# VCA 2

**Intel** — VISUAL COMPUTE ACCELERATOR 2

QUICK START GUIDE

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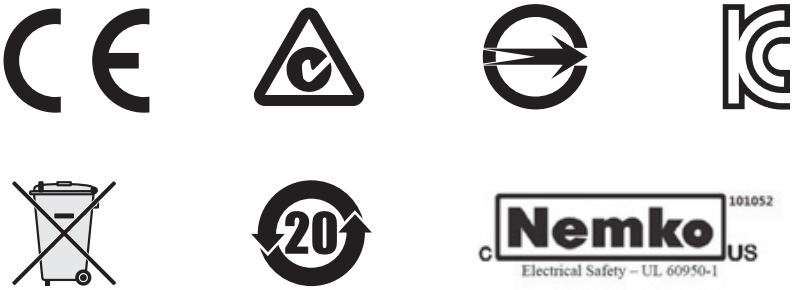
# Regulatory information

This device complies with Part 15 of the FCC Rules. Operation is subject to the following conditions:

- This device may not cause harmful interference.
- This device must accept any interference received including interference that may cause undesired operation.

# Certification marks



# Safety information

**EN** **Important safety instructions**

Read all caution and safety statements in this document before performing any of the instructions. See Intel® Server Boards and Server Chassis Safety Information at: *http://www.intel.com/support/motherboards/server/sb/cs-010770.htm*.

**DE** **Wichtige Sicherheitshinweise**

Lesen Sie zunächst sämtliche Warn- und Sicherheitshinweise in diesem Dokument, bevor Sie eine der Anweisungen ausführen. Beachten Sie hierzu auch die Sicherheitshinweise zu Intel®-Serverplatinen und -Servergehäusen unter: *http://www.intel.com/support/de/motherboards/server/sb/cs-010770.htm*.

**ES** **Instrucciones de seguridad importantes**

Lea todas las declaraciones de seguridad y precaución de este documento antes de realizar cualquiera de las instrucciones. Vea Intel® Server Boards and Server Chassis Safety Information en: *http://www.intel.com/support/sp/motherboards/server/sb/cs-010770.htm*.

FR **Consignes de sécurité**

Lisez attention toutes les consignes de sécurité et les mises en garde indiquées dans ce document avant de suivre toute instruction. Consultez Intel® Server Boards and Server Chassis Safety Information rendez-vous sur le site: ***http://www.intel.com/support/fr/motherboards/server/sb/cs-010770.htm***.

ZH-CN 重要安全指导

在执行任何指令之前，请阅读本文件中的所有注意事项及安全声明。并参阅 ***http://www.intel.com/support/cn/motherboards/server/sb/cs-010770.htm*** 上的 Intel® Server Boards and Server Chassis Safety Information （《Intel® 服务器主板与服务器机箱安全信息》）。

# Warning

**Electrostatic discharge (ESD) protection:** ESD can damage disk drives, boards, and other parts. It is recommended that all procedures are performed at an ESD workstation. If an ESD workstation is not available, provide some ESD protection by wearing an antistatic wrist strap attached to any unpainted metal surface on the server's chassis ground whenever handling parts.

# Overview

The Intel® Visual Compute Accelerator 2 (Intel VCA 2) PCIe* add-in card is designed to accelerate media and graphics workloads. The card is a full-length, full-height, double-width x16 card.

The card contains three discrete single-socket Intel® Xeon® E3 processor-based nodes, each of which supports up to two slots of DDR4 memory.

# Kit contents

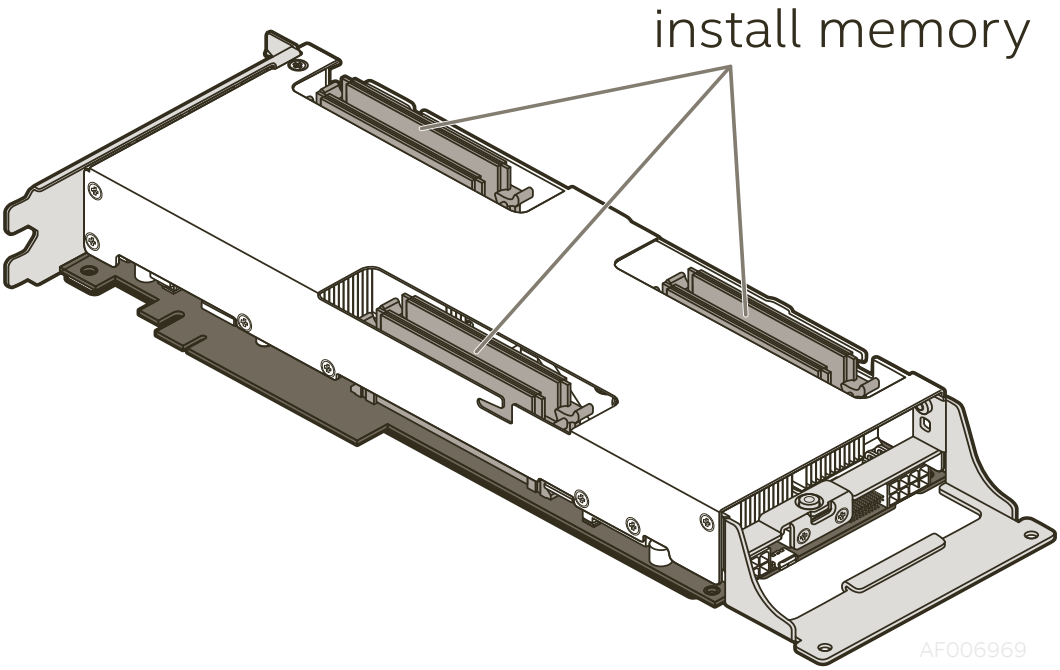
- Intel VCA 2 card
- Cosmetic cover
- This Quick Start Guide

**Note:** No cables are included in the kit. Order cabling separately.

# Hardware install

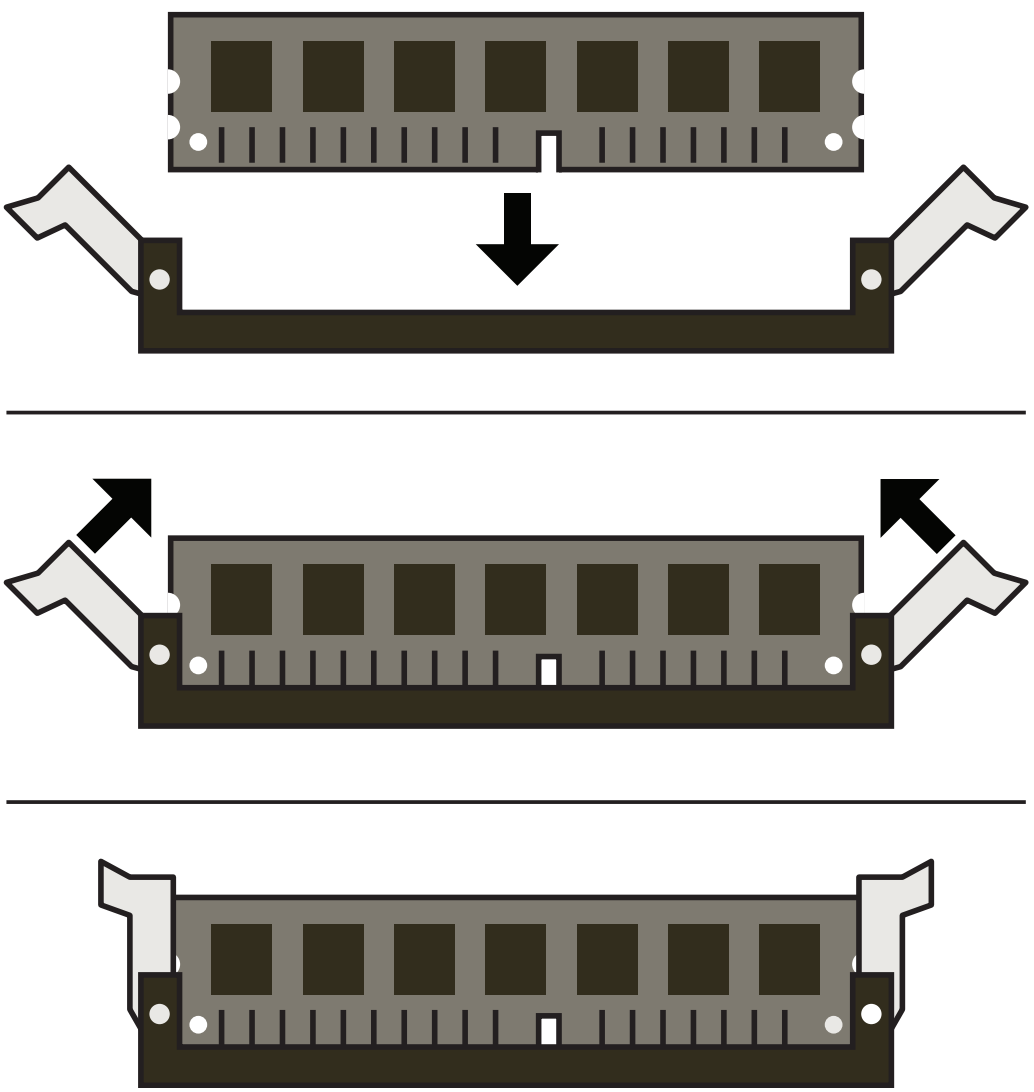
1. Locate the two DIMM slots for each of the three nodes (*Figure 1*).

**Figure 1** Locate memory slots



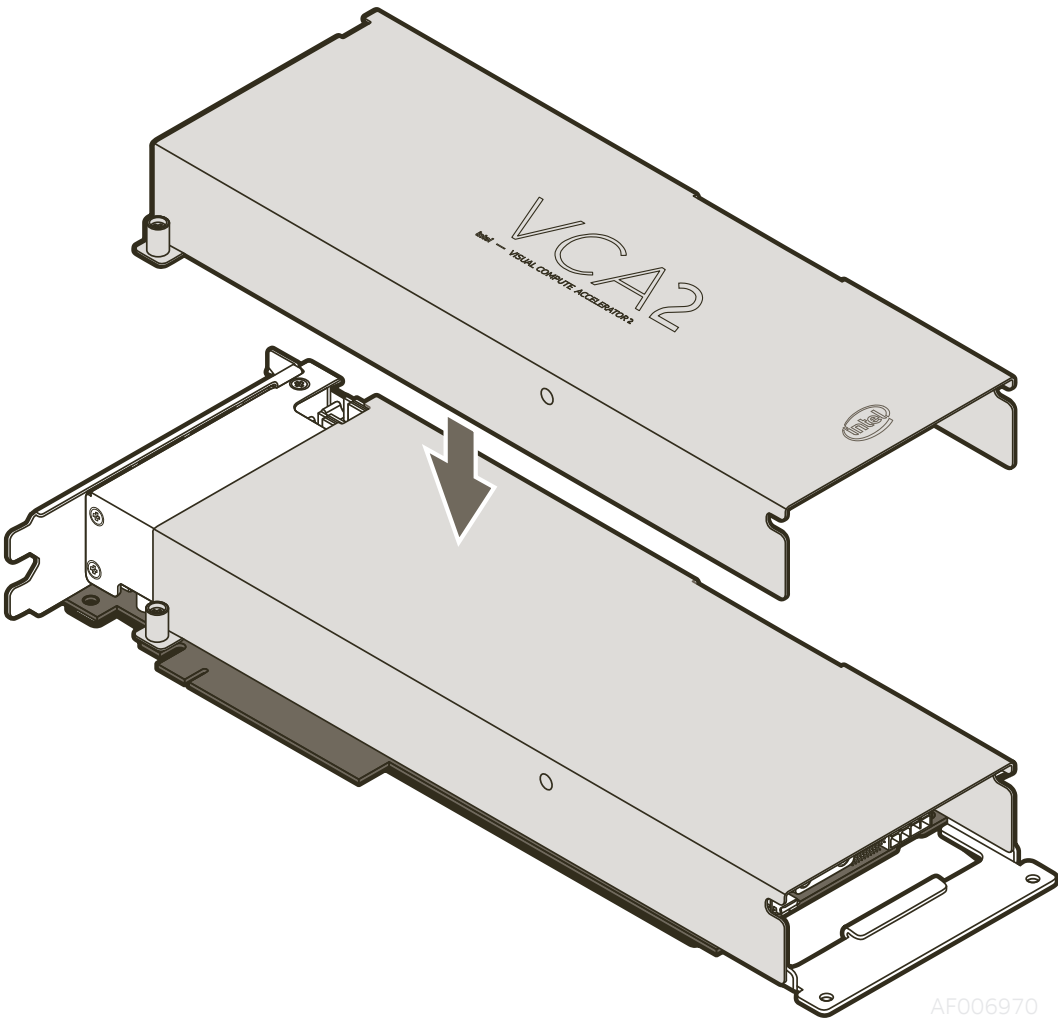
2. Insert each DDR4 ECC SODIMM vertically, ensuring that it is firmly latched in place (*Figure 2*).
   a. Carefully press the DIMM into its slot.
   b. Lock the retaining clips into place.

**Figure 2** Install DIMM



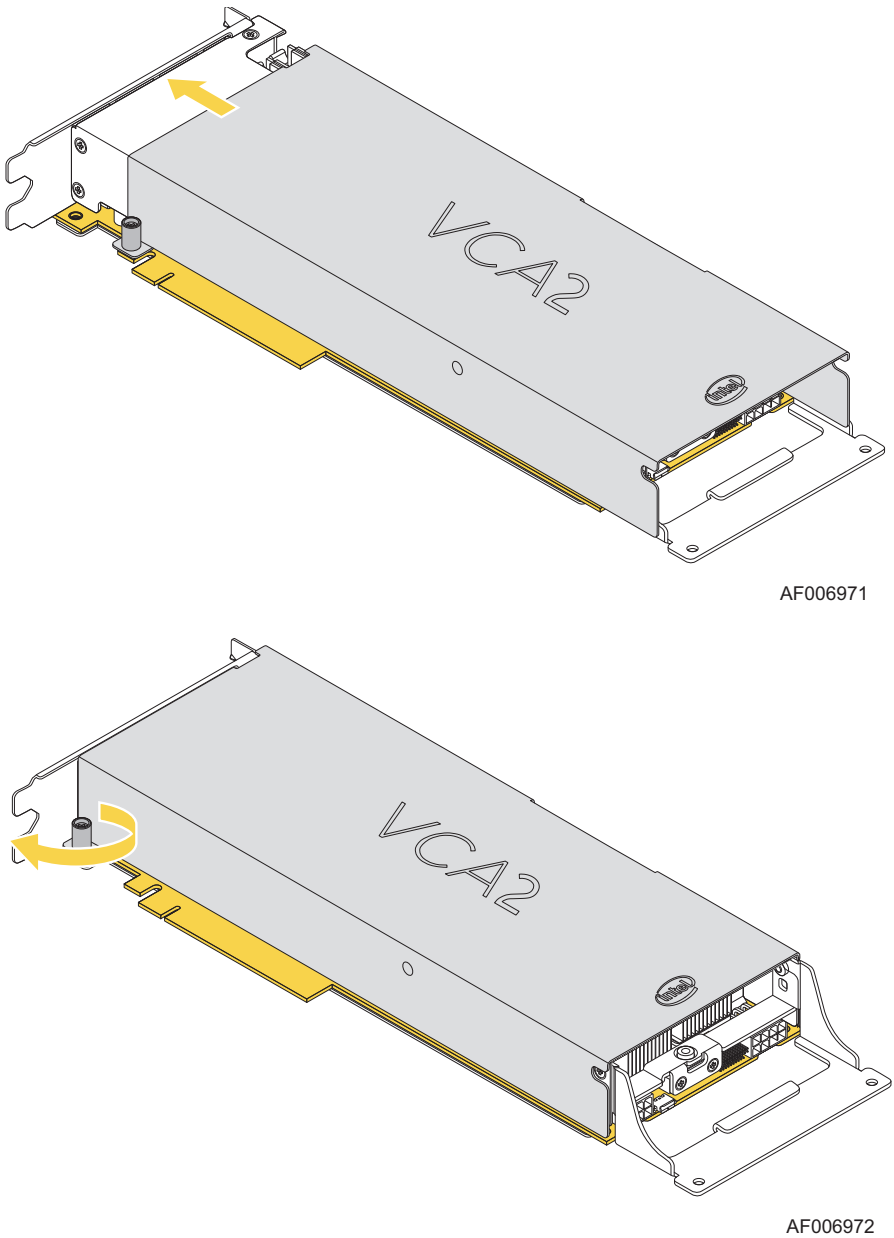
3. Place the cosmetic cover over the card (*Figure 3*).

**Figure 3** Place cover over the card



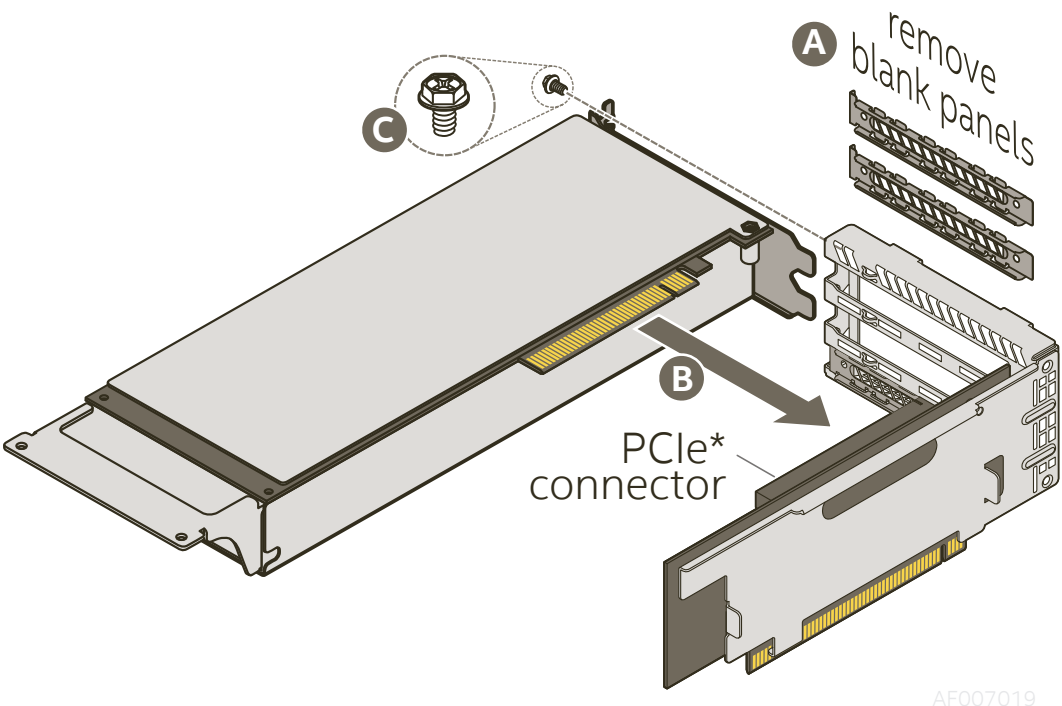
4. Slide the cover a half-inch (11 to 12 mm) to the left to lock it in place, then tighten the screw (*Figure 4*).

**Figure 4** Slide the cover a half-inch to the side



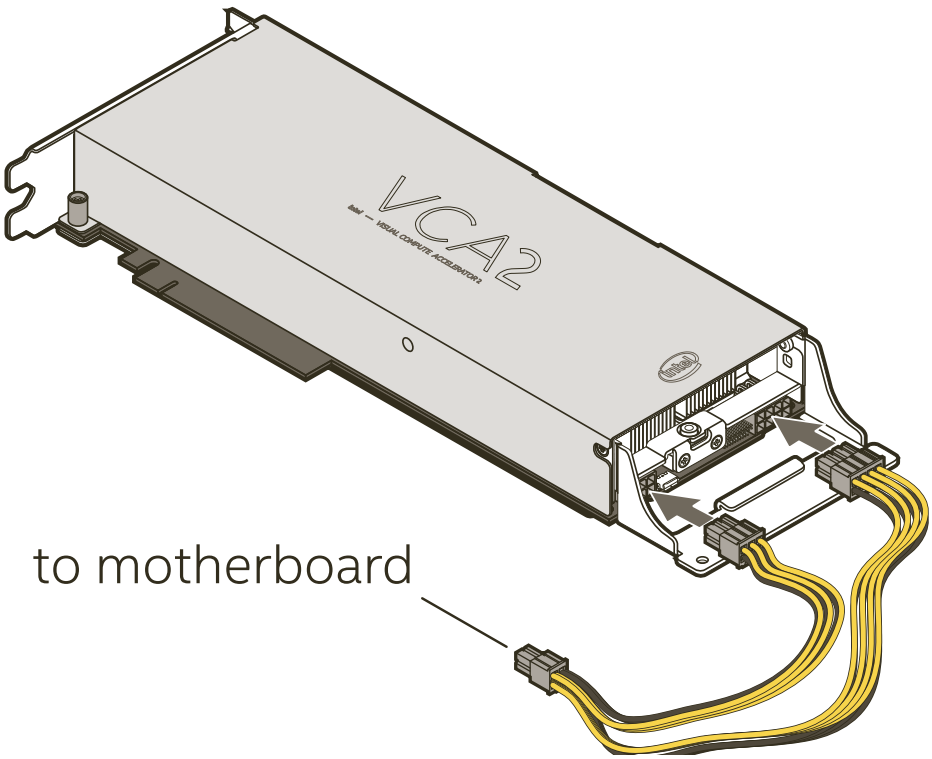
5. Install the Intel VCA 2 into an x16 PCIe* add-in card slot (*Figure 5*).

**Figure 5** Install Intel VCA 2



6. Add auxiliary power to the card (*Figure 6*).

**Figure 6** Auxiliary power



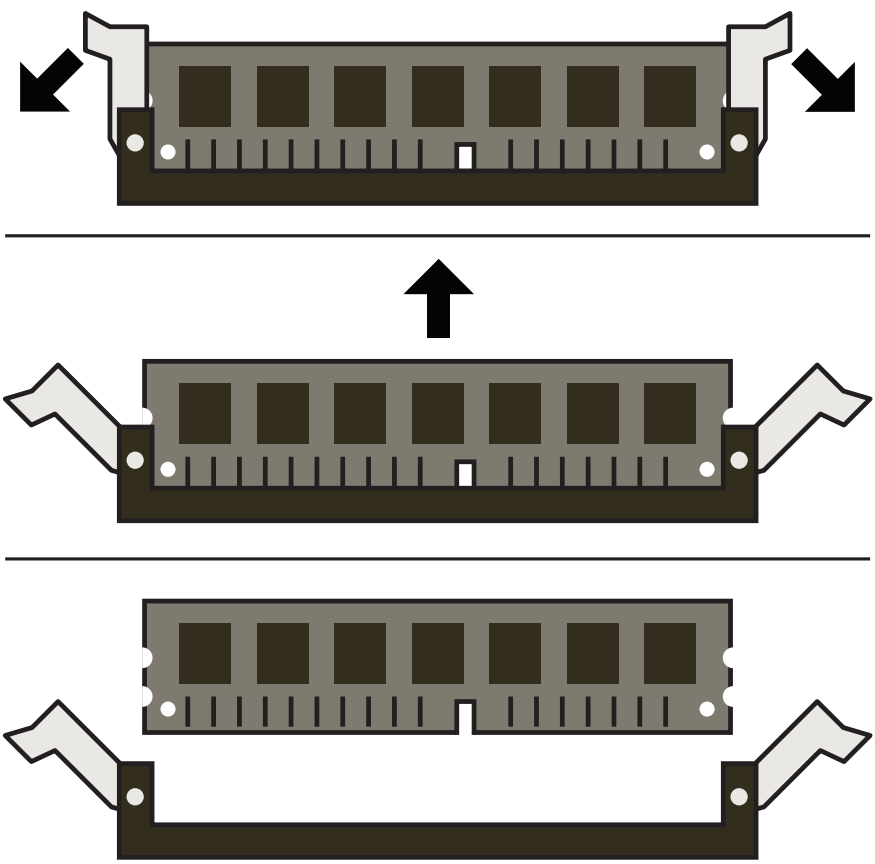

7. If necessary, add custom duct to ensure airflow is directed at the PCIe* card.

# Removing DIMMs

If returning the card for any reason, remove the installed DIMMs before shipping the card to Intel (*Figure 7*).

1. Remove the cosmetic cover from the card.
2. Unlock the retaining clip.
3. Carefully lift free from the DIMM notch.
4. Remove the DIMM.

**Figure 7** Remove memory



# For more information

For more information on Intel VCA 2 including:

- technical documents,
- compatible servers and memory, and
- latest downloads,

visit ***www.intel.com/accelerators*** and navigate to VCA.

Please ♻ recycle

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