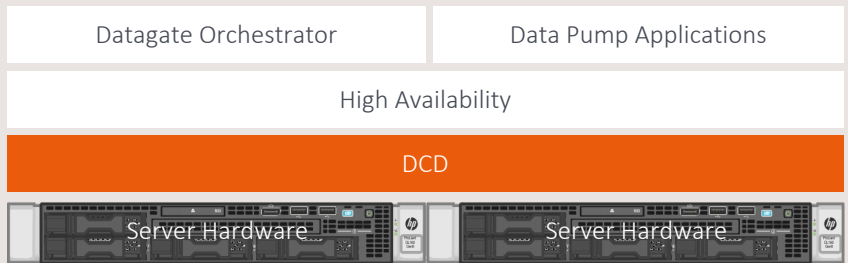


DCD

Unrivalled Security

What is a DCD?

The DCD is part of the BAE Systems Cross Domain Solution (CDS). It is an easy to install and maintain, turn-key operating system (derived from Red Hat Enterprise Linux) for installing BAE Systems CDS software. The DCD system contains the minimal packages and features required to operate the CDS software. It applies performance tuning and security hardening to the operating system to deliver a resilient, robust operating environment, reducing the attack surface of the operating system, thus minimising the risk of compromise.



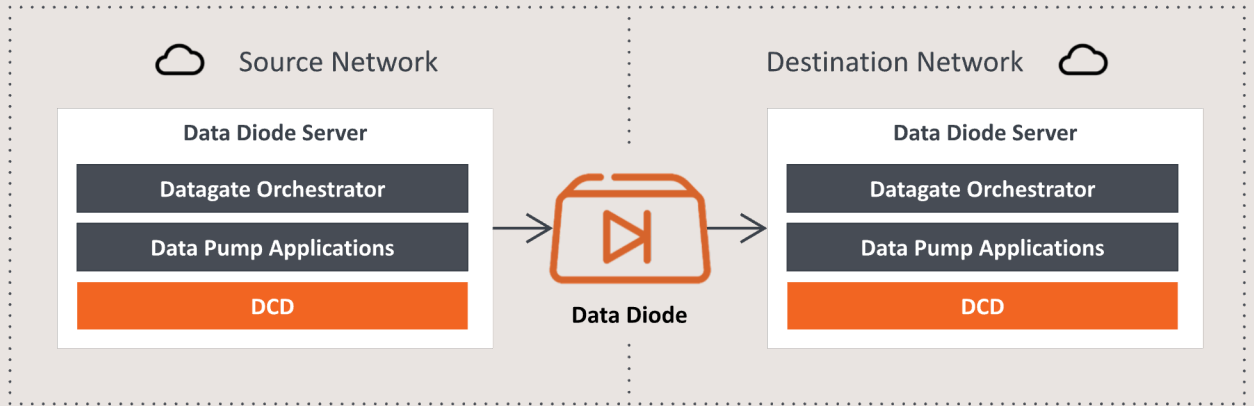
How is it more secure?

The DCD is a modified distribution of Red Hat Enterprise Linux (RHEL) 8. Performs security hardening in accordance in accordance with the Defense Information Systems Agency (DISA) Security Technical Implementation Guide (STIG) for RHEL, as well as security controls from Australian Cyber Security Centre (ACSC) Essential 8 and the ACSC Information Security Manual (ISM). These controls are unified together within the operating system to reduce vulnerabilities and enhance overall security.

For more information on the STIG, please see <https://public.cyber.mil/stigs/>

Where does it operate?

The DCD is the operating system on which all of the BAE Systems CDS software functions. When used as part of a BAE Systems CDS, it is installed onto servers that provide additional security functions around BAE Systems security hardware.



Key features:

- Performs security hardening in accordance with the DISA STIG, ACSC Essential 8, and ACSC ISM for RHEL.
- Provides host-based intrusion detection using AIDE and audit.
- Enables SELinux Confined User Mode by default for a more secure system.
- Full disk encryption with LUKS2.
- Application whitelisting.
- USB Guard support to provide fine granular control of attached USB devices.
- Installs only the packages that are required in order to operate BAE Systems CDS software.
- An update facility provides regular updates to operating system packages and security hardening.

Technical Specifications

Minimum Hardware	8-Core 2.9GHz 32GB RAM 100GB HDD
Base	Based on Red Hat Enterprise Linux 8
Security	Compliant with DISA STIG, ACSC Essential 8 and ACSC ISM for RHEL 8

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