**Automated restore databases, upgrade agile reporter and products**

1. Before configuration and installation

Before you first time run executable files (restoredbs.exe or installproducts.exe), you should run putty.exe and then fill remote machine’s address or name, click “open” button, click “yes” if some relative dialogue prompts.

This is for making sure your computer need gets trust connection with target remote machines.

1. Configuration introduction

autoUpgrade.json is configuration for restoredbs.py and installproducts.py

1. Database server for SQL:

|  |
| --- |
| "id": 0,  "name": "tool\_database",  "driver": "sqlserver",  "host": "172.20.20.57",  "loginuser":"sa",  "loginpassword":"password",  "port": null,  "sidORinstance": "sql2008r2",  "username": "MAS\_21403\_KUN\_J",  "storefolder":"E:\\ProductDB\\APAC\_US\\MAS",  "dumpfile": "MAS\_22201\_KS2K8T58U\_DATA.BAK",  "dumpfolder": "E:\\ProductDB\\APAC\_US\\MAS\\Bak" |

Note: you need use “\\” replace “\” in windows path.

1. Database server for Oracle:

|  |
| --- |
| "id": 1,  "name": "ar\_database",  "driver": "oracle",  "host": "172.20.20.49",  "loginuser":"oracle",  "loginpassword":"0racle11",  "port": null,  "sidORinstance": "ora11g",  "username": "auto\_trump\_j\\$OWNER",  "userpassword":"password",  "fromuser":"auto\_trump\_11\\$OWNER",  "dumpfile": "auto\_trump\_11OWNER.dmp",  "dumpfolder": "/home/oracle/backup/" |

Note: you need adding “\\” before “$”.

1. Installer and properties
2. Upgrade agile reporter installer

|  |
| --- |
| "id": 0,  "description":"agilereport installation",  "host": "sha-com-qa-11",  "loginuser":"testp",  "loginpassword":"password",  "port": null,  "type":"0",  "app": "AgileREPORTER-1.15.3.1-b1019.jar",  "appfolder":"Z:\\ProductLine\\ReportPortalPackage\\1.15.3.1",  "properties":"ARInstall\_qa11\_testp.properties",  "propertiesfolder":"Z:\\ProductLine\\TrumpTest",  "installfolder":"/home/testp/trump\_11/" |

Note: type is “0” not 0. Id, host, loginuser, loginpassword, type, installfolder are required fields.

If you install Agile Reporter using offset, please set host.port.offset in properties, no need adding it in this configuration (autoUpgrade.json). This tool will update standalone.xml automatically.

1. Install product only

|  |
| --- |
| "id": 3,  "description":"ar for MAS",  "type":"1",  "app": "ARforMAS\_2.23.1.7.zip",  "appfolder":"Z:\\ProductLine\\MAS\\Package",  "installfolder":"/home/testp/trump\_11/" |

1. Install product and set properties

|  |
| --- |
| "id": 2,  "description":"ar for fed DID",  "type":"1",  "app": "LRM\_FED\_DID\_v1.3.1.1.zip",  "appfolder":"Z:\\ProductLine\\FED\\Package\\v1.8.1",  "properties":"FEDalias.properties",  "propertiesfolder":"Z:\\ProductLine\\TrumpTest",  "installfolder":"/home/testp/trump\_11/",  "DIDprefix":"LRM\_FED",  "DIDimplementationVersion":"1.3.1.1",  "DIDaliasName":"LRM FED DATA SOURCE" |

1. set properties

|  |
| --- |
| "id": 4,  "description":"ar for MAS data alias",  "type":"1",  "properties":"MASoracleDataaliasinfo.properties",  "propertiesfolder":"Z:\\ProductLine\\TrumpTest",  "installfolder":"/home/testp/trump\_11/",  "DIDprefix":"MAS",  "DIDimplementationVersion":"2.23.1.7",  "DIDaliasName":"STB Data MAS:STB CORE Data" |

Note: use “:” for join one more DIDaliasName.

propertiesfolder only supports windows path, so all properties should be stored in windows OSes.

appfolder only supports windows path, so all app should be stored in windows OSes.

id is an integer, not a string.

Type is a string. Values are “0” for agile reporter installation, “1” for products installation.

One rule: First configuration, first running.

1. Execute restoredbs.exe

Execute this file using cmd, it will reads configuration from autoUpgrade.json, and restores database in remote host.

After finished running, it will generates all scripts LocalRestoreDB\_x.bat (.log) or RemoteRestoreDB\_x.sh (.log), and restoredbs.log in log folder.

restoredbs.log’s first column is username, which indicated in autoUpgrade.json, second column is status, pass or fail.

1. Execute installproducts.exe

Execute this file using cmd, it will checks databases restored correctly according to restoredbs.log, and then reads configuration from autoUpgrade.json.

After finished running, it will generates all scripts RemoteInstall\_x.sh (.log), installproducts.err, installproducts.log.

installproducts.log is a summary log for installing all agile reporter and products.

Installproducts.err describes info or warn in applicationServers section of autoUpgrade.json.