TFS 2017 Update 2 – Dev

2017 Upgrade Notes

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Ensure solid backups for all TFS databases

Put Framework 4.7 on first

Shut down AV OAS

Clean out old proxy cache folder at root of D:\\_tfs\_data

Code Search: D:\\_tfs\_data\Search

IIS: Stop Health Check site, Stop Health Check application pool

\* Replace HC site contents

\* Reset default document to HealthCheck.aspx

\* Modify hosts file to resolve tfs.mmm.com to 127.0.0.1

Disable PowerShell UserSync.ps1 scheduled task. – N/A

TfsServiceControl QUIESCE on both nodes, make sure to close PowerShell prompt

Install TFS 2017 on node 01 (takes a long time to apply since only bootstrapper)

Upgrade an existing installation

Production Upgrade

Use existing service accounts

Web site settings: enable HTTP > HTTPS redirect

!!!!!!!!!!! NO CODE SEARCH YET ON PROD !!!!!!!!!!!!!!!!!!

Search Service: Install to D:\\_tfs\_data\Search\IndexStore

Run as TFSSERVICE

Install for all existing TPCs

Install Code Search extension for new TPCs

Reporting:

Use existing values

Make sure to set to run as TFSREPORTS

SharePoint:

Use current settings

Verify:

Public URL: Continue anyway

Agree to install JDK on AT node

Search: Accept Oracle Java SE install

[Warning@11:04:27.305] ms.feed extension install failed with exception System.ArgumentNullException: Value cannot be null.

Parameter name: extensionManifest

at Microsoft.VisualStudio.Services.Common.ArgumentUtility.CheckForNull(Object var, String varName, String expectedServiceArea)

at Microsoft.VisualStudio.Services.ExtensionManagement.Sdk.Server.ExtensionDemandsResolutionService.<>c\_\_DisplayClass5\_0.<ResolveDemands>b\_\_0()

at Microsoft.TeamFoundation.Framework.Server.VssRequestContextExtensions.TraceBlock[T](IVssRequestContext requestContext, Int32 enterTracepoint, Int32 leaveTracepoint, Int32 exceptionTracepoint, String area, String layer, String methodName, Func`1 action)

at Microsoft.VisualStudio.Services.ExtensionManagement.Sdk.Server.ExtensionDemandsResolutionService.ResolveDemands(IVssRequestContext requestContext, String publisherName, String extensionName, ExtensionManifest extensionManifest, DemandsResolutionType resolutionType)

at Microsoft.VisualStudio.Services.ExtensionManagement.Server.InstalledExtensionService.ValidateDemands(IVssRequestContext requestContext, String publisherName, String extensionName, ExtensionManifest extensionManifest, Boolean throwOnError)

at Microsoft.VisualStudio.Services.ExtensionManagement.Server.InstalledExtensionService.InstallExtension(IVssRequestContext requestContext, String publisherName, String extensionName, String version)

at Microsoft.VisualStudio.Services.ExtensionManagement.Extensions.ExtensionOperationStepPerformer.Install(IVssRequestContext requestContext, ServicingContext servicingContext, InstallExtenstensionStepData stepData)

Install TFS 2017 on node 02 as application tier only

Server Configuration Wizard: AT Only - Advanced

Warning about connecting to SharePoint site - ignore

Same configuration as node 01

Restart both nodes, 01 first. Wait for the AT node to come back up and settle out before restarting node 02.

Allow AT to settle out (30 min)

Full patch. Cycle nodes again.

Test full functionality

Set up and configure dev build server, both XAML and vNext agents

Test SCOM monitoring against 2017 instance



