

Assigning SSL Certificates



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Module Overview



Review SSL Certificate options

**Upload certificate from external
certificate authority**

**Re-enable App Service authentication of
web app**

Purchase App Service Certificate



Using SSL Certificates with Custom Domains





Basic pricing tier or higher

Upload your own certificate

- Signed by trusted certificate authority
- Password protected pfx file
- Private key length of at least 2048 bits
- Must contain all intermediate certificates





App Service Certificate

- Create and manage certificates within Azure
- Store certificate in Azure Key Vault
- Uses GoDaddy issued certificates



SSL Certificate Binding

IP-based SSL

Traditional approach

One certificate per IP address/Port combination

App Service assigns your site a new dedicated IP address

SNI-based SSL

Multiple certificates can secure the same IP address / port combination

Server Name Indication

Client must tell server hostname it's trying to access

Multiple websites can be hosted on same IP without using same certificate



Types of SSL Certificates

yourdomain.com



SSL Certificate

Subject Name = domain name

Subject Alternative Name (SAN)

*.yourdomain.com



Wildcard Certificate

Matches all subdomains of root domain

More expensive up front



Module Summary



Overview of SSL Certificate options

Uploaded a certificate

Re-enabled AAD Authentication

Purchased an App Service Certificate

