

• EV - Extended Organization Validation (EV)

For this validation type, you can order EV SSL Plus and EV Multi-Domain Certificates

Note: Although it may appear that the EV Verified Users are for the domain, they are not. The EV Verified Users that are listed are for the organization and can approve EV Certificates for any of the applicable domains assigned to their organization.

6.3.5 Domain Name System (DNS) Validation

If you'd like to enable DNS-based domain validation for your organization or the organization's you service, please contact support@digicert.com so that we can enable it for you.

7 Certificate Management

Before you start to use your DigiCert account, work with your account representative to set up your account structure (Divisions and Subdivisions) and permissions. Depending on how your account is

structured, some of the features discussed in this section may not be included in your Division, Subdivision, or your account altogether.

After we vet your organizations and pre-validate their domains and subdomains for the types of certificates authorized, you can start requesting, approving, receiving, and installing/configuring your certificates.

7.1 Requesting Certificates

The certificate lifecycle begins when administrators and users log into their account and request certificates for their assigned domains and subdomains, for signing code, and for authentication. Account users can only request the types of certificates that have been authorized for their organization and the domains and/or subdomains assigned to their Division or Subdivision.

Depending on the structure of your account, you may be able to request the following types of certificates:

• SSL Certificates

EV Multi-Domain, EV SSL Plus, Unified Communications, SSL Plus, and Wildcard Plus

• Grid Certificates

Grid Premium, Grid Robot Email, Grid Robot FQDN, Grid Robot Name, Grid Host SSL, and Grid Host SSL UC

- Client Certificates Digital Signature Plus, Email Security Plus, and Premium
- Code Signing Certificates Code Signing and EV Code Signing
- Document Signing Certificates Document Signing - Organization (2000) and Document Signing - Organization (5000)

7.1.1 How to Request an SSL Plus, EV SSL Plus, EV Multi-Domain, Unified Communications and a Wildcard Plus Certificate

The process for requesting any of the available SSL Certificates is the same:

- Create your Certificate Signing Request (CSR).
- Fill out the request form.
- Wait for approval.

The form for requesting each type of SSL Certificate is similar. For this reason, we will provide instructions for ordering an SSL Certificate and note any differences between the different types of SSL Certificate request forms.

You can use this instruction for the following certificates:

- EV Multi-Domain
- EV SSL Plus
- SSL Plus
- Unified Communications
- Wildcard Plus

How to Request an SSL Certificate

1. Create your CSR.

Note: To remain secure, certificates must use 2048-bit keys.

To learn how to create a CSR, see Create a CSR (Certificate Signing Request).

- 2. In your account, in the sidebar menu, click Orders > Request a Certificate.
- 3. On the Request a Certificate page, select SSL Certificates.
- 4. On the SSL Certificates tab, select one of the available certificates and then, click Order Now.
- 5. Paste your CSR

On the **Request "certificate name"** page, under **Certificate Settings**, in the **Paste your CSR** box, do one of the following:

Upload your CSR. Click the **Click to upload a CSR** link to browse for, select, and open your CSR file.

Paste your CSR. Use a text editor to open your CSR file. Then, copy the text, including the -----BEGIN NEW CERTIFICATE REQUEST----- and -----END NEW CERTIFICATE REQUEST----- tags, and paste it in to the request form in the area provided.



6. Common Name

After uploading your CSR, the **Common Name** box should be prepopulated with the common name from the CSR and the organization to which the domain is assigned populates the **Organization** field.

If you have not uploaded your CSR yet, under **Common Name**, expand **Show Available Domains** and select one of the available domains or subdomains (i.e. *example.com* (*Organization Name*) or *mail.example.com* (*Organization Name*)).

The selected domain name is entered in the **Common Name** box, and the organization to which the domain is assigned populates the **Organization** field.

• For an EV Multi-Domain Certificate:

The common name is listed as the first SAN (subject alternative name) name in the certificate.

• For a Unified Communications Certificate:

The common name is listed as the first SAN (subject alternative name) name in the certificate.

• For a Wildcard Plus Certificate:

The common name would be **.example.com*.

- **Note:** The common name must be from one of the available domains or a subdomain of one of the available domains.
- 7. Other Hostnames (SANs)

For EV Multi-Domain, and Unified Communications Certificates

In the **Other Hostnames (SANs)** box, enter additional hostnames (i.e. *example2.com*, *example3.net*, *mail.example.net*) that you want your EV Multi-Domain or Unified Communications Certificate to secure.

(Optional) For Wildcard Plus Certificates

In the **Other Hostnames (SANs)** box, enter additional hostnames (i.e. *example2.com*, *example3.net*, *mail.example.net*) that you want your Wildcard Certificate to secure.

Wildcard Plus Certificates only secure the first level of subdomains. To really secure your entire domain, specify SANs as many level deep as you need.

Some mobile clients, including Windows Mobile 5, do not support wildcards, but they do support Subject Alternative Names. If you want to be Windows Mobile 5 compliant, add SANs to your Wildcard Certificate.

8. Next, enter the following information:

Organization Unit:	Enter the name of your department, group, etc.	
Validity Period:	Select a validity period for the certificate: 1 Year, 2 Years, 3 Years , or Custom Expiration Date).	
	For EV SSL Plus and EV Multi-Domain Certificates:	
	The maximum validity period is 2 Years .	
Signature Hash:	In the drop-down list, select a signature hash.	
In the Order Information section, do the following:		
Server Platform:	Select the server on which the CSR was generated.	

Comments toEnter any information that your administrator might need forAdministrator:approving your request, about the purpose of the certificate, etc.

These comments are not meant to be included in the certificate.

- 10. Under **Terms of Service**, read through the terms of service, making sure you understand the terms and then, check **I agree to the Terms of Service above**.
- 11. When you are finished, click **Submit Certificate Request**.

You should receive the **"Successfully created SSL certificate request"** message and an email should be sent notifying the admins or EV Certificate approvers that there is a certificate request that needs their approval.

On the **Requests** page (**Orders > Requests**), your certificate should be listed with the **Status** of **Pending**.

7.1.2 How to Request a Grid Host SSL and Grid Host SSL UC Certificate

The process for requesting Grid Host SSL and Grid Host SSL UC Certificates is the same:

- Create your Certificate Signing Request (CSR).
- Fill out the request form.
- Wait for approval.

The form for requesting the Grid Host SSL Certificate and Grid SSL UC Certificate is similar. For this reason, we will provide instructions for requesting a Grid Host SSL Certificate and note any differences between the Grid Host SSL Certificate and the Grid Host SSL UC Certificate request forms.

You can use this instruction for the following certificates:

9.

- Grid Host SSL
- Grid Host SSL UC

How to Request a Grid Host SSL Certificate

1. Create your CSR.

Note: To remain secure, certificates must use 2048-bit keys.

To learn how to create a CSR, see Create a CSR (Certificate Signing Request).

- 2. In your account, in the sidebar menu, click **Orders > Request a Certificate**.
- 3. On the **Request a Certificate** page, select **Grid Certificates**.
- 4. On the Grid Certificates tab, select Grid Host SSL and then, click Order Now.
- 5. Paste your CSR

On the **Request Grid Host SSL Certificate** page, under **Certificate Settings**, in the **Paste your CSR** box, do one of the following:

Upload your CSR.	Click the Click to upload a CSR link to browse for, select, and open your CSR file.
Paste your CSR.	Use a text editor to open your CSR file. Then, copy the text, including the

e your CSR. Use a text editor to open your CSR file. Then, copy the text, including the -----BEGIN NEW CERTIFICATE REQUEST----- and -----END NEW CERTIFICATE REQUEST----- tags, and paste it in to the request form in the area provided.

6. Service / Common Name

Under Service / Common Name section do the following:

i. In the **Service** box, enter the service that you want to use to connect to the grid server.

ii. After uploading your CSR, the **Common Name** box should be prepopulated with the common name from the CSR and the organization to which the domain is assigned populates the **Organization** field.

If you have not uploaded your CSR yet, under **Common Name**, expand **Show Available Domains** and select one of the available domains or subdomains (i.e. *example.com (Organization Name)* or *mail.example.com (Organization Name)*).

The selected domain name is entered in the **Common Name** box, and the organization to which the domain is assigned populates the **Organization** field.

Note that the common name must be from one of the available domains or a subdomain of one of the available domains.

For a Grid Host SSL UC Certificate:

The common name is listed as the first SAN (subject alternative name) name in the certificate.

7. Other Hostnames (SANs)

For a Grid Host SSL UC Certificate

In the **Other Hostnames (SANs)** box, enter additional hostnames (i.e. *www.example2.com, www.example3.net, mail.example.net*) that you want your Grid Host SSL UC Certificate to secure.

8. Next, enter the following information:

Validity Period: Select a validity period for the certificate: **1 Year**.

Signature Hash: In the drop-down list, select a signature hash.

9. Under Order Information, do the following:

Server Platform: Select the server on which the CSR was generated.

Comments toEnter any information that your administrator might need for approvingAdministrator:your request, about the purpose of the certificate, etc.

- 10. Under **Terms of Service**, read through the terms of service, making sure you understand the terms and then, check **I agree to the Terms of Service above**.
- 11. When you are finished, click Submit Certificate Request.

You should receive the **"Successfully created SSL certificate request"** message and an email should be sent notifying the admins that there is a certificate request that needs their approval.

On the **Requests** page (**Orders > Requests**), your certificate should be listed with the **Status** of **Pending**.

7.1.3 How to Request a Client, Grid Robot, and Grid Premium Certificates

The process for requesting any of the Client Certificates, any of the Grid Robot Certificates, and the Grid Premium Certificate is the same:

- Fill out the request form.
- Wait for approval.

The form for requesting any of the Client, the Grid Robot, and Premium Certificates is similar. For this reason, we will provide instructions for requesting a Premium Certificate and note any differences between the Premium Certificate request form and the other Client, Grid Robot, and Grid Premium Certificate request forms.

You can use this instruction for the following certificates:

- Digital Signature Plus
- Email Security Plus
- Premium
- Grid Premium
- Gird Robot Email
- Grid Robot FQDN
- Grid Robot Name

How to Request a Premium Client Certificate

- 1. In your account, in the sidebar menu, click **Orders > Request a Certificate**.
- 2. On the **Request a Certificate** page, click **Client Certificates**.

For a Grid Robot and Grid Premium Certificates:

On the Request a Certificate page, click Grid Certificates.

3. On the **Client Certificates** tab, select **Premium** and then click **Order Now**.

For a Grid Robot or Grid Premium Certificate:

On the **Grid Certificates** tab, select a Grid Robot or Premium Certificate and then click **Order Now**.

4. On the **Request Premium Certificate** page, under **Certificate Settings**, enter the following settings information:

Validity Period:	In the drop-down list, select a validity period for the certificate: (3 Years, 2 Years , or 1 Year).	
	For Grid Premium, Robot Email, Robot FQDN, and Robot Name Certificates:	
	The maximum validity period is 1 Year .	
Organization:	In the drop-down list, select the organization for which you are requesting the Client Certificate.	
	Note: The organization's name appears on your Client Certificate.	
Organization Unit:	Enter the name of your department, group, etc.	
	For Grid Robot Email, Robot FQDN, and Robot Name Certificates:	
	The Organization Unit field is not required.	
Signature Hash:	In the drop-down list, select a signature hash.	

- Under Order Options, in the Automatic Renewal drop-down list, select how often you want the certificate to be automatically renewed (Don't automatically renew or Automatically renew once – Automatically renew 99 times).
- 6. Under Certificate(s) to Request , enter the following Recipient Details:

Recipient Name	Enter the recipient's name (i.e. John Doe).
Recipient Email	Enter the recipient's email address (i.e. <i>john.doe@example.com</i>).
	This email address is used to send the recipient an email so that they can generate their Client Certificate.

For Grid Robot Email:

Only the recipients email address is required.

Recipient Email	Enter the recipient's email address (i.e. john.doe@example.com).
	This email address is used to send the recipient an email so that they can generate their Client Certificate.

For Grid Robot FQDN:

FDQN	Enter the recipient's fully qualified domain name (FQDN).
Recipient Email	Enter the recipient's email address (i.e. <u>john.doe@example.com</u>).
	This email address is used to send the recipient an email so that they can generate their Client Certificate.

- 7. To add additional Client Certificate recipients, click **Add Another Certificate** and enter the recipient's **Recipient Details**.
- 8. Under **Terms of Service**, read through the terms of service, making sure you understand the terms and then, check **I agree to the Terms of Service above**.
- 9. When you are finished, click Submit Request.

You should receive the **"Client certificate requested"** message. The recipient will be sent an email that contains a link that lets them create their Client Certificate.

On the **Orders** page (**Orders** > **Orders**), your certificate should be listed with the **Status** of **Pending**. After the recipient creates the client certificate, the certificate's status should change to "**Issued**".

7.1.4 How to Request a Code Signing Certificate

The process for requesting a Code Signing Certificate is as follows:

- For Sun Java Platform Only: Create your Certificate Signing Request (CSR). Sun Java is the only platform for which you are required to submit a CSR.
- Fill out the request form.
- Wait for approval.

How to Request a Code Signing Certificate

1. For Sun Java Platform Only: Create your CSR.

Note: To remain secure, certificates must use 2048-bit keys.

To learn how to create a CSR, see Create a CSR (Certificate Signing Request).

- 2. In your account, in the sidebar menu, click **Orders > Request a Certificate**.
- 3. On the **Request a Certificate** page, click **Code Signing**.
- 4. On the Code Signing tab, select Code Signing and then, click Order Now.
- 5. On the **Request Code Signing Certificate** page, under **Certificate Settings** section, enter the following settings information:

Organization:	In the drop-down list, select the organization for which you are requesting the Code Signing Certificate.	
	Note: The organization's name appears on your Code Signing Certificate.	
Organization Unit:	Enter the name of your department, group, etc.	
Validity Period:	Select a validity period for the certificate: 1 Year, 2 Years , or 3 Years	
Signature Hash:	In the drop-down list, select a signature hash.	

- 6. Under **Order Options**, in the **Server Platform** box, select the platform for which the Code Signing Certificate is to be used.
- 7. (Sun Java Platform only) In the Paste your CSR box, do one of the following:
 - Upload your CSR. Click the Click to upload a CSR link to browse for, select, and open your CSR file.
 - Paste your CSR.
 Use a text editor to open your CSR file. Then, copy the text, including the ---

 -BEGIN NEW CERTIFICATE REQUEST----- and -----END NEW CERTIFICATE

 REQUEST----- tags, and paste it in to the request form in the area provided.



- 8. In the **Comments to Administrator** box, enter any information that your administrator might need for approving your request, about the purpose of the certificate, etc.
- 9. Under **Terms of Service**, read through the terms of service, making sure you understand the terms and then, check **I agree to the Terms of Service above**.
- 10. When you are finished, click Submit Certificate Request.

You should receive the **"Successfully created code signing certificate request"** message, and an email should be sent notifying the CS Certificate approvers that there is a certificate request that needs their approval.

On the **Request** page (**Orders > Requests**), your certificate should be listed with the **Status** of **Pending**.

7.1.5 How to Request an EV Code Signing Certificate

The process for requesting an EV Code Signing is as follows:

- Fill out the request form.
- Wait for approval.

How to Request an EV Code Signing Certificate

- 1. In your account, in the sidebar menu, click **Orders > Request a Certificate**.
- 2. On the **Request a Certificate** page, click **Code Signing**.
- 3. On the Code Signing tab, select EV Codes Signing and then, click Order Now.
- 4. On the Request EV Code Signing Certificate page, enter the following settings information:

Organization:	In the drop-down list, select the organization for which you are requesting the Code Signing Certificate.	
	Note:	The organization's name appears on your Code Signing Certificate.
Organization Unit:	Enter t	he name of your department, group, etc.

- Validity Period: Select a validity period for the certificate: **1 Year**, **2 Years**, or **3 Years**.
- 5. Under **Provisioning Options**, select an EV Code Signing Certificate provision option and complete the necessary steps for that option:

• Preconfigured Hardware Token

Select this option if you want DigiCert to install your EV Code Signing Certificate on a secure token and then ship it to you. See <u>Currently Supported eTokens</u>.

After selecting this option, enter your **Shipping Information**: your name and the address to which you want the token to be sent.

• Use Existing Token

Select this option if you already have a supported hardware token and want to install your EV Code Signing Certificate on that token yourself. See <u>Currently</u> <u>Supported eTokens</u>.

After selecting this option, in the **Platform** drop-down list, select the hardware token on which you will be installing your EV Code Signing Certificate.

• Install on HSM

Select this option if you want to down load the EV Code Signing Certificate and install it on your HSM device yourself.

If you select this option, you are required to provide audit documentation to DigiCert demonstrating that you are qualified. Only then can we issue your EV Code Signing Certificate.

After selecting this option, do the following:

i. Create your CSR.

Note: To remain secure, certificates must use 2048-bit keys.

To learn how to create a CSR, see Create a CSR (Certificate Signing Request).

- ii. In the **Select Platform** box, select the platform on which you will be installing your EV Code Signing Certificate.
- iii. In the Paste your CSR box, do one of the following:

Upload your CSR.	Click the Click to upload a CSR link to browse for, select, and open your CSR file.
Paste your CSR.	Use a text editor to open your CSR file. Then, copy the text, including theBEGIN NEW CERTIFICATE REQUEST andEND NEW CERTIFICATE REQUEST tags, and paste it in to the request form in the area provided.



- 6. Under **Terms of Service**, read through the terms of service, making sure you understand the terms and then, check **I agree to the Terms of Service above**.
- 7. When you are finished, click Submit Certificate Request.

You should receive the **"Successfully created code signing certificate request"** message, and an email should be sent notifying the EV Certificate approvers that there is a certificate request that needs their approval.

On the **Request** page (**Orders > Requests**), your certificate should be listed with the **Status** of **Pending**.

7.1.6 How to Request a Document Signing Certificate

The process for requesting any of the Document Signing certificates is the same:

- Fill out the request form.
- Wait for approval.

Because the request form is the same for all Document Signing certificates, this instruction can be used for the following certificates:

- Document Signing Organization (2000)
- Document Signing Organization (5000)

How to Request Document Signing Certificate - Organization Certificate

- 1. In your account, in the sidebar menu, click **Orders > Request a Certificate**.
- 2. On the **Request a Certificate** page, click **Document Signing**.
- 3. On the **Document Signing** tab, select a **Document Signing Organization** certificate and then, click **Order Now**.

4. On the **Request Document Signing Certificate – Organization Certificate** page, under **Certificate Settings**, enter the following settings information:

Organization:	In the drop-down list, select the organization to which the document signing certificate requestor belongs.
	For example, if you are ordering a Document Signing certificate for Jane Doe in Legal, select the Organization to which she belongs.
	Note: The organization's name does not appear on the Document Signing certificate.
Signature Hash:	In the drop-down list, select a signature hash.
Validity Period:	Select a validity period for the certificate: (3 Years, 2 Years, or 1 Year).

5. Under **Provisioning Options**, select a Document Signing Certificate provision option and complete the necessary steps for that option:

• Preconfigured Hardware Token

Select this option if you want DigiCert to install your Document Signing Certificate on a secure token and then ship it to you. See <u>Currently Supported eTokens</u>.

After selecting this option, enter the Document Signing certificate recipient's **Shipping Information**: the name and the address to which you want the token to be sent.

• Use Existing Token

Select this option if you already have a supported hardware token and want to install your Document Signing Certificate on that token yourself. See <u>Currently</u> <u>Supported eTokens</u>.

After selecting this option, in the **Platform** drop-down list, select the hardware token on which you will be installing your Document Signing Certificate.

6. Under **Subject Information**, enter the following information for the certificate requestor:

Person's Full Name	Enter the name of the individual who the Document Signing certificate is for. For example, if you are the requestor enter your name. If you are requesting the certificate for Jane Doe in Legal enter her name.
	Note: The person's full name appears on the Document Signing certificate.

Phone: Enter a phone number at which the individual can be reached.

Email: Enter an email address at which the individual can be reached.

Job Title: Type the user's job title.

- 7. Under **Terms of Service**, read through the terms of service, making sure you understand the terms and then, check **I agree to the Terms of Service above**.
- 8. When you are finished, click Submit Certificate Request.

You should receive the **"Successfully created document signing certificate request"** message, and an email should be sent notifying the admins that there is a certificate request that needs their approval.

On the **Request** page (**Orders > Requests**), your certificate should be listed with the **Status** of **Pending**.

7.1.7 How to Add Multiple Wildcard Domains to a Certificate

If you need to request a certificate with multiple Wildcard domains, please contact support@digicert.com so that we can create that certificate for you.

7.2 Managing Certificate Request Approvals and Rejections

After a user requests a certificate, an Administrator, an EV Verified User, or a CS Verified User must approve the certificate request. Next, the request is sent to DigiCert to verify that all the pre-validation requirements have been met. Then, we issue the certificate.

After a user requests a certificate, any administrator, an EV Verified User, or a CS Verified User can also reject the certificate request, if needed. For example, if the user ordered the wrong type of certificate.

7.2.1 How to View Certificate Requests

- 1. In your account, in the sidebar menu, click **Orders > Requests**.
- 2. Filter certificates by Status.

On the **Requests** page, in the **Status** drop-down list, select **Pending**, **Approved**, **Rejected**, or **All** to filter the certificates.

3. Filter certificates by **Type**.

In the **Type** drop-down list, select **All**, **New Request**, **Reissue**, **Revoke**, or **Duplicate** to filter the certificates.

4. Filter certificates by **Division**.

In the **Division** drop-down list, select the Division or Subdivision to filter the certificates.

5. Rearrange certificates by order number, common name, certificate type, certificate status, Division or Subdivision, certificate request date, or certificate requester.

Click one of the column headers (Order ID, Common Name, Type, Status, Division, Requested, or Requester) to arrange the order in which the certificate requests are listed.

6. To view the certificate request details, to the right of a certificate request click **View**.

7.2.2 How to Approve a Certificate Request

EV SSL Plus, EV Multi-Domain, and EV Code Signing Certificate requests can only be approved by an **EV Verified User**. Code Signing Certificate requests can only be approved by a **CS Verified User**.

- 1. In your account, in the sidebar menu, click **Orders > Requests**.
- 2. On the **Requests** page, in the **Division** drop-down list, select a division to filter the list of requests.
- 3. In the **Status** drop-down list, select **Pending** to see only the certificates that need administrator approval.
- 4. In the **Type** drop-down list, select a type to further filter the list of requests.
- 5. To the right of the certificate that you want to approve, click **View**.
- 6. On the **"Certificate's" Request** page, review the information (such as who requested the certificate and their division), verifying that it is correct, and then click **Approve**.
 - **Note:** If the certificate request was submitted through one of your guest URL's, the request info is highlighted yellow.
- 7. In the Approve Request window, enter an Approval Comment and then, click Approve.

You should receive the "Successfully approved request" message.

On the **Orders** page (**Orders > Orders**), your certificate should be listed with the **Status** of **Pending**.

If all validation is completed and no further validation is required, the certificate should be issued to your account within minutes.

7.2.3 How to View Who Requested a Certificate (Approved Requests)

1. In your account, in the sidebar menu, click **Orders > Requests**.

- 2. On the **Requests** page, in the **Status** drop-down list, select **Approved** to see all approved certificate requests.
- 3. In the **Type** drop-down list, select a certificate type (**All**, **New Request**, **Reissue**, **Revoke**, **or Duplicate**) to filter the list of approved requests.
- 4. In the **Division** drop-down list, select a division to further filter the list of approved certificate requests.
- 5. To the right of the requests for which you want to view the requestor, click **View**.
- 6. On the **"Certificate" Request** page, under **Request Info**, you should be able to see who the certificate was **Requested By**.

7.2.4 How to View Who Approved a Certificate Request (Approved Requests)

- 7. In your account, in the sidebar menu, click **Orders > Requests**.
- 8. On the **Requests** page, in the **Status** drop-down list, select **Approved** to see all approved certificate requests.
- 9. In the **Type** drop-down list, select a certificate type (**All**, **New Request**, **Reissue**, **Revoke**, **or Duplicate**) to filter the list of approved requests.
- 10. In the **Division** drop-down list, select a division to further filter the list of approved certificate requests.
- 11. To the right of the requests for which you want to view the approver, click **View**.
- 12. On the **"Certificate" Request** page, under **Approval**, you should be able to see who the certificate request was **Approved By**.

7.2.5 How to View EV Approvers

Only **EV Verified Users** can approve requests for EV Multi-Domain, EV SSL Plus, and EV Code Signing Certificates.

- 1. In your account, in the sidebar menu, click Validation > Organizations.
- 2. On the **Organizations** page, in the **Status** drop-down list, select a status to filter the list of organizations.
- 3. In the **Division** drop-down list, select a division to filter the list of organizations.
- 4. To the right of the organization whose **EV Approver** you want to view, click **Manage**.
- 5. On the **"Organization's"** page, under **Pending Validation** or **Active Validation** (depending on whether the organization is validated yet), under **EV Extended Organization Validation (EV)**, the **EV Verified Users** are listed.

7.2.6 How to View CS Approvers

Only **CS Verified Users** can approve requests for Code Signing Certificates.

- 1. In your account, in the sidebar menu, click Validation > Organizations.
- 2. On the **Organizations** page, in the **Status** drop-down list, select a status to filter the list of organizations.
- 3. In the **Division** drop-down list, select a division to filter the list of organizations.
- 4. To the right of the organization whose **CS Approver** you want to view, click **Manage**.
- 5. On the **"Organization's"** page, under **Pending Validation** or **Active Validation** (depending on whether the organization is validated yet), under **CS Code Signing Organization Validation**, the **CS Verified Users** are listed.

7.2.7 How to Reject a Certificate Request

- 1. In your account, in the sidebar menu, click **Orders > Requests**.
- 2. On the **Requests** page, in the **Division** drop-down list, select a division to filter the list of requests.
- 3. In the **Status** drop-down list, select **Pending** to see only the certificates that need administrator approval.
- 4. In the **Type** drop-down list, select a type to further filter the list of requests.
- 5. To the right of the certificate that you want to reject, click **View**.
- 6. On the "Certificate's" Request page, click Reject.
 - **CAUTION:** In the **Reject Request** window, do not click **Reject**, unless you are sure that you want to reject the certificate request. When you click **Reject**, the certificate request is automatically rejected and cannot be undone.
- 7. In the Reject Request window, enter a Rejection Comment and then, click Reject.

Your rejection comment appears on the rejection email that is sent to the requestor.

8. You should receive the "Successfully rejected request" message.

The requestor is sent an email informing them that their certificate request has been rejected. Your rejection comment is included in the email.

7.3 Managing Certificates

After DigiCert issues your certificate, the certificate management process begins. Managing certificates includes downloading the certificates so that they can be installed, configured, and

used. Certificate management also involves tracking, revoking (placing revoke requests, rejecting revoke requests, and approving revoke requests), reissuing, duplicating, and renewing certificates.

7.3.1 How to View Certificates

- 1. In your account, in the sidebar menu, click **Orders > Orders**.
- 2. Filter certificates by **Status**.

On the Orders page, in the Status drop-down list, select Issued, Expired, Pending, Revoked, Rejected, Needs Approval, or All to filter the certificates.

3. Filter the certificates by **Division**.

In the **Division** drop-down list, select a Division or Subdivision to filter the certificates.

4. Rearrange certificates by order number, certificate request date, common name, certificate status, certificate validity period, certificate type, or certificate expiration date.

Click one of the column headers (Order #, Date, Common Name, Status, Validity, Product, or Expires) to rearrange the order in which the certificates are listed.

5. To view the certificate details, to the right of a certificate, click **View**.

7.3.2 How to Download a Certificate

After your certificate is issued, you may want to download the certificate to your server or workstation so it can be installed (code signing certificates) or installed and configured (SSL and Grid SSL Certificates).

- 1. On the server or workstation where you need to install the certificate, log into your account.
- 2. In your account, in the sidebar menu, click **Orders > Orders**.
- 3. On the Orders page, in the Status drop-down list, select Issued.
- 4. In the **Division** drop-down list, select the appropriate Division or Subdivision.
- 5. To the right of the certificate that you need to download, click **View**.
- 6. On the Manage Order # page, click Download Certificates.
- 7. On the **Download Certificates for Order #** page, in the **Format** section, select one of the following certificate formats:

Recommended format for... Use this option to download the certificate in the format recommended for the server software or software that was selected during the certificate request.

Best format for	Use the drop-down list to select server software that is different from the server software or software that was selected during the certificate request.
	For example, you created the certificate on an IIS 8 server but you need to install the certificate on an Apache server.
Specific file format	Use the drop-down list to select a specific file format for your certificate.
	For example, the server software requires the certificate to be in a special format (such as a single .pem file that contains all the certificates: server, intermediate, and root)

- 8. Next, click **Download Certificates** to save the certificate file.
- 9. Save the certificate file to your server or workstation, making sure to note where you saved the certificate file.

7.3.3 How to Activate Your EV Code Signing Hardware

Before you can access the EV Code Signing Certificate and use it to sign code, you need to activate your token, download and install the SafeNet driver for your token, and obtain and change your token password

To access the certificate on your token, you need to get your token password from the order details inside your account. After retrieving your certificate's token password from your order, the password will disappear and it is not recoverable. We recommend that you change your token password after logging into the token for the first time.

- 1. On the computer from which you want to sign code (applications), log into your account.
 - **Note:** You need to install the SafeNet drivers on any computer from which you want to use your EV Code Signing Certificate token to sign code.
- 2. In your account, in the sidebar menu, click **Orders > Orders**.
- 3. On the **Orders** page, in the **Status** drop-down list, select **Issued**.
- 4. In the **Division** drop-down list, select the appropriate Division or Subdivision.
- 5. To the right of the certificate that you need to activate, click **View**.
- 6. On the Manage Order # page, click Initialize Token.

If you have not received your token, do not continue. Leave the page and wait for your token to arrive before continuing.

- 7. On the EV Code Signing Hardware Token Order # page, check I have received the hardware token and then, click Submit.
- 8. Next, locate **"The current password that you will need to enter is:"** and record your DigiCert provided password*****.

***Note:** Your pre-assigned password will only be visible once. Make sure to take note of this password so you can access the certificate on your token.

9. Click the **Click here to download the SafeNet drivers for Windows** link to download the **SafeNetAuthenticationClient.exe**.

This lets you enable code signer authentication. Once enabled, SafeNet pops up before you sign a code and requires you to enter a password to verify that you are the actual signer.

- **Note:** If you need driver software for other OS platforms, please email Support at support@digicert.com or call Support at 1-801-701-9600.
- 10. Run the SafeNet Authentication Client.

Double-click SafeNetAuthenticationClient-32x-64x.exe.

- 11. In the SafeNet Authentication Client Setup Wizard, do the following:
 - i. On the Welcome to the SafeNet Authentication Client Installation Wizard page, click, Next.
 - ii. On the **Interface Language** page, in the language drop-down list, select a language to use for the SafeNet Authentication Client interface language and then click **Next**.
 - iii. On the License Agreement page, read through the license agreement, select I accept the license agreement and then click Next.
 - iv. On the Installation Type page, select Standard installation.

If you need legacy support, select **BSec-compatible**.

v. On the **Destination Folder** page, click **Next** to install the SafeNet drivers.

If you do not want to use the default location, click **Browse** to select a different folder before clicking **Next**.

- vi. On the SafeNet Authentication Client has been successfully installed page, click Finish.
- 12. To change your token password, do the following:

It is important to complete this step to change your password because your password disappears from your account.

- i. Plug in your DigiCert EV Code Signing Certificate token.
- ii. Open SafeNet Authentication Client Tools.
- iii. In the SafeNet Authentication Client Tools window, click Change Token Password.
- iv. On the Change Password page, In the Current Token Password box, enter the password that you retrieved from the ...Hardware Token Order # page (see step 8).
- v. In the **New Token Password** and **Confirm Password** boxes, create and confirm your new token password.
- vi. Click **OK**.
- 13. On the EV Code Signing Hardware Token Order # page, click the Click here when you have changed the password on the hardware token link.
- 14. You're done! You can begin using your DigiCert EV Code Signing Certificate to sign code. For instructions on how to sign code with your EV Code Signing Certificate, see <u>Code Signing</u> <u>Support & Tutorial</u>.

7.3.4 How to Install Your EV Code Signing Certificate on Your Own Secure Token

This instruction is for installing your EV Code Signing Certificate on your own supported secure token. You must have a FIPS 140-2 Level 2 compliant device.

- SafeNet eToken 5100
- SafeNet eToken 5105
- SafeNet eToken 5200
- SafeNet eToken 5205
- SafeNet eToken PRO 72K
- SafeNet eToken PRO Anywhere
- SafeNet iKey 4000

When installing an EV Code Signing Certificate on a token, there are two types of installations:

- You are using an existing token and remember the password. See Installing Your EV Code Signing Certificate on Your Token.
- You are using a new token, or you are using an existing token and have forgotten your password.

See Installing Your EV Code Signing Certificate and Reinitializing Your Token.

Installing Your EV Code Signing Certificate on Your Token

- 1. In your account, in the sidebar menu, click **Orders > Orders**.
- 2. On the Orders page, in the Status drop-down list, select Issued.
- 3. In the **Division** drop-down list, select the appropriate Division or Subdivision.
- 4. To the right of the certificate that you need to install on your token, click **View**.
- 5. On the Manage Order # page, click Install Certificate.
- 6. Next, **record** your EV Code Signing Certificate's **initialization code** (i.e. *aaaaa11111aaaaa1111*).

Later, when prompted by the **DigiCert Hardware Certificate Installer** wizard, you must enter this code

- 7. After you have recorded your certificate's initialization code, click DigiCert Hardware Certificate Installer link in your account and download and run the **DigiCert Hardware Certificate Installer**.
- 8. In the **DigiCert Hardware Certificate Installer** wizard, on the **Welcome** page, click **Next**.
- 9. On the License Agreement page, read the User License Agreement, check I accept and agree to the license agreement, and then, click Next.
- 10. On the **Initialization Code** page, in the **Initialization Code** box, enter your initialization code that you previously recorded and then, click **Next**.
- 11. On the Token Detection page, plug in your token and then, click Next.

Make sure that only one token is plugged in. If more than one token is plugged in, the wizard asks you to remove the tokens that are not being used for EV Code Signing Certificate installation.

Also, make sure that the drivers for the token are installed. If not the wizards asks you to remove your token, install the drivers, and then, re-install your token.

- 12. Next, the DigiCert Hardware Certificate Installer wizard analyzes your secure token device.
- 13. On the **Token Detection** page, click **Next**.
- 14. On the **Token Password** page, in the **Token Password** box, enter your password and then, click **Finish**.

Please do not remove your token while the installation process is being completed or you will have to start over. Using a strong network connection is also recommended because if the connection goes down, you will have to restart the process.

15. On the Certificate Installation page, after you receive four green checkmarks, click Close.

It may take a few minutes for the wizard to install the EV Code Signing Certificate.

16. You're done! You can begin using your DigiCert EV Code Signing Certificate to sign code. For instructions on how to sign code with your EV Code Signing Certificate, see <u>Code Signing</u> <u>Support & Tutorial</u>.

Installing Your EV Code Signing Certificate and Reinitializing Your Token

- 1. In your account, in the sidebar menu, click **Orders > Orders**.
- 2. On the Orders page, in the Status drop-down list, select Issued.
- 3. In the **Division** drop-down list, select the appropriate Division or Subdivision.
- 4. To the right of the certificate that you need to install on your token, click **View**.
- 5. On the Manage Order # page, click Install Certificate.
- 6. Next, **record** your EV Code Signing Certificate's **initialization code** (i.e. *aaaaa11111aaaaa1111*).

Later, when prompted by the **DigiCert Hardware Certificate Installer** wizard, you must enter this code

- 7. After you have recorded your certificate's initialization code, click DigiCert Hardware Certificate Installer link in your account and download and run the **DigiCert Hardware Certificate Installer**.
- 8. In the **DigiCert Hardware Certificate Installer** wizard, on the **Welcome** page, click **Next**.
- 9. On the License Agreement page, read the User License Agreement, check I accept and agree to the license agreement, and then, click Next.
- 10. On the **Initialization Code** page, in the **Initialization Code** box, enter your initialization code that you previously recorded and then, click **Next**.
- 11. On the Token Detection page, plug in your token and then, click Next.

Make sure that only one token is plugged in. If more than one token is plugged in, the wizard asks you to remove the tokens that are not being used for EV Code Signing Certificate installation.

Also, make sure that the drivers for the token are installed. If not the wizards asks you to remove your token, install the drivers, and then, re-install your token.

12. Next, the **DigiCert Hardware Certificate Installer** wizard analyzes your secure token device.

13. On the Token Detection page, check Re-initialize my token and permanently delete any existing certificates and keys and then, click Next.

Use this option if you fall into one of the following situations:

- You forgot your password, and you did not set up an administrator token password.
- You want to reset your password and clear all certificates and keys from the token.
- You need to reset your password for security purposes, and you did not set up an administrator token password.
- 14. On the **Token Setup** page, enter the following information and then, click **Next**:

Token Name	Provide a name for your token.
	If you have more than one token, provide a unique name to help identify what you are storing on it (i.e. EV Code Signing Token).
Password:	Under Token Password, enter and confirm the password for the token.
Confirm:	You are required to enter this password whenever you use the EV Code Signing Certificate on the token.
	Password must be 8 – 16 characters long.
	Password must have at least one lower case letter, one upper case letter, one number, and one punctuation.

- 15. (Optional) If you want to set up and administrator password, on the **Administrator Setup** page, do the following to setup an administrator password:
 - Check Set Administrator Password.
 - In the **Password** and **Confirm** boxes, enter and confirm the token administrator password.

We recommend that you setup an administrator password. If the token becomes locked, you can use this password to unlock the token. Without an administrator password, you must reinitialize the token, which permanently deletes all certificates and keys. You can also use the administrator password to reset the token password.

16. Click Finish.

Please do not remove your token while certificate installation is being completed, or you will have to start over. Using a strong network connection is also recommended because if the connection goes down, you will have to restart the process.

17. On the Certificate Installation page, after you receive four green checkmarks, click Close.

It may take a few minutes for the wizard to install the EV Code Signing Certificate.

 You're done! You can begin using your DigiCert EV Code Signing Certificate to sign code. For instructions on how to sign code with your EV Code Signing Certificate, see <u>Code Signing</u> <u>Support & Tutorial</u>.

7.3.5 How to Activate Your Document Signing Hardware

Before you can access the Document Signing Certificate and use it to sign documents, you need to activate your token, download and install the SafeNet driver for your token, and obtain and change your token password

To access the certificate on your token, you need to get your token password from the order details inside your account. After retrieving your certificate's token password from your order, the password will disappear and it is not recoverable. We recommend that you change your token password after logging into the token for the first time.

1. On the computer from which you want to sign documents, log into your account.

Note: You need to install the SafeNet drivers on any computer from which you want to use your Document Signing Certificate token to sign documents.

- 2. In your account, in the sidebar menu, click **Orders > Orders**.
- 3. On the Orders page, in the Status drop-down list, select Issued.
- 4. In the **Division** drop-down list, select the appropriate Division or Subdivision.
- 5. To the right of the certificate that you need to activate, click **View**.
- 6. On the Manage Order # page, click Initialize Token.

If you have not received your token, do not continue. Leave the page and wait for your token to arrive before continuing.

- 7. On the **Document Signing Hardware Token Order #** page, check **I have received the hardware token** and then, click **Submit**.
- 8. Next, locate **"The current password that you will need to enter is:"** and record your DigiCert provided password*****.

***Note:** Your pre-assigned password will only be visible once. Make sure to take note of this password so you can access the certificate on your token.

9. Click the **Click here to download the SafeNet drivers for Windows** link to download the **SafeNetAuthenticationClient.exe**.

This lets you enable code signer authentication. Once enabled, SafeNet pops up before you sign a document and requires you to enter a password to verify that you are the actual signer.

- **Note:** If you need driver software for other OS platforms, please email Support at support@digicert.com or call Support at 1-801-701-9600.
- 10. Run the SafeNet Authentication Client.

Double-click SafeNetAuthenticationClient-32x-64x.exe.

- 11. In the SafeNet Authentication Client Setup Wizard, do the following:
 - i. On the Welcome to the SafeNet Authentication Client Installation Wizard page, click, Next.
 - ii. On the **Interface Language** page, in the language drop-down list, select a language to use for the SafeNet Authentication Client interface language and then click **Next**.
 - iii. On the License Agreement page, read through the license agreement, select I accept the license agreement and then click Next.
 - iv. On the Installation Type page, select Standard installation.

If you need legacy support, select **BSec-compatible**.

v. On the **Destination Folder** page, click **Next** to install the SafeNet drivers.

If you do not want to use the default location, click **Browse** to select a different folder before clicking **Next**.

- vi. On the SafeNet Authentication Client has been successfully installed page, click Finish.
- 12. To change your token password, do the following:

It is important to complete this step to change your password because your password disappears from your account.

- i. Plug in your DigiCert Document Signing Certificate token.
- ii. Open SafeNet Authentication Client Tools.
- iii. In the SafeNet Authentication Client Tools window, click Change Token Password.
- iv. On the Change Password page, In the Current Token Password box, enter the password that you retrieved from the ...Hardware Token Order # page (see step 8).

- v. In the **New Token Password** and **Confirm Password** boxes, create and confirm your new token password.
- vi. Click **OK**.
- 13. On the **Document Signing Hardware Token Order #** page, click the **Click here when you have** changed the password on the hardware token link.
- 14. You're done! You can begin using your DigiCert Document Signing Certificate to sign documents. For instructions on how to sign documents with your Document Signing Certificate, see <u>Document Signing Support & Tutorial</u>.

7.3.6 How to Install Your Document Signing Certificate on Your Own Secure Token

This instruction is for installing your Document Signing Certificate on your own supported secure token. You must have a FIPS 140-2 Level 2 compliant device.

- SafeNet eToken 5100
- SafeNet eToken 5105
- SafeNet eToken 5200
- SafeNet eToken 5205
- SafeNet eToken PRO 72K
- SafeNet eToken PRO Anywhere
- SafeNet iKey 4000

When installing a Document Signing Certificate on a token, there are two types of installations:

- You are using an existing token and remember the password. See Installing Your Document Signing Certificate on Your Token.
- You are using a new token, or you are using an existing token and have forgotten your password.

See Installing Your Document Signing Certificate and Reinitializing Your Token.

Installing Your Document Signing Certificate on Your Token

- 1. In your account, in the sidebar menu, click **Orders > Orders**.
- 2. On the **Orders** page, in the **Status** drop-down list, select **Issued**.
- 3. In the **Division** drop-down list, select the appropriate Division or Subdivision.
- 4. To the right of the certificate that you need to install on your token, click **View**.
- 5. On the Manage Order # page, click Install Certificate.

6. Next, **record** your Document Signing Certificate's **initialization code** (i.e. *aaaaa11111aaaaa1111*).

Later, when prompted by the **DigiCert Hardware Certificate Installer** wizard, you must enter this code

- 7. After you have recorded your certificate's initialization code, click DigiCert Hardware Certificate Installer link in your account and download and run the **DigiCert Hardware Certificate Installer**.
- 8. In the **DigiCert Hardware Certificate Installer** wizard, on the **Welcome** page, click **Next**.
- 9. On the License Agreement page, read the User License Agreement, check I accept and agree to the license agreement, and then, click Next.
- 10. On the **Initialization Code** page, in the **Initialization Code** box, enter your initialization code that you previously recorded and then, click **Next**.
- 11. On the Certificate Details page, plug in your token and then, click Next.

Make sure that only one token is plugged in. If more than one token is plugged in, the wizard asks you to remove the tokens that are not being used for Document Signing Certificate installation.

Also, make sure that the drivers for the token are installed. If not the wizards asks you to remove your token, install the drivers, and then, re-install your token.

- 12. Next, the DigiCert Hardware Certificate Installer wizard analyzes your secure token device.
- 13. On the **Token Detection** page, click **Next**.
- 14. On the **Token Password** page, in the **Token Password** box, enter your password and then, click **Finish**.

Please do not remove your token while the installation process is being completed or you will have to start over. Using a strong network connection is also recommended because if the connection goes down, you will have to restart the process.

15. On the **Certificate Installation** page, after you receive four green checkmarks, click **Close**.

It may take a few minutes for the wizard to install the Document Signing Certificate.

16. You're done! You can begin using your DigiCert Document Signing Certificate to sign documents. For instructions on how to sign documents with your Document Signing Certificate, see <u>Document Signing Support & Tutorial</u>.

Installing Your Document Signing Certificate and Reinitializing Your Token

- 1. In your account, in the sidebar menu, click **Orders > Orders**.
- 2. On the Orders page, in the Status drop-down list, select Issued.
- 3. In the **Division** drop-down list, select the appropriate Division or Subdivision.
- 4. To the right of the certificate that you need to install on your token, click **View**.
- 5. On the Manage Order # page, click Install Certificate.
- 6. Next, **record** your Document Signing Certificate's **initialization code** (i.e. *aaaaa11111aaaaa1111*).

Later, when prompted by the **DigiCert Hardware Certificate Installer** wizard, you must enter this code

- 7. After you have recorded your certificate's initialization code, click DigiCert Hardware Certificate Installer link in your account and download and run the **DigiCert Hardware Certificate Installer**.
- 8. In the **DigiCert Hardware Certificate Installer** wizard, on the **Welcome** page, click **Next**.
- 9. On the License Agreement page, read the User License Agreement, check I accept and agree to the license agreement, and then, click Next.
- 10. On the **Initialization Code** page, in the **Initialization Code** box, enter your initialization code that you previously recorded and then, click **Next**.
- 11. On the Certificate Details page, plug in your token and then, click Next.

Make sure that only one token is plugged in. If more than one token is plugged in, the wizard asks you to remove the tokens that are not being used for Document Signing Certificate installation.

Also, make sure that the drivers for the token are installed. If not the wizards asks you to remove your token, install the drivers, and then, re-install your token.

- 12. Next, the DigiCert Hardware Certificate Installer wizard analyzes your secure token device.
- 13. On the **Token Detection** page, check **Re-initialize my token and permanently delete any** existing certificates and keys and then, click Next.

Use this option if you fall into one of the following situations:

- You forgot your password, and you did not set up an administrator token password.
- You want to reset your password and clear all certificates and keys from the token.

- You need to reset your password for security purposes, and you did not set up an administrator token password.
- 14. On the **Token Setup** page, enter the following information and then, click **Next**:

Token Name	Provide a name for your token.
	If you have more than one token, provide a unique name to help identify what you are storing on it (i.e. Document Signing Token).
Password:	Under Token Password , enter and confirm the password for the token.
Confirm:	You are required to enter this password whenever you use the EV Code Signing Certificate on the token.
	Password must be 8 – 16 characters long.
	Password must have at least one lower case letter, one upper case letter, one number, and one punctuation.

- 15. (Optional) IF you want to set up and administrator password, on the **Administrator Setup** page, do the following to setup an administrator password:
 - Check Set Administrator Password.
 - In the **Password** and **Confirm** boxes, enter and confirm the token administrator password.

We recommend that you setup an administrator password. If the token becomes locked, you can use this password to unlock the token. Without an administrator password, you must reinitialize the token, which permanently deletes all certificates and keys. You can also use the administrator password to reset the token password.

16. Click Finish.

Please do not remove your token while certificate installation is being completed, or you will have to start over. Using a strong network connection is also recommended because if the connection goes down, you will have to restart the process.

17. On the **Certificate Installation** page, after you receive four green checkmarks, click **Close**.

It may take a few minutes for the wizard to install the Document Signing Certificate.

18. You're done! You can begin using your DigiCert Document Signing Certificate to sign documents. For instructions on how to sign documents with your Document Signing Certificate, see <u>Document Signing Support & Tutorial</u>.

7.3.7 How to Place a Request to Revoke a Certificate

- 1. In your account, in the sidebar menu, click **Orders > Orders**.
- 2. On the Orders page, in the Status drop-down list, select Issued.
- 3. In the **Division** drop-down list, select the appropriate Division or Subdivision.
- 4. To the right of the certificate that you need to place a request to revoke, click View.
- 5. In the Manage Order # section, click Revoke Certificate.
- 6. On the **Revoke Certificate for Order #** page, making sure that you really need to revoke the certificate, click **Request Revocation** to request the certificate revocation.

You should receive the "Certificate revoke request placed." message.

7.3.8 How to Approve a Certificate Revoke Request

- 1. In your account, in the sidebar menu, click **Orders > Requests**.
- 2. On the **Requests** page, in the **Status** drop-down list, select **Pending** to see only the certificates that need administrator approval.
- 3. In the **Type** drop-down list, select **Revoke** to see only the certificates that need revocation approval.
- 4. To the right of the certificate whose revocation you need to approve, click **View**.

The Type for the certificate should be REVOKE.

- 5. On the **Revoke Request for Order #** page, making sure that you really need to revoke the certificate, click **Approve** to revoke the certificate.
 - **CAUTION:** In the **Approve Request** window, do not click **Reject**, unless you are sure that you want to reject the certificate request. When you click **Reject**, that certificate request is automatically rejected and cannot be undone.
- 6. In the Approve Request window, enter an Approval Comment and then, click Approve.

You should receive the "Successfully approved request" message.

7.3.9 How to Reject a Certificate Revoke Request

- 1. In your account, in the sidebar menu, click **Orders > Requests**.
- 2. On the **Requests** page, in the **Status** drop-down list, select **Pending** to see only the certificates that need administrator approval.
- 3. In the **Type** drop-down list, select **Revoke** to see only the certificates that need revocation approval.

4. To the right of the certificate whose revocation you need to reject, click **View**.

The Type for the certificate should be REVOKE.

- 5. On the **Revoke Request for Order #** page, click **Reject** to reject the certificate revoke request.
- 6. In the **Rejection Comment** window, provide a **Rejection Comment** and then, click **Reject**.

Note that your rejection comment appears on the rejection email that is sent to the requestor.

7. You should receive the "Successfully rejected request" message.

The requestor is sent an email informing them that their certificate request has been rejected. Your rejection comment is included in the email.

7.3.10 How to Request a Duplicate Certificate

Your SSL Certificate comes with an unlimited server license. Having an unlimited server license means that you can use one certificate on as many different servers as you want.

The process for requesting a duplicate certificate is the same:

- Create your Certificate Signing Request (CSR).
- Fill out the request form.
- Wait for approval.

The form for requesting a duplicate for EV Multi-Domain, Unified Communications, Wildcard Plus, and Grid Host SSL UC certificates is similar. For this reason, we will provide instructions for ordering a Unified Communications Certificate and note any differences between the UC Certificate request form and the EV Multi-Domain, Wildcard plus, and Grid Host SSL UC request forms.

This instruction can be used for the following certificates:

- EV Multi-Domain
- Unified Communications
- Wildcard Plus
- Grid Host SSL UC

How to Request a Duplicate Unified Communication Certificate

To create a duplicate certificate, for each server, send us a new CSR so that we can create a new certificate for it. The details in the duplicate certificate will be exactly the same as in the original certificate, and the duplicate certificate does not/cannot revoke previous copies of your certificate.

1. On the server for which you want the certificate, create a new CSR/keypair.

Note: To remain secure, certificates must use 2048-bit keys.

To learn how to create a CSR, see Create a CSR (Certificate Signing Request).

- 2. In your account, in the sidebar menu, click **Orders > Orders**.
- 3. On the Orders page, in the Status drop-down list, select Issued.
- 4. In the **Division** drop-down list, select the appropriate Division or Subdivision.
- 5. To the right of the Unified Communications Certificate that needs to be duplicated, click **View**.
- 6. On the **Manage Order #** page, click **Get Duplicate**.
- 7. On the **Request Duplicate Certificate for Order #** page, in the **Paste your CSR** box, do one of the following:
 - Upload your CSR. Click the Click to upload a CSR link to browse for, select, and open your CSR file.
 - Paste your CSR.
 Use a text editor to open your CSR file. Then, copy the text, including the ---

 -BEGIN NEW CERTIFICATE REQUEST----- and -----END NEW CERTIFICATE

 REQUEST----- tags, and paste it in to the request form in the area provided.



- 8. (UC and EV Multi-Domain Certificates) To select a different common name, do the following:
 - i. Under Common Name section, click Show Available Domains.
 - ii. Select one of the available domains or subdomains (i.e. *example.com* or *mail.example.com*).

The common name must be from one of the available domains or a subdomain of one of the available domains.

iii. The selected domain name is entered in the **Common Name** box.

The common name is listed as the first SAN (subject alternative name) name in the certificate.

For a Wildcard Plus Certificate:

You cannot change the common name.

- 9. (Grid Host SSL UC) To select a different common name, do the following:
 - **Note:** When requesting a duplicate certificate do not change, add (if blank), or remove the Service; these actions will create a certificate reissue, which automatically revokes the original certificate or previous certificate reissues.
 - i. In the Common Name section, click Show Available Domains.
 - ii. Select one of the available domains or subdomains (i.e. *example.com* or *mail.example.com*).

The common name must be from one of the available domains or a subdomain of one of the available domains.

iii. The selected domain name is entered in the **Common Name** box.

The common name is listed as the first SAN (subject alternative name) name in the certificate.

10. (Wildcard Plus Certificate) To add additional Subject Alternate Names (SANs) to the duplicate certificate, in the Other Hostnames (SANs) box, type the SANs names that you want to add.

For example, if the common name is **.example.com*, you can add SANs such as *www.example.com* or *www.app.example.com*.

Wildcard Plus Certificates only secure the first level of subdomains. To really secure your entire domain, specify SANs as many level deep as you need.

Some mobile clients, including Windows Mobile 5, do not support wildcards, but they do support Subject Alternative Names. If you want to be Windows Mobile 5 compliant add SANs to your Wildcard Certificate.

For EV Multi-Domain, UC, and Grid Host SSL UC Certificates:

You cannot add additional SANs.

11. Next, enter the following information:

Signature Hash:	In the drop-down list, select a signature hash.
Server Platform:	Select the server on which the CSR was generated.
Reason for Duplicate:	In the box, specify the reason for the certificate duplication.

12. When you are finished, click **Request Duplicate**.

You should receive the **"Successfully created duplicate certificate request"** message, and on the **Certificate Request** page (**Orders > Requests**), your certificate should be listed with the **Status** of **Pending**.

7.3.11 How to Request an SSL Certificate Reissue

All DigiCert certificates come with unlimited free reissues. Some reasons you may reissue your certificate include:

- You lost your private key or want to re-key your certificate.
- You want to change the domain on the certificate (i.e. from *www.yourname.com* to *secure.yourname.com*).
- You want to add, remove, or change some of the SANs that are listed in your UC certificate.

The process for reissuing a certificate is the same:

- Create your Certificate Signing Request (CSR).
- Fill out the request form.
- Wait for approval.

The form for requesting a reissue for each type of SSL Certificate is similar, include Grid Host SSL certificates. For this reason, we will provide instructions for reissuing an SSL Certificate and note any differences between the different SSL Certificate request forms.

This instruction can be used for the following SSL Certificates:

- EV Multi-Domain
- EV SSL Plus
- Unified Communications
- SSL Plus
- Wildcard Plus
- Grid Host SSL UC
- Grid Host SSL

How to Reissue an SSL Certificate

1. On the server for which you want the certificate, create a new CSR/keypair.

Note: To remain secure, certificates must use 2048-bit keys.

To learn how to create a CSR, see Create a CSR (Certificate Signing Request).

- 2. In your account, in the sidebar menu, click **Orders > Orders**.
- 3. On the Orders page, in the Status drop-down list, select Issued.
- 4. In the **Division** drop-down list, select the appropriate Division or Subdivision.
- 5. To the right of the certificate that needs to be reissued, click **View**.
- 6. On the Manage Order # page, click Reissue Certificate.
- 7. On the **Reissue Certificate for Order #** page, in the **Paste your CSR** box, do one of the following:

Upload your CSR.	Click the Click to upload a CSR link to browse for, select, and open your
	CSR file.

 Paste your CSR.
 Use a text editor to open your CSR file. Then, copy the text, including the ---

 -BEGIN NEW CERTIFICATE REQUEST----- and -----END NEW CERTIFICATE

 REQUEST----- tags, and paste it in to the request form in the area provided.



8. Certificate Rekey

If you just want to rekey your certificate, you don't need to change any of the certificate details. You can <u>skip to Step 12</u>.

9. Common Name

SSL Plus, EV SSL Plus, and Wildcard Plus Certificates:

To change the common name for the reissued certificate, in the **Common Name** section, click **Show Available Domains** and select one of the available domains or subdomains (i.e. *example.com* or *mail.example.com*). For Wildcard Plus Certificates, the name format is *.domain.com (i.e. *.example.com).

- The common name must be from one of the available domains or a subdomain of one of the available domains. The selected domain name is entered in the **Common Name** box.
- Changing the common name when reissuing an SSL Plus, EV SSL Plus, or Wildcard certificate will automatically revoke the original certificate and any previous reissues.

Unified Communications and EV Multi-Domain Certificates:

To change the common name for the reissued certificate, in the **Common Name** section, click **Show Available Domains** and select one of the available domains or subdomains (i.e. *example.com* or *mail.example.com*) that is not listed as one of the hostnames on the certificate (original or reissued).

• Changing the common name when reissuing a Unified Communications or EV Multi-Domain certificate automatically revokes the original certificate and any previous reissues, unless you add the old common name as a SAN on the reissued certificate.

If you just need to select a different common name from the list of other hostnames (SANs), you should <u>request a duplicate certificate</u> instead of a reissuing the certificate.

• The common name is listed as the first SAN (subject alternative name) name in the certificate.

10. Service/Common Name

Grid Host SSL Certificate:

i. To change the service for the reissued certificate, in the **Service** box, enter the service that you want to use to connect to the grid server.

Changing the service automatically revokes the original certificate and any previous reissues.

ii. To change the common name for the reissued certificate, in the **Common Name** section, click **Show Available Domains** and select one of the available domains or subdomains (i.e. *example.com* or *mail.example.com*).

The common name must be from one of the available domains or a subdomain of one of the available domains. The selected domain name is entered in the **Common Name** box.

Changing the common name automatically revokes the original certificate and any previous reissues.

Grid Host SSL UC Certificate:

i. To change the service for the reissued certificate, in the **Service** box, enter the service that you want to use to connect to the grid server.

Changing the service automatically revokes the original certificate or previous reissues.

ii. To change the common name for the reissued certificate, in the **Common Name** section, click **Show Available Domains** and select one of the available domains or subdomains (i.e. *example.com* or *mail.example.com*).

The common name is listed as the first SAN (subject alternative name) name in the certificate.

For a certificate reissue, you can change the common name without revoking the original certificate or previous reissues.

Note: If you just need to select a different common name from the list of other hostnames (SANs), you should <u>request a duplicate certificate</u> instead of a reissue.

11. Other Hostnames (SANs)

Unified Communications, EV Multi-Domain, and Grid Host SSL UC Certificates:

i. Add SANs

In the **Other Hostnames (SANs)** box, enter the additional SANs that you want included in the reissued certificate.

Adding SANs does not revoke the original certificate or previous reissues.

ii. Remove SANs

In the **Other Hostnames (SANs)** box, delete the SANs that you want to exclude in the reissued certificate.

Removing SANs automatically revokes the original certificate or previous reissues

Wildcard Plus Certificates

If you just need to make a new copy of the certificate with a new list of SANs, you should request a duplicate certificate instead of a reissuing the certificate.

12. Next, enter the following information:

Signature Hash:	In the drop-down list, select a signature hash.
Server Platform:	Select the server on which the CSR was generated.
Reason for Reissue:	In the box, specify the reason for the certificate reissue.

13. When you are finished, click **Request Reissue**.

You should receive the "Successfully created reissue certificate request" message, and on the Certificate Request page (Orders > Requests), your certificate should be listed with the Status of Pending.

7.3.12 How to Renew an SSL Plus, EV SSL Plus, EV Multi-Domain, Unified Communications and a Wildcard Plus Certificate

The process for renewing any of the available SSL Certificates is the same:

- Create your Certificate Signing Request (CSR).
- Fill out the request form.
- Wait for approval.

The form for renewing each type of SSL Certificate is similar. For this reason, we will provide instructions for renewing an SSL Certificate and note any differences between the different types of SSL Certificate renewal forms.

This instruction can be used for the following certificates:

- EV Multi-Domain
- EV SSL Plus
- SSL Plus
- Unified Communications
- Wildcard Plus

How to Renew an SSL Certificate

1. Create your CSR.

Note: To remain secure, certificates must use 2048-bit keys.

To learn how to create a CSR, see Create a CSR (Certificate Signing Request).

- 2. In your account, in the sidebar menu, click **Orders > Orders**.
- 3. On the Orders page, in the Status drop-down list, select Issued or Expired.
- 4. In the **Division** drop-down list, select the appropriate Division or Subdivision.
- 5. To the right of the certificate that needs to be renewed, click **View**.
- 6. On the Manage Order # page, click Renew Certificate.
- 7. On the **Renew Order #** page, under **Certificate Settings**, in the **Paste your CSR** box, do one of the following:
 - Upload your CSR. Click the **Click to upload a CSR** link to browse for, select, and open your CSR file.
 - Paste your CSR. Use a text editor to open your CSR file. Then, copy the text, including the -----BEGIN NEW CERTIFICATE REQUEST----- and -----END NEW CERTIFICATE REQUEST----- tags, and paste it in to the request form in the area provided.

BEGIN NEW CERTIFICATE REQUEST
MIICvDCCAaQCAQAwdzELMAkGA1UEBhMCVVMxEjAQBgNVBAgTCV1vdXJTdGF0ZTER
MA8GA1UEBxMIWW91ckNpdHkxCzAJBgNVBAsTAk1UMRowGAYDVQQKExFZb3VyQ29t
cGFueSwgSW5jLjEYMBYGA1UEAxMPd3d3LmV4YW1wbGUuY29tMIIBIjANBgkqhkiG
9w0BAQEFAAOCAQ8AMIIBCgKCAQEA379BFFxfACdXsUk2wrQka/nA1Kbo+I9DAW32
+/SRxj/KtXVddscKW1obHGpMKPw4meJqOpQwJkIChYjSUQSpPKzdGpccDMf/eoF0
J7EaQ2szLv9AqdRQw2Aaek8SmocVmd3LxE0X4VvALB0MLHVrB5/vhYfGECLJbc31
RdEbdXyHDtHklRAoIVQCfjTwBWGNAD337vmHW7Q0R6FYUoa4fcJh7Rv6jHSywqwx
7pVfaDbZPuTgUhw7wksKNFxccG0xcTMr/+GrciHEuZ0chq86CBP9RIyLpp2+RMSf
m6rMEYm9o65j7vEYaKEJUOJtA5MIs/ZjaXfS1LjXurLU0nCOQQIDAQABoAAwDQYJ
KoZIhvcNAQEFBQADggEBAK159goyAYOpcnrQ2EvCGlizrK1kS3D8JjnAiP1NHrjB
/qdTYR+/8Dr/hMcwwU5ThGAVf68eMkk6tUNwAdpZ9C904Js2z+ENEb08GA0Fc4rw
ix7vb15vSXe3shGijRGIzzHVGRoR3r7xQtIuMaDAr3x1V8jHbcvZTcpX0Kbq6H1G
NLA4CXsOI4KGwu4FXfSzJEGb3gEJD8HaMP8V8er5G0owv/g/9Z/1/b0g97kAcUwk
M2eDsvPhMx/pENGbnLPe4XMy7NPiEdzFnaYtUy2BDcXj3ZQEWxRWk1ERgg9/YcWI
obf5ziuNm1Df24NBt5tpCNzfGviKT6/RYfWg3dMaKxc=
END NEW CERTIFICATE REQUEST

8. Common Name

Because you are renewing your certificate, the **Common Name** box should be prepopulated with the common name and the organization to which the domain is assigned populates the **Organization** field.

If you are using a different common name, under **Common Name**, click **Show Available Domains** and select one of the available domains or subdomains (i.e. *example.com* (*Organization Name*) or *mail.example.com* (*Organization Name*)).

The selected domain name is entered in the **Common Name** box, and the organization to which the domain is assigned populates the **Organization** field.

• For an EV Multi-Domain Certificate:

The common name is listed as the first SAN (subject alternative name) name in the certificate.

• For a Unified Communications Certificate:

The common name is listed as the first SAN (subject alternative name) name in the certificate.

• For a Wildcard Plus Certificate:

The common name would be **.example.com*.

- **Note:** The common name must be from one of the available domains or a subdomain of one of the available domains.
- 9. Other Hostnames (SANs)

For EV Multi-Domain, and Unified Communications Certificates

Because you are renewing your certificate, the **Other Hostnames (SANs)** box should be prepopulated with the additional hostnames.

If you want to add hostnames, in the **Other Hostnames (SANs)** box, enter additional hostnames (i.e. *example2.com, example3.net, mail.example.net*) that you want your EV Multi-Domain or Unified Communications Certificate to secure. You can also remove hostnames.

(Optional) For Wildcard Plus Certificates

Because you are renewing your certificate, the **Other Hostnames (SANs)** box should be prepopulated with SANs, if additional hostnames were used.

If you want to add SANs, in the **Other Hostnames (SANs)** box, enter additional hostnames (i.e. *example2.com, example3.net, mail.example.net*) that you want your Wildcard Certificate to secure. You can also remove SANs.

Wildcard Plus Certificates only secure the first level of subdomains. To really secure your entire domain, specify SANs as many level deep as you need.

Some mobile clients, including Windows Mobile 5, do not support wildcards, but they do support Subject Alternative Names. If you want to be Windows Mobile 5 compliant add SANs to your Wildcard Certificate.

10. Next, enter the following information:

Organization Unit: Enter the name of your department, group, etc.

Validity Period:	Select a validity period for the certificate: 1 Year, 2 Years, 3 Years , or Custom Expiration Date).
	For EV SSL Plus and EV Multi-Domain Certificates:
	The maximum validity period is 2 Years .
Signature Hash:	In the drop-down list, select a signature hash.
11. In the Order Information	n section, do the following:
Server Platform:	Select the server on which the CSR was generated.
Comments to Administrator:	Enter any information that your administrator might need for approving your request, about the purpose of the certificate, etc.
	These comments are not meant to be included in the certificate.

- 12. Under **Terms of Service**, read through the terms of service, making sure you understand the terms and then, check **I agree to the Terms of Service above**.
- 13. When you are finished, click Submit Certificate Request.

You should receive the **"Successfully created SSL certificate request"** message, and on the **Requests** page (**Orders > Requests**), your certificate should be listed with the **Status** of **Pending**.

7.3.13 How to Renew a Grid Host SSL and Grid Host SSL UC Certificate

The process for renewing Grid Host SSL and Grid Host SSL UC Certificates is the same:

- Create your Certificate Signing Request (CSR).
- Fill out the request form.
- Wait for approval.

The form for renewing the Grid Host SSL Certificate and Grid SSL UC Certificate is similar. For this reason, we will provide instructions for requesting a Grid Host SSL Certificate and note any differences between the Grid Host SSL Certificate and the Grid Host SSL UC Certificate renewal forms.

This instruction can be used for the following certificates:

- Grid Host SSL
- Grid Host SSL UC

How to Renew a Grid Host SSL Certificate

1. Create your CSR.

Note: To remain secure, certificates must use 2048-bit keys.

To learn how to create a CSR, see Create a CSR (Certificate Signing Request).

- 2. In your account, in the sidebar menu, click **Orders > Orders**.
- 3. On the Orders page, in the Status drop-down list, select Issued or Expired.
- 4. In the **Division** drop-down list, select the appropriate Division or Subdivision.
- 5. To the right of the certificate that needs to be renewed, click **View**.
- 6. On the Manage Order # page, click Renew Certificate.
- 7. On the **Renew Order #** page, under **Certificate Settings**, in the **Paste your CSR** box, do one of the following:
 - Upload your CSR. Click the **Click to upload a CSR** link to browse for, select, and open your CSR file.
 - Paste your CSR.
 Use a text editor to open your CSR file. Then, copy the text, including the ---

 -BEGIN NEW CERTIFICATE REQUEST----- and -----END NEW CERTIFICATE

 REQUEST----- tags, and paste it in to the request form in the area provided.



8. Service / Common Name

Because you are renewing your certificate, the **Service / Common Name** box should be prepopulated with the service and common name and the organization to which the domain is assigned populates the **Organization** field.

If you are using a different service and/or common name, under **Service / Common Name** section do the following:

- i. In the **Service** box, enter the service that you want to use to connect to the grid server.
- Under Common Name, click Show Available Domains and select one of the available domains or subdomains (i.e. example.com (Organization Name) or mail.example.com (Organization Name)).

The selected domain name is entered in the **Common Name** box, and the organization to which the domain is assigned populates the **Organization** field.

Note that the common name must be from one of the available domains or a subdomain of one of the available domains.

For a Grid Host SSL UC Certificate:

The common name is listed as the first SAN (subject alternative name) name in the certificate.

9. Other Hostnames (SANs)

For a Grid Host SSL UC Certificate

Because you are renewing your certificate, the **Other Hostnames (SANs)** box should be prepopulated with the additional hostnames.

If you want to add hostnames, in the **Other Hostnames (SANs)** box, enter additional hostnames (i.e. *www.example2.com, www.example3.net, mail.example.net*) that you want your Grid Host SSL UC Certificate to secure. You can also remove hostnames.

10. Next, enter the following information:

Validity Period:	Select a validity period for the certificate: 1 Year or Custom Expiration Date).
Signature Hash:	In the drop-down list, select a signature hash.
11. Under Order Information	n, do the following:
Server Platform:	Select the server on which the CSR was generated.
Comments to Administrator:	Enter any information that your administrator might need for approving your request, about the purpose of the certificate, etc.

12. Under **Terms of Service**, read through the terms of service, making sure you understand the terms and then, check **I agree to the Terms of Service above**.

13. When you are finished, click Submit Certificate Request.

You should receive the "Successfully created SSL certificate request" message.

On the **Requests** page (**Orders > Requests**), your certificate should be listed with the **Status** of **Pending**.

7.3.14 How to Reissue a Code Signing Certificate

Reissuing your Code Signing Certificate does not automatically revoke the original certificate or any previous reissues. However, all new applications should be signed with your reissued Code Signing Certificate.

If you revoke a Code Signing Certificate, applications that were signed with the revoked certificate remain valid as long as they were time stamped when they were signed.

The process for reissuing a Code Signing Certificate is as follows:

- For Sun Java Platform Only: Create your Certificate Signing Request (CSR). Sun Java is the only platform for which you are required to submit a CSR.
- Fill out the request form.
- Wait for approval.
- 1. For Sun Java Platform Only: Create your CSR.

Note: To remain secure, certificates must use 2048-bit keys.

To learn how to create a CSR, see Create a CSR (Certificate Signing Request).

- 2. In your account, in the banner menu, click **Orders > Orders**.
- 3. On the Orders page, in the Status drop-down list, select Issued.
- 4. In the **Division** drop-down list, select the appropriate Division or Subdivision.
- 5. To the right of the Code Signing Certificate that needs to be reissued, click View.
- 6. On the Manage Order # page, click Reissue Certificate.
- 7. On the **Reissue Certificate for Order #** page, do the following:

Signature Hash:	In the drop-down list, select a signature hash.
Server Platform:	In the list of server platforms, select the platform for which your
	Code Signing Certificate is to be used.

Reason for Reissue: In the box, specify the reason for the certificate reissue.

- 8. (Sun Java Platform only) In the Paste your CSR box, do one of the following:
 - Upload your CSR. Click the **Click to upload a CSR** link to browse for, select, and open your CSR file.
 - Paste your CSR.
 Use a text editor to open your CSR file. Then, copy the text, including the ---

 -BEGIN NEW CERTIFICATE REQUEST----- and -----END NEW CERTIFICATE

 REQUEST----- tags, and paste it in to the request form in the area provided.

BEGIN NEW CERTIFICATE REQUEST
MIICvDCCAaQCAQAwdzELMAkGA1UEBhMCVVMxEjAQBgNVBAgTCV1vdXJTdGF0ZTER
MA8GA1UEBxMIWW91ckNpdHkxCzAJBgNVBAsTAk1UMRowGAYDVQQKExFZb3VyQ29t
cGFueSwgSW5jLjEYMBYGA1UEAxMPd3d3LmV4YW1wbGUuY29tMIIBIjANBgkqhkiG
9w0BAQEFAAOCAQ8AMIIBCgKCAQEA379BFFxfACdXsUk2wrQka/nAlKbo+I9DAW32
+/SRxj/KtXVddscKW1obHGpMKPw4meJqOpQwJkIChYjSUQSpPKzdGpccDMf/eoF0
J7EaQ2szLv9AqdRQw2Aaek8SmocVmd3LxE0X4VvALB0MLHVrB5/vhYfGECLJbc31
RdEbdXyHDtHklRAoIVQCfjTwBWGNAD337vmHW7Q0R6FYUoa4fcJh7Rv6jHSywqwx
7pVfaDbZPuTgUhw7wksKNFxccG0xcTMr/+GrciHEuZ0chq86CBP9RIyLpp2+RMSf
m6rMEYm9o65j7vEYaKEJU0JtA5MIs/ZjaXfS1LjXurLU0nC0QQIDAQABoAAwDQYJ
KoZIhvcNAQEFBQADggEBAK159goyAYOpenrQ2EvCGlizrK1kS3D8JjnAiP1NHrjB
/qdTYR+/8Dr/hMcwwU5ThGAVf68eMkk6tUNwAdpZ9C904Js2z+ENEbO8GA0Fc4rw
ix7vb15vSXe3shGijRGIzzHVGRoR3r7xQtIuMaDAr3x1V8jHbcvZTcpX0Kbq6H1G
NLA4CXsOI4KGwu4FXfSzJEGb3gEJD8HaMP8V8er5G0owv/g/9Z/1/b0g97kAcUwk
M2eDsvPhMx/pENGbnLPe4XMy7NPiEdzFnaYtUy2BDcXj3ZQEWxRWk1ERgg9/YcWI
obf5ziuNm1Df24NBt5tpCNzfGviKT6/RYfWg3dMaKxc=
END NEW CERTIFICATE REQUEST

9. When you are finished, click **Request Reissue**.

You should receive the "Successfully created reissue certificate request" message.

On the **Requests** page (**Orders > Requests**), your certificate should be listed with the **Status** of **Pending**.