



From	Product Management	Doc. number	Eindhoven
BT-VS	BT-VS/XSW-SEC	BT-VS 2024-E-034	06-11-2024

## Release Note

Product:	<b><i>DSA E2800</i></b>
Version:	<b><i>SANtricity OS Controller Software 11.80.1R3</i></b>

### 1. General

DSA E2800 products offered by Bosch are running SANtricity OS Controller Software, which is released and provided by original vendor NetApp to registered owners of NetApp E-Series storage systems.

### 2. Restrictions; Known Issues

- The NetApp AutoSupport® feature (ASUP) is removed from software version 11.70.1 onwards. Therefore, all versions after 11.70R2 do not offer ASUP. The first release that introduces this feature again is version 11.80.1R1.
- Initial setup using Bosch configurations tools requires a valid IPv4 address on the management port, assigned through DHCP.
- A valid NetApp Support portal user account is required to download the software.
- Controller software 11.60.2 and earlier are not supported anymore by NetApp.
- Requires Configuration Manager version 7.11.0048 or later, if used without BVMS.

### 3. Tested versions

See respective BVMS release notes.

### 4. New Features

- Systems must be running on 11.70.5 software in order to upgrade to 11.80.x or later. Therefore, an upgrade to 11.70.5 is required first to upgrade to 11.80.1R3.
- Details are listed in the original NetApp 11.70.5 and 11.80.1R3 release notes (need NetApp Support portal account for review):
  - Release note 11.70.5 [https://library.netapp.com/ecm/ecm\\_download\\_file/ECMLP2874254](https://library.netapp.com/ecm/ecm_download_file/ECMLP2874254)
  - Release note 11.80.1R3 <https://mysupport.netapp.com/site/products/all/details/5d9f1105e01d9c0001ee500f/download-ads-tab/download/62735/11.80.1R3/readme.txt>
- Controller software 11.70.3 or later is required to recognize new E2800 hardware manufactured from October 2022 (production code 278 or later). The production code can be found in the Bosch serial number from position 8 to 10.

### 5. Bug Fixes

- Solution for below vulnerabilities in NetApp DSA E2800:

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- Controller lock down due to duplicated disk pool extents may occur during online drive firmware upgrade
- July 2022 Linux Kernel Vulnerabilities in NetApp Products, see NetApp Security Advisories CVE-2022-36879, CVE-2022-36946 <https://security.netapp.com/advisory/ntap-20220901-0007/> October 2022 Java Platform Standard Edition Vulnerabilities in NetApp Products, see NetApp Security Advisories CVE-2022-21618, CVE-2022-21619, CVE-2022-21624, CVE-2022-21626, CVE-2022-21628, CVE-2022-39399 <https://security.netapp.com/advisory/ntap-20221028-0012/>
- February 2023 OpenSSL Vulnerabilities in NetApp Products, see NetApp Security Advisories CVE-2023-0286, CVE-2022-4304, CVE-2022-4203, CVE-2023-0215, CVE-2022-4450, CVE-2023-0216, CVE-2023-0217, CVE-2023-0401 <https://security.netapp.com/advisory/ntap-20230214-0011/>
- OpenSSL Vulnerability in NetApp Products, see NetApp Security Advisory CVE-2023-0464 <https://security.netapp.com/advisory/ntap-20230406-0006/>
- GNU Ncurses Vulnerability in NetApp Products, see NetApp Security Advisory CVE-2021-39537 <https://security.netapp.com/advisory/ntap-20230427-0012/>

## 6. Installation Notes

**Systems must be running on 11.70.5 software in order to upgrade to 11.80.1R3.**

Registered users can obtain the software versions 11.70.5 and 11.80.1R3 from the NetApp Support portal to upgrade DSA E-Series E2800 storage products:

Update link to 11.70.5: <https://mysupport.netapp.com/site/products/all/details/eseries-santricityos/downloads-tab/download/62735/11.70.5>

Update link to 11.80.1R3: <https://mysupport.netapp.com/site/products/all/details/eseries-santricityos/downloads-tab/download/62735/11.80.1R3>

The following files need to be downloaded

- E2800 and EF280 Software - In chapter 'SANtricity OS Software' (all E2800 systems)
- E2800 and EF280 NVSRAM - Dual controller in chapter 'SANtricity NVSRAM' (only for dual controller systems)
- E2800 NVSRAM - Single controller in chapter 'SANtricity NVSRAM' (only for single controller systems)

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## 7. History

E2800 Controller	BVMS	8.0	9.0	10.0	10.0.1	10.1	11.0	11.1.1	12.0	12.1	12.2	12.3
SANtricity version	VRM	3.71	3.81	3.82	3.82	3.83	4.01	4.03	4.20	4.31	4.41	4.50
11.80.1R3									x	x	x	x
11.80.1R1									x	x	x	
11.80GA									x	x	x	
11.70.5									x	x	x	
11.70.4R1P1							x	x	x			
11.70.4R1							x	x	x			
11.70.3P1							x	x	x			
11.70.3								x				
11.70.1 R1								x				
11.70R2							x					
11.60.2*				x	x	x						
11.50.2**				x	x	x						
11.40.3			x									
11.30.4		x										

\*Only for dual controller

\*\*Only for single controller

Important note:

- **In general it is strongly recommended to upgrade to latest approved software (e.g. BVMS, VRM), whenever it is possible** (keeping mentioned restrictions/limitations in mind), **with the listed newest NetApp controller software, NVSRAM file, disk firmware and where needed Expansion Shelf Module (ESM) listed by NetApp.** Fixes and comprehensive support services can only offered for the latest approved and secure versions.