Verify Targets Script Instructions

Purpose

The verifyTargets script is used to verify that in a OSB, SOA/BPM, BAM domain the components are correctly targeted according to the 11.1.1.7 Enterprise Deployment Guide Appendix B Targeting Applications and Resources to Servers. The following targets are validated:

- Applications
- Libraries
- Startup Classes
- Shutdown Classes
- JMS System Resources
- WLDF System Resources

Installation

To install just unzip VerifyTargets.zip. It will create the following files

- verifyTargets.sh
- verifyTargets.properties
- scripts/verifyTargets.py
- scripts/verifyApps.txt
- scripts/verifyLibs.txt
- scripts/verifyStartup.txt
- scripts/verifyShutdown.txt
- scripts/verifyJMS.txt
- scripts/verifyWLDF.txt

Configuring

Configuration information is held in the verifyTargets.properties file. This file is provided with Unix/Linux style line breaks, to edit it in Windows use wordpad. The following property values need to be set according to the target environment:

- MW_HOME –Middleware Home Directory
- verification_file_dir – Location of Verification Files (use forward slashes '/' even on Windows)
- admin_url – URL of Domain Admin Server
- admin_password – Administrator Password of Domain
- admin_username – Administrator User of Domain
- osb_target_name – Name of OSB Cluster or Server

- soa_target_name – Name of SOA/BPM Cluster or Server
- bam_target_name – Name of BAM Cluster or Server
- wsm_target_name – Name of WSM PM Cluster or Server
- admin_server_name – Name of Admin Server

Running the Script

Before running the script the Admin Server of the target domain must be up and running.

The script is run by executing the verifyTargets.sh or verifyTarget.cmd command.

Interpreting the Results

The script produces the following messages.

Progess Check

A notification message is produced when a set of resources are being validated.

> *StartupClass Check*
>
> ===
>
> *ShutdownClass Check*
>
> ===

Unexpected Resources

When a resource is found that is not in the list of expected targets a message is output of the form "Extra <Resource> Deployed: <ResourceName>". This is just an information message and will occur if additional products or custom applications are deployed in the domain. This may also occur due to omissions from the documentation.

> *Application Check*
>
> ===
>
> *Extra Application Deployed: frevvo*

Missing Targets

When a resource is found that is not targeted at an expected target then a message is output of the form "Missing target: <ResourceName>: <Target>". This will indicate the resource and the missing target. This message will also appear for resources marked as optional.

> *Application Check*

==

Missing target: usermessagingdriver-xmpp: optional

Library Check

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Missing target: oracle.bpm.mgmt#11.1.1@11.1.1: soa_cluster

Unneeded Targets

When a resource is found that is targeted at an unexpected target then a message is output of the form "Extra target: <ResourceName>: <Target>". This will indicate the resource and the unnecessary target.

Application Check

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Extra target: Healthcare UI: soa_cluster

Missing Resources

The script does not check for expected resources that are missing.

Contact Details

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