

# How to Request User Certificate

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# KISTI Grid Certificate Authority

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## Introduction

Welcome to KISTI Grid Certificate Authority web site.

KISTI Grid Certificate Authority is operated by the Grid Technology Research Team of KISTI (Korea Institute of Science and Technology Information).

The authority satisfies requirements from APGrid PMA.

Certificate issues by the KISTI Grid CA are compatible with the Globus Toolkit middleware.

The public key cryptography is the basis of grid security architecture.

Certificate Authority(CA) is a mandatory component of public key infrastructure(PKI).

Please read "[Overview of the Grid Security Infrastructure](#)" from Globus site.

Best viewed with [Firefox browser](#).

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Fill out the subscription form.

2. Interview with a RA with the application form. ([RA contact information](#))

Provide the following information when interview with a RA:

- o the application form
- o proof of identity (work ID card, passport, national ID card, etc.)

3. Keep the PIN number of the application form securely.

The RA should fill the PIN number field in the form.

Fax the form to the number specified in the form.

4. Please send an notification e-mail to [ca@gridcenter.or.kr](mailto:ca@gridcenter.or.kr) after sending a FAX.

5. KISTI Grid CA staff will respond immediately when we receive your request form.

6. KISTI Grid CA will send an Web Access Client Certificate(WACC) to your e-mail, if everything is okay.

Install this certificate in your web browser to access to the on-line certificate request service web site.

Your PIN number is the password for your WACC.

Follow [this insturction](#) to install the web access certificate(WACC) in your browser.

### Step 2. Request a Grid Certificate from KISTI GRID CA

- If you are applying for a **user certificate**,

Click [User Certificate Request](#)

- If you are applying for a **host/service certificate**,

Click [Host/Service Certificate Request](#)

Best viewed with [Firefox browser](#).

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### Instruction for requesting an User Certificate

By requesting a certificate, you indicate that you accept the [Certificate Policy and Certificate Practice Statement](#) and that you agree to the [Subscriber Obligation](#) specified in the document.

#### Step 1. Enroll KISTI CA

Before requesting user certificate from KISTI GRID CA, you are required to enroll KISTI GRID CA.

#### Step 2. On-line Certificate Request

[Click here to request user certificate in the Online Request Service.](#)

If you don't have a WACC in your browser, the access to the web page is not permitted.

#### Step 3. Download and Import Certificate


Once your certificate is issued, we'll publish it on the website and send out a confirmation to inform your certificate is ready. You can simply download your certificate via the link provided in the e-mail and import it into your browser.

#### Step 4. Export the Certificate

Refer to the following ppt files to know how to export certificate from the web browser.  
User certificate export: [user\\_cert\\_export.ppt \(Korean\)](#), [user\\_cert\\_export.ppt \(English\)](#)

디지털 인증서 선택

확인

 보려는 웹 사이트에서 확인을 요청합니다. 인증서를 선택하십시오.

이름	발급자
sangwan@kisti.r...	pki.gridcenter.or.kr

추가 정보(M)...    인증서 보기(V)...

확인    취소

# KISTI Grid Certificate Authority

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- My CSR List
- KISTI CA Home

## Welcome to KISTI Grid CA Online Request Service

If you can see this web page, you have successfully logged on KISTI Grid CA online request service.

Your web access client certificate(WACC) information is as follow:

- Subject: /CN=sangwan@kisti.re.kr
- Valid From: Jul 21 06:42:07 2007 GMT
- Valid Until: Jul 5 06:42:07 2010 GMT
- Issuer: /CN=pki.gridcenter.or.kr

You can do the following at this site:

- user certificate request
- host/service certificate request
- revocation request

# KISTI Grid Certificate Authority

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- KISTI CA Home

## Request Certificate

- If you are applying for a **user certificate** please [Click here](#)
- If you are applying for a **host/service certificate** please [Click here](#)

# KISTI Grid Certificate Authority

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- KISTI CA Home

## Request User Certificate

**Step 1.** Fill the following form, and click the 'Generate CSR' button. Visual Basic Script will create a CSR, which will be shown in the CSR text area of the step 2.

Country:	KR
Organization:	KISTI
Organization:	GRID
Organization:	KISTI
Common Name:	80864141 Sangwan Kim (read only) (max. 40 characters)
<input type="button" value="Generate CSR"/>	

**Step 2.** Click the 'Upload CSR' button to upload your CSR to the Online Request Service (ORS) web server.

CSR:	<div style="border: 1px solid gray; height: 150px;"></div>
------	--



### 잠재적인 스크립팅 위반



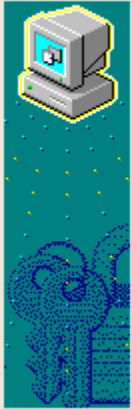
이 웹 사이트에서 사용자를 대신하여 새 인증서를 요청하고 있습니다. 신뢰할 수 있는 웹 사이트에서 요청하는 인증서만을 허용해야 합니다. 지금 인증서를 요청하시겠습니까?

OK

예(Y)

아니오(N)

### 새 RSA 교환 키를 만드는 중



응용 프로그램에서 보호 항목을 만듭니다.

CryptoAPI 개인 키

보안 수준을 보통으로 설정

OK

보안 수준 설정(S)...

확인

취소

자세히(D)...

### VBScript

CSR has been generated

OK

확인

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Organization:	KISTI
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Organization:	KISTI
Common Name:	80864141 Sangwan Kim (read only) (max. 40 characters)
<input type="button" value="Generate CSR"/>	

**Step 2.** Click the 'Upload CSR' button to upload your CSR to the Online Request Service (ORS) web server.

CSR:	<pre>MIIEQTCCAykCAQAwWzELMAkGA1UEBhMCS1IxZDjAMBGNVBAoTB UtJU1RJMq0wCwYD VQQKEwRHUKlEMQ4wDAYDVQQKEwVLSVNUSTEdMBsGA1UEAxM UODA4NjQxNDEgU2Fu Z3dhbiBLaW0wggiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKA oIBAQDOLcpm5ATJ n3HvXgVNtcz36iD2iRneWhbgLdIkich9A2BJZrxECbTrNnMxWM+Dt /KfnQuCIQ64 QfUwuoKiOSMWqqnW/MjIFKpVF8CiXn4pk6DtJmodiEYmsws3JHd Qqy7RDyw6QsEx</pre>
<input type="button" value="Upload CSR"/>	

After finishing CSR upload process,  
for notification, please send an email to [kisti-grid-ca@kisti.re.kr](mailto:kisti-grid-ca@kisti.re.kr)  
containing the following message.

To KISTI CA manager ,

I have uploaded my user certificate request,  
please sign the CSR.

FROM: Your Name