Vertiv™ Avocent® ADX MP1000VA Management Platform Virtual Appliance
Release Notes

VERSION 3.17.9, OCTOBER 2022

Release Notes Section Outline

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1. Getting Started

The Vertiv™ Avocent® ADX MP1000VA Management Platform Virtual Appliance supports VMware vSphere Hypervisor (ESXi) 7.0 and VMware vCenter Server 7.0. Prior to deploying the virtual appliance, ensure the following hardware prerequisites are met:

- Processors equivalent to or higher than the following:
  - Intel Xeon:
    - Scalable Generation 1+ 6-Core+
    - Processor E5-1650 v4, 6C/12T @ 3.6GHz (4.0GHz)
    - Silver 4309Y, 8C/8T @ 2.8GHz (3.6GHz)
    - Launch the web SSH Viewer to SPs.
- 4x vCPU
- 16 GB memory
- 1 TB storage

Deploying the Virtual Appliance

Vertiv distributes the Vertiv™ Avocent® ADX MP1000VA Virtual Appliance as an Open Virtual Appliance (OVA) file that includes all the necessary components in a single convenient package designed for loading into the VMware vSphere and the VMware vSphere Hypervisor (ESXi). Detailed instructions on deploying your virtual appliance are available in the VMware vCenter. Visit https://www.vmware.com/products/vcenter.html and select *Access Product Documentation*.

Initial Virtual Appliance Set-Up

Initial configuration of the Vertiv™ Avocent® ADX MP1000VA Management Platform Virtual Appliance, including assigning an IP address and accessing the web user interface (UI), works the same as it does for the Vertiv™ Avocent® ADX MP1000 Management Platform appliance. Details on the initial set up process for the management platform appliance are available in the Vertiv™ Avocent® ADX MP1000 Management Platform Quick Installation Guide available at www.vertiv.com/ADX-Management-Platform under the *Documents & Download*s tab.

NOTE: If you need additional support, please contact your Vertiv Technical Support representative.

2. Appliance Firmware Version Information

APPLIANCE/PRODUCT	VERSION	FILENAME
Vertiv™ Avocent® ADX MP1000VA Management Platform Virtual Appliance	3.17.9	AvocentADXVirtualAppliance3.17.9.ova

3. New Features

The Vertiv™ Avocent® ADX MP1000VA Management Platform Virtual Appliance provides the same features available in the Vertiv™ Avocent® ADX MP1000 Management Platform, just in a virtual environment. However, prior to using the virtual appliance software, license activation is required. See the Vertiv™ Avocent® ADX MP1000 Management Platform Installer/User Guide for more information on license activation.

4. Known Issues and Limitations

- When deploying the Vertiv™ Avocent® ADX MP1000VA Management Platform Virtual Appliance on a VMware vSphere ESXi standalone server, an error occurs. Please see the next section of these release notes for a resolution to this issue.

- The Vertiv™ Avocent® ADX IPIQ IP KVM device firmware update through the web UI of the Vertiv™ Avocent® ADX MP1000VA Management Platform Virtual Appliance results in a failure. The details of the failure can be accessed from the *Administration- Firmware Updates* page.

5. Deployment Issue Resolution for VMware vSphere ESXi Standalone Servers
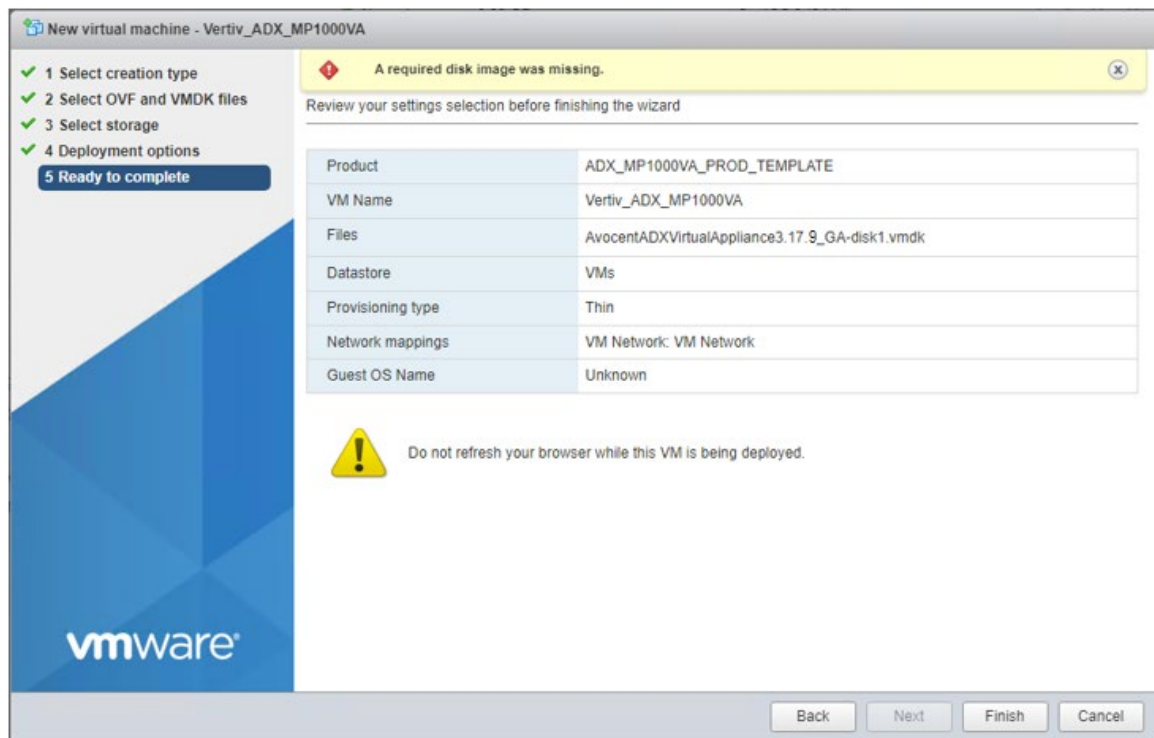
When deploying the Vertiv™ Avocent® ADX MP1000VA Management Platform Virtual Appliance on a VMware vSphere ESXi standalone server, an error occurs to indicate that a required disk image is missing.

To replicate the issue:

1. Ensure the Vertiv™ Avocent® ADX MP1000VA Management Platform Virtual Appliance Open Virtual Appliance (OVA) file is already downloaded to your local machine from the Vertiv™ Avocent® ADX MP1000 Management Platform software download page (Vertiv™ Avocent® ADX Management Platform Software Download).

2. Log into the VMware vSphere ESXi host server via the web user interface (UI), then begin to deploy the virtual appliance OVA file on a VMware vSphere ESXi standalone host until you reach the Ready to complete step in the deployment process. The error occurs here.
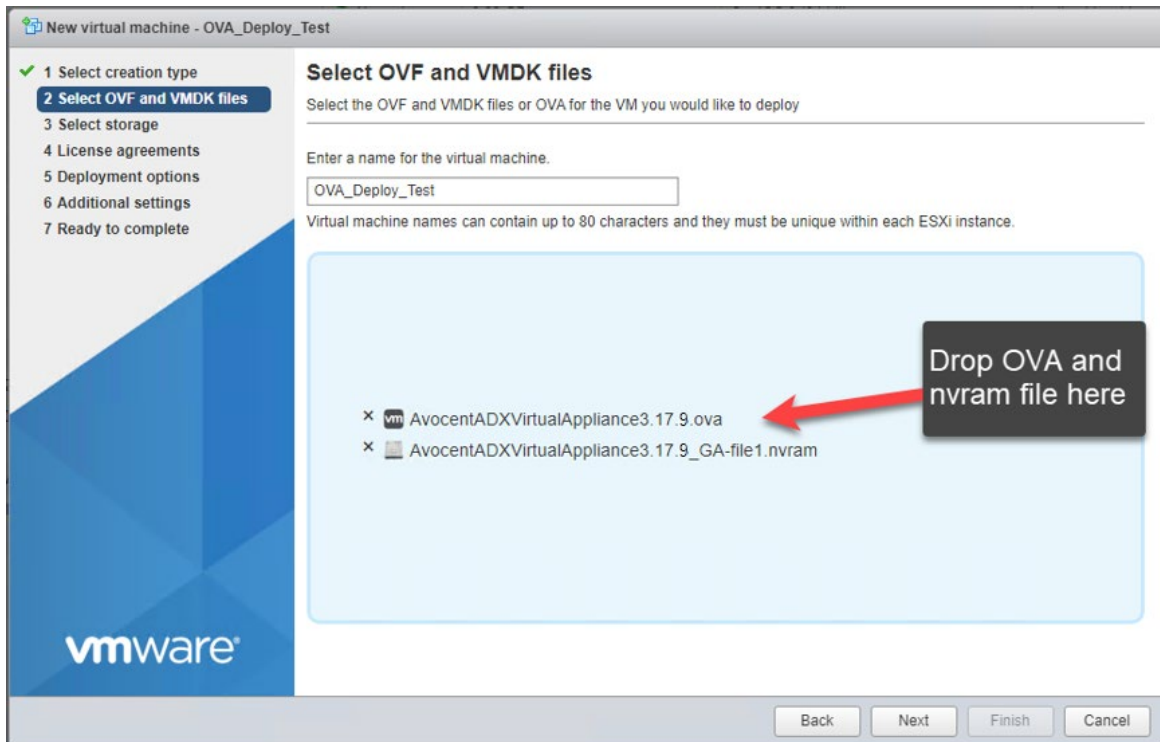
   NOTE: Deployment instructions are available in the Vertiv™ Avocent® ADX MP1000 Management Platform Installer/User Guide.

   IMPORTANT NOTE: Do not select *Finish* until the issue has been resolved.

To resolve the issue:

1. Using a TAR file extractor application (such as WinZip or 7-Zip), extract the files from the Vertiv™ Avocent® ADX MP1000VA Management Platform Virtual Appliance OVA file and place them into the same folder with the OVA file. The extracted file will be the AvocentADXVirtualAppliance<VERSION>-file1.nvram file.

2. In the deployment screen where the issue appears (shown in the previous screenshot), click *Back*.

3. Continue to click *Back* on each screen until you are back to the Select OVF and VMDK files screen.

4. Drag and drop the OVA and the .nvram files into the file selection area on the Select OVF and VMDK files screen.

5. Select *Next* and continue following each deployment step until the Finish button is enabled during the final step (Ready to complete).

   NOTE: Do not select *Finish* until all settings are verified.

6. Verify all settings are correct, then select *Finish* to complete virtual appliance deployment. This successfully deploys the .nvram file and enables the Secure Boot feature used when the virtual appliance is booted.