

## DNS-1600 Firmware Update

First, extract and copy DataON\_DNS-1600 folder to c:\

Access the directory

- PS C:\Users\Administrator> cd C:\DataON\_DNS-1600
- C:\DataON\_DNS-1600> cd FW1733

Use **"Get-StorageEnclosure | select \*"** to view the current firmware

```
PS C:\Users\Administrator\Desktop\DNS-1600\FW1733> Get-StorageEnclosure |select *

HealthStatus           : Healthy
PowerSupplyOperationalStatus : {OK, OK}
FanOperationalStatus    : {OK, OK, OK, OK}
TemperatureSensorOperationalStatus : {OK, OK, OK, OK...}
VoltageSensorOperationalStatus : {OK, OK, OK, OK...}
CurrentSensorOperationalStatus : {OK, OK}
IOControllerOperationalStatus : {OK, OK}
ObjectId               : {1}\WIN-0958FBKIGKD\root\Microsoft\Windows\Storage/Providers_v2\SPACES_StorageEnclosure.ObjectId="{27e21691-5f92-11e4-80b5-806e6f6e6963}":SE:{0b229bee-56c8-365d-e0a4-c86acc6572ce}"

PassThroughClass        :
PassThroughIds           :
PassThroughNamespace     :
PassThroughServer        :
UniqueId                : 5001636001A2C33D
DeviceId                 : {0b229bee-56c8-365d-e0a4-c86acc6572ce}
FirmwareVersion          : 1729
FriendlyName             : StorageEnclosure12
Manufacturer             : DataON
Model                   : DNS-1600
NumberOfSlots            : 24
SerialNumber             :
PSComputerName           :
CimClass                 : ROOT/Microsoft/Windows\Storage:MSFT_StorageEnclosure
CimInstanceProperties     : {ObjectId, PassThroughClass, PassThroughIds, PassThroughNamespace...}
CimSystemProperties       : Microsoft.Management.Infrastructure.CimSystemProperties

HealthStatus           : Healthy
PowerSupplyOperationalStatus : {OK, OK}
FanOperationalStatus    : {OK, OK, OK, OK}
TemperatureSensorOperationalStatus : {OK, OK, OK, OK...}
VoltageSensorOperationalStatus : {OK, OK, OK, OK...}
CurrentSensorOperationalStatus : {OK, OK}
IOControllerOperationalStatus : {OK, OK}
ObjectId               : {1}\WIN-0958FBKIGKD\root\Microsoft\Windows\Storage/Providers_v2\SPACES_StorageEnclosure.ObjectId="{27e21691-5f92-11e4-80b5-806e6f6e6963}":SE:{8001f054-849f-c64a-bfc3-417fca499f61}"

PassThroughClass        :
PassThroughIds           :
PassThroughNamespace     :
PassThroughServer        :
UniqueId                : 5001636001A2BC7D
DeviceId                 : {8001f054-849f-c64a-bfc3-417fca499f61}
FirmwareVersion          : 1729
FriendlyName             : StorageEnclosure13
Manufacturer             : DataON
Model                   : DNS-1600
NumberOfSlots            : 24
SerialNumber             :
PSComputerName           :
CimClass                 : ROOT/Microsoft/Windows\Storage:MSFT_StorageEnclosure
CimInstanceProperties     : {ObjectId, PassThroughClass, PassThroughIds, PassThroughNamespace...}
CimSystemProperties       : Microsoft.Management.Infrastructure.CimSystemProperties

PS C:\Users\Administrator\Desktop\DNS-1600\FW1733>
```

Next, enter: **".\1600\_update\_FW.ps1"**, and press "ENTER"

```
PS C:\Users\Administrator\Desktop\DNS-1600\FW1733> dir

Directory: C:\Users\Administrator\Desktop\DNS-1600\FW1733

Mode                LastWriteTime         Length Name
----                -
-a---             7/31/2015   9:50 AM           706 1600_update_FW.ps1
-a---             5/21/2014   1:04 PM        378128 DNS-1600_1733.fw
-a---             1/27/2014   6:04 PM        217608 scan.exe
-a---             1/27/2014   6:04 PM        545097 ses.exe
-a---             1/27/2014   6:10 PM        372371 sg_write_buffer.exe
-a---            11/16/2011  10:44 AM           64 vendorId.bin

PS C:\Users\Administrator\Desktop\DNS-1600\FW1733> .\1600_update_FW.ps1
Update Done! Reboot the JBOD and run scan.exe to confirm the update
PS C:\Users\Administrator\Desktop\DNS-1600\FW1733>
```

When the download is complete; **Power-cycle** the enclosure

Confirm update is successful by entering the command: **"Get-StorageEnclosure | select \*"** again

```
PS C:\Users\Administrator\Desktop\DNS-1600\FW1733> Get-StorageEnclosure |select *

HealthStatus                : Healthy
PowerSupplyOperationalStatus : {OK, OK}
FanOperationalStatus        : {OK, OK, OK, OK}
TemperatureSensorOperationalStatus : {OK, OK, OK, OK...}
VoltageSensorOperationalStatus : {OK, OK, OK, OK...}
CurrentSensorOperationalStatus : 
IOControllerOperationalStatus : {OK, OK}
ObjectId                    : {1}\WIN-0958FBKIGKD\root\Microsoft\Windows\Storage\Providers_v2\SPACES_StorageEnclosure.ObjectId="{27e21691-5f92-11e4-80b5-806e6f6e6963}:SE:{0b229bee-56c8-365d-e0a4-c86acc6572ce}"
PassThroughClass            : 
PassThroughIds              : 
PassThroughNamespace        : 
PassThroughServer           : 
UniqueId                    : 5001636001A2C33D
DeviceId                    : {0b229bee-56c8-365d-e0a4-c86acc6572ce}
FirmwareVersion             : 1733
FriendlyName                 : StorageEnclosure15
Manufacturer                 : DataON
Model                       : DNS-1600
NumberOfSlots               : 24
SerialNumber                 : 
PSComputerName              : 
CimClass                    : ROOT\Microsoft\Windows\Storage:MSFT_StorageEnclosure
CimInstanceProperties        : {ObjectId, PassThroughClass, PassThroughIds, PassThroughNamespace...}
CimSystemProperties          : Microsoft.Management.Infrastructure.CimSystemProperties

HealthStatus                : Healthy
PowerSupplyOperationalStatus : {OK, OK}
FanOperationalStatus        : {OK, OK, OK, OK}
TemperatureSensorOperationalStatus : {OK, OK, OK, OK...}
VoltageSensorOperationalStatus : {OK, OK, OK, OK...}
CurrentSensorOperationalStatus : 
IOControllerOperationalStatus : {OK, OK}
ObjectId                    : {1}\WIN-0958FBKIGKD\root\Microsoft\Windows\Storage\Providers_v2\SPACES_StorageEnclosure.ObjectId="{27e21691-5f92-11e4-80b5-806e6f6e6963}:SE:{8001f054-849f-c64a-bfc3-417fca499f61}"
PassThroughClass            : 
PassThroughIds              : 
PassThroughNamespace        : 
PassThroughServer           : 
UniqueId                    : 5001636001A28C7D
DeviceId                    : {8001f054-849f-c64a-bfc3-417fca499f61}
FirmwareVersion             : 1733
FriendlyName                 : StorageEnclosure14
Manufacturer                 : DataON
Model                       : DNS-1600
NumberOfSlots               : 24
SerialNumber                 : 
PSComputerName              : 
CimClass                    : ROOT\Microsoft\Windows\Storage:MSFT_StorageEnclosure
CimInstanceProperties        : {ObjectId, PassThroughClass, PassThroughIds, PassThroughNamespace...}
CimSystemProperties          : Microsoft.Management.Infrastructure.CimSystemProperties
```