Deployment Center 3.0

What's new
Contents

What's new in Deployment Center 3.0 ................................................................. 1-1
Perform upgrades and manage the repository ................................................. 1-1
Chapter 1: What's new in Deployment Center 3.0

Perform upgrades and manage the repository

Perform upgrades

Teamcenter administrators can now perform upgrades on their Teamcenter environments. For environments running Teamcenter 11.x, you can now upgrade using Deployment Center.

You can upgrade software in a registered environment or register an existing environment with Deployment Center and then upgrade. Prepare for a software upgrade in an existing Teamcenter environment by ensuring it's registered with Deployment Center. Make sure you send existing configuration information to Deployment Center using the `send_configuration_to_dc` script. Download your software upgrade kits and put your unzipped upgrade software in the repository.

As part of an upgrade, Deployment Center can now scan for software in the repository even if source release software kits are not present. However, target release software kits are required to be in the repository. Deployment Center can now construct the mapping from the source release to the upgrade release using the environment's configuration files and the target release software. You send the source environment information to Deployment Center using the `send_configuration_to_dc` utility. Deployment Center analyzes the target release information to construct the mapping at the time you choose to upgrade. If there is missing software information for the source or target release that is required for the upgrade, Deployment Center displays messages telling you how to proceed.

Source environment software kits are still required for maintenance of the current release, as there is no target patch or upgrade release to be analyzed.

Manage software in the repository

You can now see the environments where the software kits in the Deployment Center repository are installed. When you review the software in the Software Media list, the new Usage column displays which environments have the installed software. Software dependencies are also displayed here, so you can determine whether you have everything you need for your upgrade. Deployment Center displays messages explaining dependencies on missing software and how to proceed.

The Deployment Center repository now allows you to remove software kits after they are no longer in use. You can follow the procedure to delete software kits and Remove the software kit entry from the repository.

You can now specify the repository service name for Deployment Center during installation. The new -repoServiceName argument can specify the name of a Windows service. If no name is provided, the default service name is RepositoryService.

Microservice Framework support for Access Controls and Requirements Management

In order to run Access Controls and Requirements Management in Active Workspace, you must install the Teamcenter Microservice Framework.
With the framework, you can configure multiple replicas of application microservices. The replicas can be deployed across a set of machines for scalability and redundancy.

Microservice framework nodes can be installed on either a Linux or Windows host. All microservice nodes within an environment must run on the same OS type. Your choice of host OS type for the microservice nodes is independent of whether your Teamcenter web-tier architecture is Java EE or .NET.

Use Deployment Center to configure Microservice Framework installation and generate microservice node deployment scripts. The Teamcenter Microservice Framework kit is an individual download. Microservice Framework cannot be installed using Teamcenter Environment Manager.
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