**United States Department of Agriculture**

Food and Nutrition Service



**FNS Office of Information Technology**

**Portfolio Management Division (PMD)**

**FNS Installation Document Template**

**for**

**[Project or System Name]**

**Version 1.1**

September 09, 2013

**Revision History**

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| 1.0 | 03-18-2013 | IT Governance Branch (ITGB) | Created the document. |
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| 1.2 |  |  |  |
| 1.3 |  |  |  |

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Glossary

| **Acronym** | **Description** |
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# Introduction

The FNS Partnership Database consists of one site collection with a main content site, and a search sub site. The site collection can be installed on an existing web application with other site collections or a dedicated web application.

The FNS Partnership Database installation contains the following files:

1. **Installation Document**: This document
2. **EnhancedSTC.wsp**: Enhanced SPTrimmedPermission solution file that allows trimming by SharePoint Security Groups. This component will be usable by all applications in the future.
3. **FNSPartners.wsp**: FNS Partners solution file that creates .NET Server Controls for application.
4. **FNSPartnership\_03032011.bak**: A SharePoint site collection backup file that contains all FNS Partnership Database site contents.

# Create FNS Partnership Database Site Collection

1. Select Application Management tab, then Create Site Collection
2. Under Web Application make sure the default is selected (<http://fncs/>)
   1. Type “FNS Partnership Database” for Title
   2. Leave description blank.
   3. Under the Web Site Address make sure the Managed Path is “/apps” and add URL path “fnspartnership.”
   4. Under the Template Selection select the Publishing tab and then “Collaboration Portal”
   5. Under the Primary Site Collection Administrator type “AAustin” then verify by clicking “Check Names Icon”
   6. Under the Secondary Site Collection Administrator type “JKoss” then verify by clicking “Check Names Icon”
   7. Set Quota Template as “No Quota”
   8. Select “OK”
   9. The screen Operations in Progress will appear then disappear when task is completed
   10. The Top-Level Site Successfully Created page will come up when task is completed (select the new Site URL to test)
3. Select Application Management tab then Content Databases
4. Select each Database and in the Database Status field select “Ready” and “OK.”

# FNS Partnership Solution Installation

1. On the XXXXXXX Application Server, run “Install.bat” to install both FNS Partnership DB solutions to MOSS.
2. Use SharePoint Central Admin tool to deploy the solutions. There is no specific order in which these solutions should be deployed.
   1. Go to SharePoint Central Admin on APP Server and select Operations >Solution Management
   2. Deploy Globally:
      1. **FNSPartners.wsp**
   3. Deploy to FNCS web application:
      1. **EnhancedSTC.wsp**
3. After deploying the solutions, verify that the DLLs were added to the targeting system’s global assembly cache (GAC):
4. Go to C:\WINDOWS\assembly directory
5. Verify the following DLLs are deployed:
   * 1. **FNSPartners.dll**
     2. **EnhancedSTC.dll**

# FNS Partnership Site Collection Restore

The initial installation requires restoring the default FNS Partnership Site Collection provided by developer. The following procedures cover restoring the FNS Partnership Site Collection.

1. Copy the FNSPartnership\_03032011.bak to C:\
2. Open a command prompt and run the following commands:

iisreset  
  
cd c:\

stsadm -o restore -url http://fncs/apps/fnspartnership -filename C:\fnspartnership\_03272011.bak -overwrite

1. Command prompt should state "Operation completed successfully"
2. Run following command and make sure site lock states “None”  
     
   stsadm -o getsitelock -url http://fncs/apps/fnspartnership
3. Central Admin select Application Management > Content Databases
4. Verify that FNSSmallApps\_DB now has a site connected to it
5. Update Site Collection Administrators for fnspartnership to AAustin Primary and JKoss Secondary.
6. Select "OK"
7. Go to http://fncs/apps/fnspartnership and verify that site comes up properly.

# Configure FNS Partnership Search and Managed Paths

1. Logon to XXXXXXX Application Server as XXXXXXX
2. Open Central Admin and select “fncssharedservices” in left navigation
3. Under Search select “Search Settings”
4. Select “Scopes > New Scope”
5. Provide "Title" called "FNSPartners"
6. Add "Description" called "Search for FNS Partnership Database only.”
7. Select "Use the default Search Results Page"
8. Select "OK"
9. Select "FNSPartners > "Add Rules" link
10. Select "Web Address"
11. Select "Folder" and provide Partner web URL "http://fncs/apps/fnspartnership/"
12. Select "Include - Any item that matches...." and select "OK"
13. Select "FNSPartners > Edit Properties and Rules" link
14. Select "New Rule"
15. Select "Property Query" add "Property Restrictions" for "contentclass = STS\_List\_GenericList
16. Select "Exclude" option.
17. Select "OK"
18. Select "Search Administration" and under "Scopes Needing Update" select "Start update now" link.
19. Select "Content Sources" in left nav and run a "Full Crawl" Crawling the FNS Partnership site will allow SharePoint to index FNS Partnership specific metadata fields. These fields are used to define managed properties for FNS Partnership search.
20. Select “fncsshareservices” and select “Search Settings > Metadata Properties
21. Select "New Managed Property.” Enter the following properties for each:

**Name:** *FNSPartnersRegion*

**Description:** *FNS Partners Region field*

**Type:** *Text*

*Select “Include values from a single crawled property based on the order specified”*

*Select “Add Mapping”*

**Find:** *FNS\_x0020\_Region*

*Select “Crawled Property”*

*Select “OK”*

**Include in Scope:** *Yes  
Select “OK”*

**Name:** *FNSPartnersTargetIssue*

**Description:** *FNS Partners Target Issue field*

**Type:** *Text*

*Select “Include values from a single crawled property based on the order specified”*

*Select “Add Mapping”*

**Find:** *Target\_x0020\_Issue*

*Select “Crawled Property”*

*Select “OK”*

**Include in Scope:** *Yes*

*Select “OK”*

**Name:** *FNSPartnersProgramSupported*

**Description:** *FNS Partners Program Supported field*

**Type:** *Text*

*Select “Include values from a single crawled property based on the order specified”*

*Select “Add Mapping”*

**Find:** *Programs\_x0020\_Supported*

*Select “Crawled Property”*

*Select “OK”*

**Include in Scope:** *Yes*

*Select “OK”*

**Name:** *FNSPartnersTypePartner*

**Description:** *FNS Partners Type of Partner field*

**Type:** *Text*

*Select “Include values from a single crawled property based on the order specified”*

*Select “Add Mapping”*

**Find:** *Type\_x0020\_of\_x0020\_Partner*

*Select “Crawled Property”*

*Select “OK”*

**Include in Scope:**  *Yes*

*Select “OK”*

**Name:** *FNSPartnersLevelPartnership*

**Description:** *FNS Partners Level of Partnership field*

**Type:** *Text*

*Select “Include values from a single crawled property based on the order specified”*

*Select “Add Mapping”*

**Find:** *Level\_x0020\_of\_x0020\_Partnership*

*Select “Crawled Property”*

*Select “OK”*

**Include in Scope:** *Yes*

*Select “OK”*

**Name:** *FNSPartnersZipCode*

**Description:** *FNS Partners Zip Code field*

**Type:** *Text*

*Select “Include values from a single crawled property based on the order specified”*

*Select “Add Mapping”*

**Find:** *Zip\_x0020\_Code*

*Select “Crawled Property”*

*Select “OK”*

**Include in Scope:** *Yes*

*Select “OK”*

**Name:** *FNSPartnersCityState*

**Description:** *FNS Partners City and Statue field*

**Type:** *Text*

*Select “Include values from a single crawled property based on the order specified”*

*Select “Add Mapping”*

**Find:** *City\_x0020\_and\_x0020\_State*

*Select “Crawled Property”*

*Select “OK”*

**Include in Scope:** *Yes*

*Select “OK”*

1. Run a Full Crawl on the Search after all this is completed

# Appendix A: References

Insert the name, version number, description, and physical location of any documents referenced in this document. Add rows to the table as necessary.

The following table summarizes the documents referenced in this document.

|  |  |  |
| --- | --- | --- |
| **Document Name** | **Description** | **Location** |
| Document Name and Version Number | Document description | URL or Network path where document is located |
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# Approvals/Signatures

The undersigned acknowledge that they have reviewed the [name of document] document and agree with the information presented within this document. Changes to this document will be coordinated with, and approved by, the undersigned, or their designated representatives.

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