

FOR OFFICIAL USE ONLY  
Certificate of Networthiness (CoN)

**Product:** Faronics Deep Freeze Enterprise 8.x

<b>Cert#</b>	<b>Request Type</b>	<b>CoN Type</b>	<b>Approval</b>	<b>Expiration</b>
201822434	Upgrade	Enterprise	1/16/2018	1/16/2021
<b>Mission Area</b>	<b>Domain</b>	<b>Functional Area</b>	<b>Category</b>	
Enterprise Infrastructure Environment	Computing Infrastructure	Education	Application	

**Description:**

Deep Freeze Enterprise 8.x is an application used by system administrators to protect the core operating system and configuration files on a workstation or server by restoring the computer back to its original configuration each time the computer restarts. Once Deep Freeze is enabled (frozen state), it protects the hard disk from any permanent changes. Every single reboot brings the workstation back to its original state. Deep Freeze can be enabled (frozen or thawed) locally with a password, remotely via the network console, or through custom scripting. This product can be scheduled to restart workstations, shutdown workstations, and also set schedule times where the product will disable (thaw) itself and enable (freeze) again, allowing for changes to be made in an unattended way (including any reboots required within this scheduled time). Deep Freeze is a kernel-level driver that protects hard drive integrity by redirecting information being written to the hard drive or partition, leaving the original data intact. This redirected information is no longer referenced once the computer is restarted, thus restoring the system to its original state at the disk sector level.

Deep Freeze Enterprise 8.x is installed on a current Windows AGM build workstation. Only the IMO or system administrators have access to this application, as it is not used by the general user. To install system updates, the system administrator 'thaws' the protected partition by disabling Deep Freeze, makes any needed changes, and then 'freezes' it again by re-enabling Deep Freeze. These changes become part of the protected partition and are maintained after workstation restarts. Data is saved to the hard drive, and all data stays internal to the local enclave.

**Facts:**

- This is an upgrade for Certificate 201316699.

**CoN Link:** [https://portal.netcom.army.mil/apps/networthiness/\\_layouts/NetcomCON/rqstcon2.aspx?requestId=36699](https://portal.netcom.army.mil/apps/networthiness/_layouts/NetcomCON/rqstcon2.aspx?requestId=36699)


**Restrictions:**

1. Deep Freeze Enterprise 8.x is restricted for use within assessed and authorized networks and/or data centers having a current ATO.

**POC:** netcom.hq.networthiness@mail.mil /(520)538-1199

This Certificate of Networthiness is based on a trusted standardized platform, configured per FDCC. All patches and updates will be provided by the host network administrator (NEC or DECC) in accordance with all technical directives, mandates, and IAVM. This Certificate of Networthiness is no longer valid should the assessed configuration be significantly altered. Per Army Cyber Command guidance, all operating environment will implement HBSS capabilities. Upon expiration of this Certificate of Networthiness, this application must be reassessed to ensure it is still compliant with the GNEC architecture and is still networky. Should this software version be upgraded prior to this expiration, the new version must be evaluated for networthiness.

**Additional Comments:**

**X** SMITH.LARETTA.1067880125   
 Signed on 2018-01-16T00:00:00Z

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