

DASHConfigRT (v1.0)

DASHConfigRT is a command line application to configure DASH Systems for the windows. This utility can be used with management console such as Microsoft SCCM to provision all the DASH Systems in a set of collection.

In order to support the Active directory for the DASH target. OEM needs to update the following DASH software.

Prerequisites:

1. The DASH firmware which supports the Active Directory.
2. Windows DASH client software which supports the in-band provision for the windows.
3. Renew the latest DASH console tool for the windows.

Usage:

There is the command line parameter:

-xf:xmlfile

For example:

"DASHConfigRT -xf: config.xml"

The -xf:<xmlfile> parameter informs DASHConfigRT of the file system location for the XML file which will be used to provision the management target.

DASHConfigRT utility will delete the provision XML file after processing the provisioning file has been completed. This is important due to the inclusion of password values in the XML file.

The -v parameter will print the version information to the utility.

Provisioning XML File Format

XML Nodes List:

<DASHPROVISIONSETTINGS> - Required, root node

GLOBAL List:

<GLOBAL> - Optional, necessary if any global management target values are to be provisioned.

<HTTPS> - Optional necessary if any HTTPS protocol values are to be provisioned.

<HTTP> - Optional, necessary if any HTTP protocol values are to be provisioned.

<ENABLESUPPORT> - Optional. If defined, it will enable or disable the HTTP and/or HTTPS protocol support depending on which protocol parent node in which it is included. false = disabled, true = enabled.

<TCPIPSPORT> - Optional. If defined, it will cause the management target to use provisioned value as the TCP/IP listening port for WS-MAN requests being sent over the HTTP or HTTPS protocol depending on which protocol parent node in which it is included.

USER List:

<USERS> - Optional. Necessary if any user accounts are to be provisioned on the management target. Currently there is a limit of 10 provisioned users on any single management target.

<USER> - One or more is required if the <USERS> node is included in the XML provisioning file.

<USERID> - Required. Provides the name of the account to be created.

<PASSWORD> - Required. Provides the passwords used to authenticate against the associated USERID.

<ENABLE> - Required, determines whether the newly created user account is enabled for use. false = offline, true = enabled.

<ROLES> - Required, defines the roles (privileges) given to the newly created user account. Up to 3 roles can be defined for a particular user account.

<ROLE> - Required. Currently there are only 3 acceptable values ,namely, Administrator Role, Operator Role and Read Only Role. Administrators have full control over the management target and its settings, operators can invoke any

operational methods like text console redirection and usb redirection.

ACTIVEDIRECTORY List:

<ACTIVEDIRECTORY> - Optional, necessary if any Active Directory support is to be provisioned.

<ENABLESUPPORT> - Optional. If defined, the Active Directory support enablement state will be modified, false = disabled, true = enabled.

<ACTIVEDIRECTORY_SPNACCOUNT> - Optional, necessary if any Active Directory group(s) are to be provisioned on the management target. This is the name string of the Active Directory user account whose SPN property has been updated to include the target's service principal name (SPN).

<SPNACCOUNT_PASSWORD> - Optional, necessary if any Active Directory group(s) are to be provisioned on the management target. Active Directory stored password for the user account defined by the <ACTIVEDIRECTORY_SPNACCOUNT> node.

<ACTIVEDIRECTORY_GROUPS> - Optional, necessary if any Active Directory group(s) are to be provisioned on the management target. Currently there is a limit of 3 provisioned groups on any single management target because a DASH Role can only be associated to a single Active Directory group and are only 3 defined roles.

<ACTIVEDIRECTORY_GROUP> - Required, if the <ACTIVEDIRECTORY_GROUPS> node is included in the XML provisioning file.

<GROUPNAME> - Optional, necessary if any Active Directory group(s) are to be provisioned on the management target.

<OBJECTSID> - Required, security descriptor string in the standard string representation (S-R-I-S-S) for the Active Directory User Group defined by the <GROUPNAME> node.

<ROLES> - Required, defines the role(s) (privileges) given to the associated Active Directory group. Up to 3 roles can be defined for a particular Active Directory group. The individual DASH roles can only be associated to a single Active Directory group.

<ROLE> - Required. Currently there are only 3 acceptable values ,namely, Administrator Role, Operator Role and Read Only Role. Administrators have full control over the management target and its settings, Operators can invoke operational methods.