



Data Protector

Using UpgradeCheck.pl script

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Prior to starting the upgrade to Data Protector 10.03, you can ensure that certain infrastructural prerequisite conditions are met by using the UpgradeCheck.pl script. The UpgradeCheck.pl script is applicable only when upgrading to Data Protector 10.03 from earlier releases. If you are performing a new installation of Data Protector 10.03, follow the instructions under the **Install** section of the documentation available at https://docs.microfocus.com/itom/Data_Protector:10.03/Home.

The UpgradeCheck.pl script is available for download as UpgradeCheck.tar (Linux) and UpgradeCheck.zip (Windows) from <https://software.microfocus.com/en-us/products/data-protector-backup-recovery-software/download>.

Prerequisites checked by the UpgradeCheck.pl script

The script checks for the following prerequisites:

- The Cell Manager's host name as obtained from the **omnidbutil --show_Cell_name** command output matches the FQDN of the host as recorded in the DNS.
- The Cell Manager's host name starts with an alphabet.
- The Cell Manager's host name does not contain an underscore (_).
- The Cell Manager's host name is not single character.
- The length of the short host name or the host name component in the FQDN is less than 15 characters on the Windows platform.
- The host name retrieved from the OS matches the Cell Manager's host name as recorded by Data Protector. This check is excluded in a cluster setup.
- The Cell Manager's host name FQDN is present in **standalone.xml** file.
- The Cell Manager's host name FQDN is present in the client **webservice.properties** file.
- In case of HP-UX Cell Managers, the kernel parameter **maxdsiz** is set to a minimum of 3221225472 bytes.

Run the UpgradeCheck.pl script

Perform the following steps to run the UpgradeCheck.pl script:

1. Download the UpgradeCheck.pl script and extract to a temp folder.
 - Windows: UpgradeCheck.zip
 - UNIX/Linux: UpgradeCheck.tar
2. Copy the UpgradeCheck.pl script file from the extracted folder to the following folder in Cell Manager:
 - Windows: <DP_INSTALL_DIR>/bin
 - UNIX/Linux: /opt/omni/bin/
3. Ensure the hostname and nslookup binaries are available under the PATH variable.
4. Ensure the following are set in the Windows environment variable:
 - DP_HOME_DIR
 - DP_DATA_DIR
 - DP_SDATA_DIR
5. Navigate to the following folder in the command prompt:
 - Windows: <DP_INSTALL_DIR>/bin
 - UNIX/Linux: /opt/omni/bin/

6. Run the UpgradeCheck.pl script using the command perl UpgradeCheck.pl.

For example:

```
perl UpgradeCheck.pl

Hostname Retrieved from Cell Info Host name :myserver.mylab.net
NSlookup for Cell Info Host Name is      :myserver.mylab.net
  Hostname Matches (Show Cell Info & DNS FQDN )

Checking Hostname myserver.mylab.net starts with alphabet STATUS : ...PASSED
Checking Hostname myserver.mylab.net does not contain char ('_') STATUS :
...PASSED
Strict Regex Check for myserver.mylab.net STATUS : ...PASSED

Host Name extracted from OS is           :iwf1114206
Hostname of Single Char Check for iwf1114206 STATUS : ...PASSED
Hostname length Check on windows iwf1114206 STATUS : ...PASSED
No Cluster Detected
  Hostname Matches (OS & Cell Info ) - Short Match

Checking Hostname myserver.mylab.net in Standalone.xml STATUS: ...PASSED
Checking Hostname: myserver.mylab.net in dp-auth-provider/webservice.properties
STATUS: ...PASSED
Checking Hostname: myserver.mylab.net in dp-config-server/webservice.properties
STATUS: ...PASSED
Checking Hostname: myserver.mylab.net in dp-gui/webservice.properties STATUS:
...PASSED
Checking Hostname: myserver.mylab.net in dp-jobexecutionengine-
backup/webservice.properties STATUS: ...PASSED
Checking Hostname: myserver.mylab.net in dp-jobexecutionengine-
consolidation/webservice.properties STATUS: ...PASSED
Checking Hostname: myserver.mylab.net in dp-jobexecutionengine-
copy/webservice.properties STATUS: ...PASSED
Checking Hostname: myserver.mylab.net in dp-jobexecutionengine-
mediacopy/webservice.properties STATUS: ...PASSED
Checking Hostname: myserver.mylab.net in dp-jobexecutionengine-
reporting/webservice.properties STATUS: ...PASSED
Checking Hostname: myserver.mylab.net in dp-jobexecutionengine-
verification/webservice.properties STATUS: ...PASSED
Checking Hostname: myserver.mylab.net in dp-
licenseprovider/webservice.properties STATUS: ...PASSED
Checking Hostname: myserver.mylab.net in dp-loginprovider/webservice.properties
STATUS: ...PASSED
Checking Hostname: myserver.mylab.net in dp-scheduler-gui/webservice.properties
STATUS: ...PASSED
Checking Hostname: myserver.mylab.net in dp-webservice-
server/webservice.properties STATUS: ...PASSED
Checking Hostname: myserver.mylab.net in jce-dispatcher/webservice.properties
STATUS: ...PASSED
Checking Hostname: myserver.mylab.net in jce-
serviceregistry/webservice.properties STATUS: ...PASSED

Script Exiting with code :0
```

7. Browse to the log directory <DP_LOG_DIR> and locate the log file **UpgradeCheck_<time>.log**. This log file lists the cause of the failure.
 - Meet the prerequisites if the cause for the failure is due to prerequisites check failing.
 - Specify the correct host name if the failure is due to the host name mismatch.
8. Run the UpgradeCheck.pl script again. If there are any errors, check the log file **UpgradeCheck_<latest_time>.log**. Fix issues according to the causes listed in the log file.

For latest version of these instructions and other upgrade checks, see the **Upgrade Prerequisite** section under Data Protector 10.03 documentation available at https://docs.microfocus.com/itom/Data_Protector:10.03/Home.

Documentation

You can access the complete Data Protector documentation on the Customer Information Portal at <https://docs.microfocus.com/?DP>. Select the required release number.

You can also go through the informative videos related to Data Protector on the Micro Focus YouTube channel at https://www.youtube.com/channel/UC35gcEr3eOT_xM_5nEBXmTA/search?query=data+protector.

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