

# vimi Bundle Specification

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*Description:* Vimy VM bundle  
*Identifier (UTI):* co.electiclight.vimi  
*Conforms to:* com.apple.generic-bundle  
*Extensions:* vimi

Bundle format in storage consists of a minimum of four files.

*Required:*

- AuxiliaryStorage compliant with VZMacAuxiliaryStorage
- Disk.img compliant with VZDiskImageStorageDeviceAttachment; this may be an APFS sparse file
- HardwareModel compliant with VZMacHardwareModel
- MachineIdentifier compliant with VZMacMachineIdentifier

*Optional:*

- Settings.plist compliant with the property list described below
- SettingsPrevious.plist the previous Settings.plist
- \*.ipsw the IPSW image file used to create that VM.

## Settings property list

This is a PLIST conforming to Apple's DTD PLIST 1.0.

*Contents:* a single dictionary containing any of the standard key-value pairs. Key-value pairs used currently with data types:

- **numCores:** *Int* the number of CPU cores to be used by the VM
- **sizeMemory:** *UInt64* the size in GiB of memory to be allocated to the VM
- **displaySizeA:** *Int* first coordinate of the virtual display dimensions
- **displaySizeB:** *Int* second coordinate of the virtual display dimensions
- **isHiDPI:** *Int* if > 0, the virtual display is to use HiDPI when available
- **displayPpi:** *Int* the virtual display Ppi
- **shareFolders:** *Int* if > 0, the VM is to be given shared folders (see Viable documentation for full details)
- **sharedPath:** *String* the URL to the Custom shared folder to be used
- **useAutoDisplay:** *Int* if > 0, in macOS Sonoma, AutoDisplay is to be used when available
- **usePassthroughKB:** *Int* if > 0, keyboard passthrough is to be enabled when available
- **netType:** *Int* if > 65, no network to be used;  
if 65, NAT networking to be used;  
if < 65, the index in the array of available networks returned by VZBridgedNetworkInterface.networkInterfaces to be used (0-based)
- **networkAddress:** *String* the MAC network address to be used; Apple's default is d6:a7:58:8e:78:d4
- **enterRecovery:** *Int* if > 0, the VM is to enter Recovery mode when available
- **keepMachineID:** *Int* if > 0, the machine ID of the VM is to be used in another macOS VM