

Application Server Setup

(Win 2008R2 - Old Docs Ref on Last Page)

System Updates:

1. Login to the new server as Administrator
2. Change System timezone from UTC to an US Zone
3. Run Windows Update & Restart
4. Install & Login Dropbox to sync ETA Folder
5. Install Google Chrome or ETA\Powershell\ChromeSetup
6. Install & Restart WMF 4.0 from [Site](#) or ETA\Powershell\System-Pkgs\WMF4.0
- ~~7. Install .NET 4.5.2 from [Site](#) or ETA\Powershell\System-Pkgs\Net-4.5.2~~
8. Install & Restart WMF 5.0 from [Site](#) or ETA\Powershell\System-Pkgs\WMF5.0
9. Install/Add IIS Role in order to install [IIS on Server](#) (AWS)
 - a. Server Manager -> Roles -> Add Roles (Choose Desired Role Services)
10. Install [Chocolatey](#) with PowerShell ISE
Set-ExecutionPolicy RemoteSigned or Set-ExecutionPolicy Unrestricted
iwr https://chocolatey.org/install.ps1 -UseBasicParsing | iex
11. Install [Get-Cabon PowerShell Module](#)
PS> choco install Carbon -y
PS> Import-Module 'Carbon' (for testing)

System Configuration:

1. Login to the new server as Administrator
2. Open PowerShell ISE and set ETA-SERVER-NAME variable
Import-Module 'Carbon' ;
Set-EnvironmentVariable -Name 'ETA-SERVER-NAME' -Value 'XXXX' -ForProcess
Reference: [ETA Cloud Server](#) spreadsheet for the next server name to use.
3. Open & Run Dropbox\ETA\Powershell\Common\windows-system-config.ps1
4. Setup a 10.30.120.X IP Address for the Internal Ethernet Adapter
Reference: [ETA Cloud Server](#) spreadsheet to pick the IP Address

Enable AutoLogin for Spot:

1. Run User Accounts control panel by typing ***control userpasswords2*** in cmd prompt
2. On the Users tab, uncheck the box "*Users must enter a username...*" and click OK
3. Add the username and password to autologon with (spot account)

Windows Firewall Rules:

1. Being set on Windows System Config script, port 3000 TCP

Generic Applications Setup:

1. Login to the new server as the “spot” user & Disable AUC (**Reboot**)
2. Login Dropbox and sync ETA Folder
3. Manually install TCL (Run as Administrator):
Dropbox\ETA\Installs\ActiveTcl8.4.20.0.297203-win32-ix86-threaded.exe
4. Open an Administrative PowerShell ISE IDE (RunAs Administrator)
5. Open & Run Dropbox\ETA\Powershell\AppServer\generic-apps-install.ps1

Installs:

- 7zip
 - Vim-Tux (includes Gvim)
 - TortoiseSVN 1.9.1 (***Needs to check on cli tools***)
 - WinMerge 2.14.0
 - node-v0.10.22-x86 (From ETA)
 - PHPManagerForIIS-1.1.0-x64.msi (From ETA)
6. Open & Run ETA\Powershell\AppServer\mongodb-setup.ps1
 7. Under PHP Manager in IIS:
 - a. Click Register new PHP version
 - b. Select the version under C:\PHP
 - c. Set the php.ini date.timezone to the proper time zone for the server

ETA System Setup:

1. Install NewDay:
 - a. *Dropbox\ETA\Installs\NewDay\Install.exe* under ***“C:\Program Files (x86)\EPS\NewDay”***
 - b. Right Click ***C:\Program Files (x86)\EPS\NewDay\NewDay.exe*** binary and select Properties. Under the Compatibility tab, check *“Run this program as an administrator”*.
2. Open an Administrative PowerShell ISE IDE (RunAs Administrator)
3. Set the following Environmental Variable on PS console:
 - a. Import-Module 'Carbon'
Set-EnvironmentVariable -Name 'APP_SERVER_NAME' -Value 'ETA-APP-AWS##' -ForProcess
Set-EnvironmentVariable -Name 'APP_SERVER_IP' -Value '10.30.120.X' -ForProcess
Set-EnvironmentVariable -Name 'DB_SERVER_NAME' -Value 'ETA-DB-AWS##' -ForProcess
Set-EnvironmentVariable -Name 'DB_SERVER_IP' -Value '10.30.120.X' -ForProcess
4. Open & Run *Dropbox\ETA\Powershell\Common\eta-newday-setup.ps1*
5. Open & Run *Dropbox\ETA\Powershell\AppServer\eta-system-setup.ps1*
6. SpotConsoleSvc Setup:
 - a. Open & Run *Dropbox\ETA\Powershell\AppServer\nssm_SpotConsoleSvc_setup.ps1*
7. SpotApi Setup:
 - a. Open & Run *Dropbox\ETA\Powershell\AppServer\nssm_SpotApi_setup.ps1*

NOTE: For the Spot Console you may need to modify the port in web.config under *c:\etawww\spot_node*. The default value should be fine, just make sure it matches the node app port (7777).

Setup IIS 7.5:

2. From Dropbox\ETA\Spot Console Upgrade
 - a. Install the Application Request Routing plugin (ARRv3_0.exe)
 - b. Only install what it tells you are required
 - c. Restart IIS Manager (may need to restart iis itself)
3. Go to IIS Manager, click on the top level server (Under Start Page)
 - a. In the right pane, double click the Application Request Route Cache
 - b. Click the "Server Proxy Settings..." in the rightmost pane
 - c. Check Enable proxy & Click apply
4. Install the URL Rewrite module "Dropbox\ETA\Spot Console Upgrade\urlrewrite2.exe"
5. Add the new sites:
 - a. Spot Console - c:\etawww\spot_node (spot-console.etaspot.com:80)
 - b. Spot Public - c:\etawww\public_base (spot-public.etaspot.net:80)
 - c. Spot Mobile - c:\etawww\mobile_base (spot-mobile.etaspot.net:80)
6. Open & Run Dropbox\ETA\Powershell\AppServer\eta-hostfile-setup.ps1
7. Create the Bindings for each new site. You will need make sure the DNS is setup for the URLs in GoDaddy.
8. Go Server Manager -> Roles -> Web Server (IIS) -> Add Role Services.
Verify CGI is installed & enabled or install & enable CGI
9. Public and mobile sites should be working at this point

ETA Customer setup:

1. From cmd execute: ***C:\ProgramFiles (x86)\nodejs\node C:\ETA\CustomerSetup\qs.js***
After execution you can find the **google drive url** for spreadsheet access (Customer SPOT Configuration). Run it in chrome browsers and it will give a token code. Copy & Paste the token key in the cmd that you are asked for.
2. Open an Administrative PowerShell ISE IDE (RunAs Administrator)
3. Open & Run Dropbox\ETA\Powershell\AppServer\eta-customer-setup.ps1

Scripted DB Setup Doc:

https://docs.google.com/a/etaphisystems.com/document/d/1tr533eYKs6d2CtsExnKeD05SEi4UDoxiZKRNAU-z_II/edit?usp=sharing

Original DB Setup Doc:

https://docs.google.com/document/d/1lf2YXw1m8Bn0YOHO1_0yhfWCZT_nikwuhYSwg1bKP7I

Original Application Setup Doc:

<https://docs.google.com/a/etaphisystems.com/document/d/13A2EwQHIpWjVX0y0jgG2X59FBz0Mmzbhgqf2o7l2La>