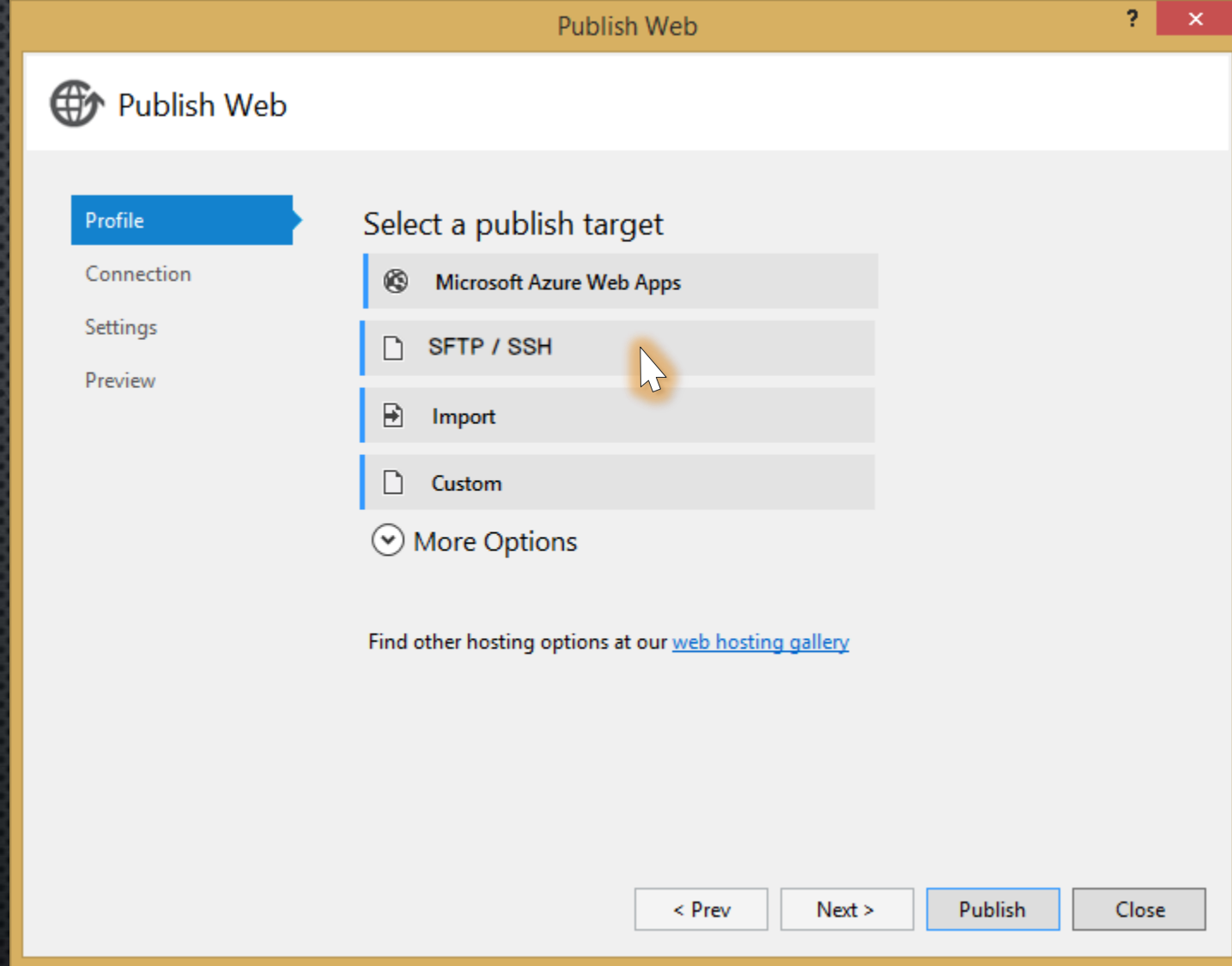



Publishing to linux from VS



Add a new SFTP/SSH option

Publish Web

 Publish Web

Profile

Connection

Settings

Preview

dev01 *

Publish method: SFTP / SSH

Host name:

Port:

Dest path:

Auth type: username / password

User name:

Password:

☐ Save password

Destination URL: e.g. http://www.contoso.com

Validate Connection

< Prev Next > Publish Close

SFTP has two different auth choices



Publish Web

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dev01 *

Publish method: SFTP / SSH

Host name:

Port:

Dest path:

Auth type:

SSH key

Key file::

Destination URL: *e.g. http://www.contoso.com*

Validate Connection


< Prev

Next >

Publish

Close

Publish Web

 Publish Web

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sayeddemo06

Configuration: Release

Target DNX Version: Default (dnx-clr-win-x86.1.0.0-beta4)

File Publish Options

ssh before publish (executed on remote machine)

ssh after publish (executed on remote machine)

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Publish

Close

Users can execute custom ssh scripts before/after publish

Note: an alternative here is to allow the user to select a sh file to execute before/after.



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sayeddemo06

Configuration:

Release

Target DNX Version:

Default (dnx-clr-win-x86.1.0.0-beta4)

⌵ File Publish Options

ssh before publish (executed on remote machine)**ssh after publish** (executed on remote machine)

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Publish

Close

ssh before publish (executed on remote machine)





Publish Web

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Preview


sayeddemo06

Configuration:

Release

Target DNX Version:

Default (dnx-clr-win-x86.1.0.0-beta4)

 File Publish Options**ssh before publish** (executed on remote machine)

```
sudo systemctl stop myapp
```

**ssh after publish** (executed on remote machine)

```
npm install  
grunt deploy  
sudo systemctl start myapp
```



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Next >

Publish

Close


```

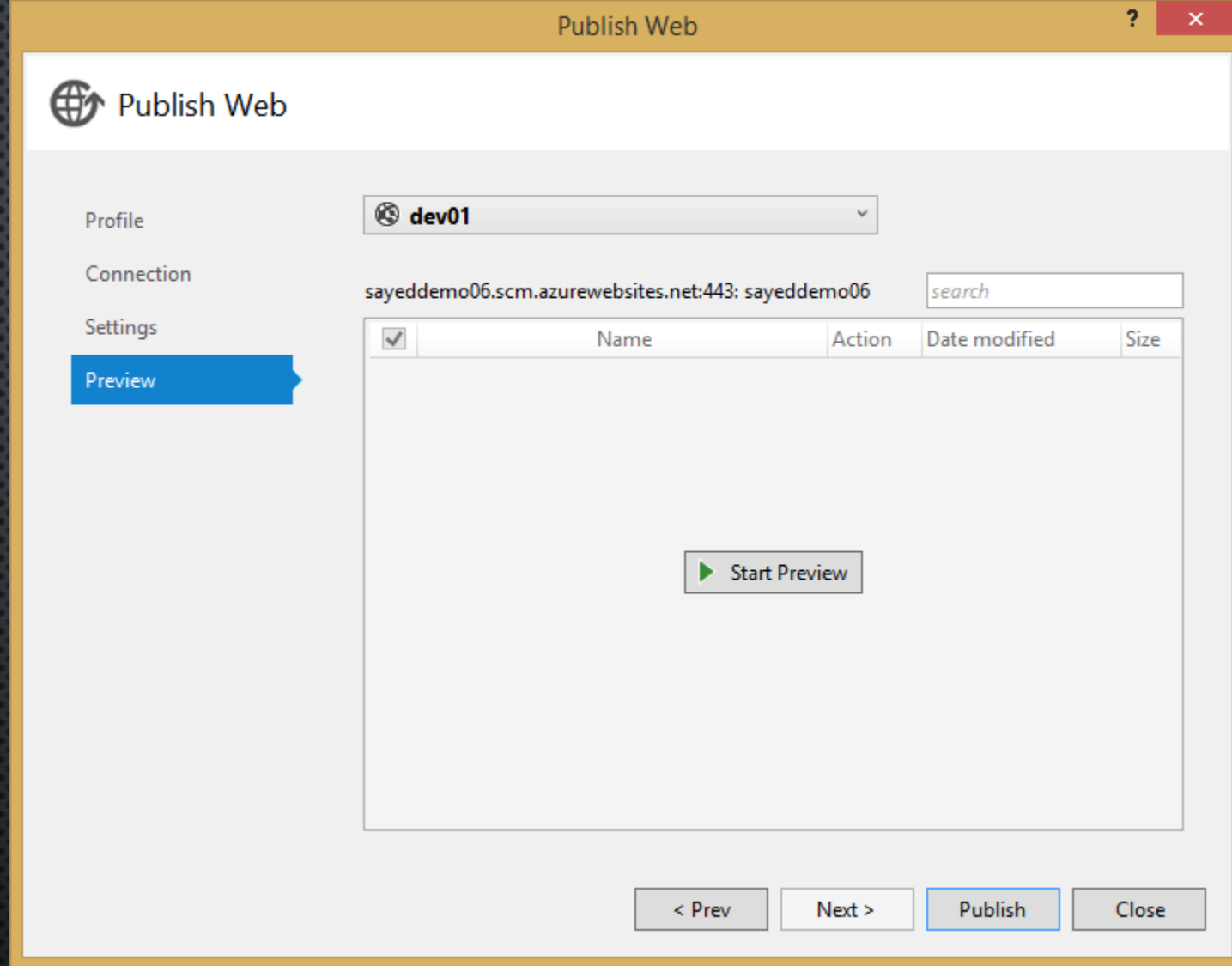
try{
    if (!(Enable-PublishModule)){
        Enable-PackageDownloader
        Enable-NuGetModule -name 'publish-module' -version $publishModuleVersion -nugetUrl $nugetUrl
    }

    # call users script before publish
    Invoke-Ssh -publishProperties $publishProperties -script '@'
        sudo systemctl stop myapp
    '@
    Publish-AspNet -publishProperties $publishProperties -packOutput $packOutput

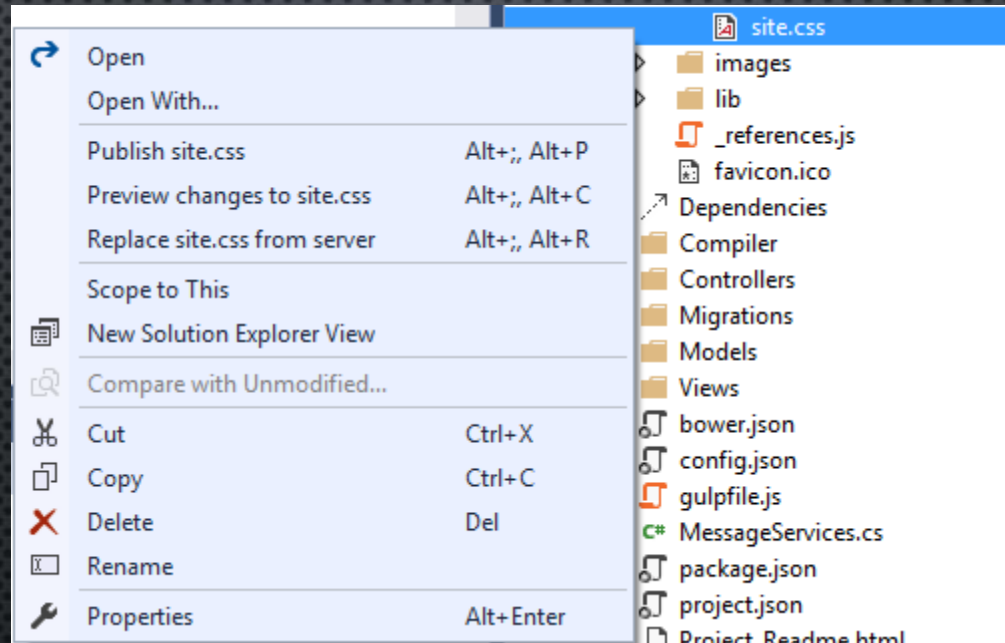
    Invoke-Ssh -publishProperties $publishProperties -script '@'
        npm install
        grunt deploy
        sudo systemctl start myapp
    '@
}
catch{
    "An error occurred during publish.`n{0}" -f $_.Exception.Message | Write-Error
}

```

Shows how the user script is invoked/represented in the .ps1 file



TBD: How to achieve incremental publish using sftp/ftp



Add support for Quick Publish to sftp/ftp

Notable info

- Ship OpenSSH
- Add 1st class support for SFTP including the following
 - Incremental publish
 - Command line publish support
 - Publish preview tab
 - Quick publish
- *Note: if possible we should give ftp the same level of support*

Open items

- Is there any concerns about shipping a crypto technology? Will discuss with Chris soon.
- How can we implement incremental publish on top of sftp/ftp?
- Should the before/after scripts be embedded into the .ps1 file or separate files? Using files may complicate things as publishing with publishing in VS versus command line.