

IBM DS

Last update 06/12/2013

Requirements:

- IBM 3K/4K/5K series

For those types of arrays, the SMI-S provider must be installed and configured properly, to provide data for the array. See IBM website for more details, on how to install/configure.

Download for SMI-S provider: <http://support.netapp.com/NOW/apbu/oemcp/protcd/>

- IBM 6K/8K series

Since Release 2.4 (Bundle 6.2.400.64), DS 6K/8K have CIM/SMI-S provider build-in into the HMC.

CIM/SMI-S port is typically 6988/6989. CIM agent must be enabled (disabled by default, until Release 4 (Bundle 62.0.175.0).

Older generation requires to install and configure the provider separately. See IBM website for more details, on how to install/configure.

Contact IBM if you are unsure if the CIM provider is available on your HMC.

Download for IBM CIM Agent for DS Open API:

[http://www-947.ibm.com/support/entry/portal/Downloads/Hardware/System_Storage/Storage_software/Other_software_products/CIM_Agent_for_DS_Open_\(API\)/](http://www-947.ibm.com/support/entry/portal/Downloads/Hardware/System_Storage/Storage_software/Other_software_products/CIM_Agent_for_DS_Open_(API)/)

Default username and password for DS Open API CIM/SMI-S provider are: superuser / passw0rd

Known issues:

- Storage Volume (LUN) WWN (partsn) for IBM DS 6K/8K might not be available if using the DS Open API provider. Workaround: None.
- On some older IBM DS 6K/8K series array, port speed might report as 0. This is a provider bug, contact IBM for assistance.
- On some older IBM DS 6K/8K series array, Rank utilization always report 0 Free Capacity.