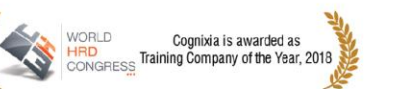




Administering Visual Studio Team Foundation Server (496)

In association with : **Silver
Microsoft
Partner**



Install and configure Team Foundation Server (TFS)

Install Team Foundation Server

- SQL Server version support, install Team Foundation Server in a multi-tier or multi-machine environment, install Team Foundation Server in a load-balanced environment, set up a version control proxy server, schedule automatic backup and restore activities by using the TFS Administration Console

Configure the application tier

- Validate an installation, configure SMTP for Team Foundation Server, change the URL (friendly name), change the default SharePoint Web App, set up reporting (SQL Server Analysis Services)

Migrate and upgrade Team Foundation Server

- Upgrade to Team Foundation Server in place or move to new hardware, import a source base from a non-Team Foundation Server system, upgrade a Team Project

Install and configure Lab Management

- Set up environment templates, install and configure test agents, install and configure System Center Virtual Machine Manager (basic Virtual Machine Manager installation), create library shares or resource pools

Install and configure multiple build agents and controllers

- Tag and bind a controller to a project collection, add a build agent

Manage Team Foundation Server

Manage team project collections

- Move project collections, manage team collections and projects, create and configure team project collections, create a team project using SharePoint and SQL Server Reporting Services (SSRS), split and partition Team Project Collections

Configure for backup and recovery

- Back up and recover Team Foundation Server and related components, recover a failed application tier, recover a failed database tier, implement a disaster recovery plan

Monitor server health and performance

- Monitor the server for performance issues (monitor activity logging database and Team Foundation Server server manager), monitor the job infrastructure for failed jobs (monitoring warehouse adapters and warehouse jobs), clean up stale workspaces and shelvesets, set up Team Foundation Build to use a version control proxy server

Operate lab management

- Operate and modify lab environments, repair lab environments, use snapshots, store System Center Virtual Machine Manager environments

Manage security

- Configure limited users; manage roles in Team Foundation Server using Active Directory groups; manage permissions in Team Foundation Server in SharePoint, SSRS, builds, source control and Work Item management; create and manage teams; configure security for users who do not have a Client Access Licence (CAL)

Manage reporting for Team Foundation Server

- Manage basic reporting using Excel Services, customise the SharePoint team project portal, upload a new SSRS Team Foundation Server report, configure Team Foundation Server to enable a report to appear in a SharePoint project portal, rebuild the Team Foundation Server data warehouse

Customise Team Foundation Server for team use

Configure a team build definition

- Set up for a symbol server and source server; set up for custom build numbers, configure build log verbosity; set up definition properties (test impact analysis, code analysis, automated unit testing and architecture validation); set up build triggers (gated check-in, continuous integration and scheduled build); configure the build drop location to be in source code control or a fileshare.

Manage build execution

- Queue a build with parameters, reconcile workspaces as part of a gated check-in workflow, customise build qualities, clean up builds (apply retention policies)

Modify a process template

- Upload and download process templates; troubleshoot template errors; customise functional areas within process templates, including SSRS, SharePoint, build definitions, Work Items and queries

Configure a team project

- Define areas and iterations, manage users through the default security groups, manage portal settings (team project portal site URL, process guidance URL), define project-level alerts

Apply Work Item customisations

- Add a new Work Item type as a child of an existing Work Item; customise field definitions for a Work Item; customise form layout and workflows; customise global lists, link types and categories

Create Work Item queries

- Define query folders and permissions; apply query types (tree, flat, directed), add fields to a query, create a query by using Team Explorer

Configure client connectivity to Team Foundation Server

- Configure Visual Studio, Team Explorer, Team Explorer Everywhere, Excel, Project and other tools to connect to Team Foundation Server; configure clients for a proxy server

Administer version control

Create and manage workspaces

- Cloak, undo delete and modify a workspace; delete a workspace; specify workspace visibility; unlock other users' checkouts, pending changes and code; choose a default workspace type for a collection; delete a shelveset

Configure version control proxy

- Set up the cache hit ratio, set up the cache size, set up for multiple Team Foundation Server servers

Configure team project version control settings

- Enable multiple checkout, enable get latest on checkout, configure check-in policies for a team project (Work Items, builds, code analysis, testing policies)



Thank You

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