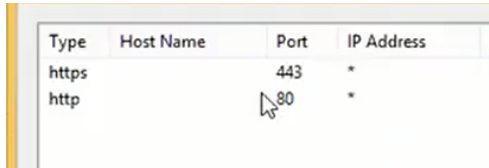# SSL (Secure Sockets Layer)

- Web deployment methods, how the ASP project deploy in higher server
- By two method: file system & web deployment
- It is security protocol that creates encrypted link btw web server & web browser.
- Companies and organizations need to add SSL certificates to their websites to secure online transactions and keep customer information private and secure.
- Apply SSL & convert it into https.

| Type | Host Name | Port | IP Address |
|------|-----------|------|------------|
| https | | 443 | * |
| http | | 80 | * |

Can't aloy port 80/443 to another, gives error.

- SSL generate by 3 approaches: create certificate req



-

create local & third party
domain behave much
similar

Create local



Lecture - SSL Certificate 01.mp4

Internet Information Services (IIS) Manager

File   View   Help

**Connections**

JIBRAN (JIBRAN\Jibran)
  Application Pools
  Sites
    Default Web Site
    testapp

testapp Home

Filter:                Go   Show All   Group by: Area

**ASP.NET**

.NET Authorizat...   .NET Compilation   .NET Error Pages   .NET Glob...   .NET Profile   .NET Roles   .NET Trust   .NET Users   Application   Connection   Machine Key   Pages and   Providers   Session State

SMTP E-mail

**IIS**

Authentic...   Authorizat... Rules   Compression   D... Do...   MIME Types   Modules

Output Caching   Request Filtering   SSL Settings   URL

**Management**

Configurat... Editor   Web Platfor...

**Site Bindings**

**Add Site Binding**                          ?   ×

Type:          IP address:              Port:
http ▼        All Unassigned ▼        80
http
https
ftp

Example: www.contoso.com or marketing.contoso.com

OK        Cancel

**Actions**

Explore
Edit Permissions...
**Edit Site**
Bindings...
Basic Settings...
View Applications
View Virtual Directories
**Manage Website**
Restart
Start
Stop
**Browse Website**
Browse *:81 (http)
Advanced Settings...
**Configure**
Limits...
Add FTP Publishing...
Install Application From Gallery
Help

Features View   Content View

Ready

9:40 / 12:50

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Google   Home Page - My ASP.NET Applic...   Home Page - My ASP.NET App...   Home Page - My ASP.NET App...   ⚠ Warning: Potential Security Risk...   +

Not Secure   https://localhost:444

⚠ **Warning: Potential Security Risk Ahead**

Firefox detected a potential security threat and did not continue to localhost. If you visit this site, attackers could try to steal information like your passwords, emails, or credit card details.

Learn more...

Go Back (Recommended)        Advanced...

11:27 / 12:50