**Barista v2015-07-28**

**Deployment Outline**

1. **Services Framework Deployment**
   1. **Before You Deploy:**
      1. Ensure that all other users are logged off of all farm servers
      2. Ensure that all PowerShell and SharePoint Management Shell windows are closed on all servers
      3. Ensure that the files in this zip have been unzipped on a folder
   2. **Barista Deployment Steps**
      1. Using “Run as Administrator”, open a new **PowerShell** (not SharePoint Shell) window.
      2. Navigate to the directory where this file was unzipped
      3. Edit the Solutions-dev.xml in this folder and replace any urls with urls of the local environment
      4. Execute the following command:

.\Deploy.ps1 -Config Solutions-[config].xml -ManagedAccount [SPAppPool Acct] -SPApplicationPoolName “Barista Application Pool” -Uri [Localhost]

* 1. **Verify Barista Deployment**
     1. **Verify that the Service Application has been installed:**
        1. Open Central Admin.
        2. Under “Application Management” Click “Manage Service Applications”
        3. Verify that a Service Application named “Barista Service Application” appears in the list.
     2. **Verify that the Barista Service has been started on a server in the farm:**
        1. Open Central Admin.
        2. Under “System Settings” click “Manage Services on Server”
        3. Under the server dropdown, select an application server.
        4. Verify that the service named “Barista Service” has been started.
        5. If it has not been started, press start and perform an IIS reset.

* + 1. **Verify that the Barista Search Service has been started on a server in the farm:**
       1. Open Central Admin.
       2. Under “System Settings” click “Manage Services on Server”
       3. Under the server dropdown, select an application server.
       4. Verify that the service named “Barista Search Service” has been started.
       5. If it has not been started, press start.
    2. **Verify that the Barista Service Application is functioning nominally:**
       1. From the deployment location, execute the following powershell script:
       2. .\TestBaristaServiceApplication.ps1 –Uri [Your URI]
       3. Verify that the result is 42.

1. Add local host to trusted locations
   1. Open Central Admin.
   2. Under “Application Management” Click “Manage Service Applications”
   3. Click “Barista Service Application”
   4. Using the buttons, add the URL of the local host, optionally trusting children
2. Use Barista Fiddle
   1. Navigate to <http://[localhost]/_layouts/baristafiddle/>
   2. Start working with Barista!

**Uninstall:**

Execute the following command:

.\Uninstall.ps1 -SPApplicationPoolName “Barista Application Pool”

**Addendum:**

For isolation, you may opt to create a new user account that will run the Barista Service Application. When doing so, please perform the following steps:

1) Within Active Directory Users and Computers, create the new domain user account.

2) Within SharePoint, create a Managed Account corresponding to the domain user account.

2a) When Utilizing the Barista Search Service, the User must have the “Run As Service” local policy on the machine where the Barista Search Service will run. If the “Run as Service” policy is not applied prior to deployment, Barista Search will not be available.

3) Deploy Barista using deploy.ps1, as indicated above in the deployment steps, specifying the domain user account as the managed account.

4) For each Web Application that Barista should have access to, run the following SharePoint PowerShell command:

$webApp = Get-SPWebApplication {{Web Application Url}}

$webApp.GrantAccessToProcessIdentity("{{Your Managed Account}}", [Microsoft.SharePoint.Administration.SPPolicyRoleType]::FullRead)​

5) Additionally, grant the Barista Service Application shell access by running the following SharePoint PowerShell command:

Add-SPShellAdmin {{Your Managed Account}}

**Perform an iisreset at this point**