vSphere Solutions Manager, vServices, and ESX Agent Manager 6.7 Release Notes

vSphere ESX Agent Manager SDK 6.7 | 17 APR 2018 | Build 7970399

About the vSphere Solutions Manager, vServices, and ESX Agent Manager SDK

With vSphere Solutions, vServices, and ESX Agents you can extend the functionality of vCenter Server.

- A vSphere Solution is an object or program that you create by extending specific classes in the vSphere Web Services API. After you register your solution with the instance of the vSphere Web Services API's ExtensionManager managed object associated with your vCenter Server, you see your new solution in the Solutions Manager tab of your vSphere Web Client.
    - You can create a vService solution to provide access for a specific application to connect to a service across the network.
    - You can create an ESX Agent to extend the functions of an ESXi host and provide additional services that a vSphere solution requires.
- The vServices Manager and ESX Agent Manager are pre-built solutions that are part of the Solutions Manager functionality within the vCenter Server.
- The VMware ESX Agent Manager includes an API library that allows you to adapt and modify the ESX Agent Manager (EAM) Sample Solution and view it using the vSphere Web Client.

For more details about each of these extensibility options, see *Developing and Deploying vSphere Solutions, vServices, and ESXi Agents* for vSphere 6.7.

Requirements

These release notes apply to the vSphere 6.7 release. You should install the following software to use the 6.7 version of the vSphere Solutions Manager, vServices, and ESX Agent Manager SDK.

To use the **vSphere Solutions Manager, vServices, and ESX Agent Manager SDKs**, download and/or install:

- ESXi 6.7 | 17 APR 2018
- `com.vmware.eam.apiref.doc.jar` | API Reference
- `vsphere-vcenter-67-solutions-vservices-esxi-agent-manager-developer-guide.pdf` | Programming Guide

What's New

This release of the vSphere Solutions Manager, vServices, and ESX Agent Manager SDKs includes the following updates:

- Improved interoperability between ESX Agent Manager and vSphere Update Manager
- New APIs :
    - data object `VmHook`
    - data object `VUMIssue`
    - data object `CannotDeleteSoftware`
    - data object `CannotStageSoftware`
    - data object `VUMUnavailable`
- `dvFilter` is no longer supported
- Deprecated APIs:
    - data object `HostIssue`
    - data object `MissingDvFilterSwitch`
    - data object `OrphanedDvFilterSwitch`
    - data object `VibMatchingRule`
    - property `Agent.ConfigInfo Agent.VibMatchingRule[] vibMatchingRules`

The EAM Sample Solution is compatible with Apache Tomcat ® 8.5.5 and later and Pivotal® tc Server 3.0 and later.

For information about the integration between ESX Agent Manager and vSphere Update Manager, see the vSphere Update Manager documentation for vSphere 6.7.

Note: If vSphere Update Manager is installed on your vCenter Server instance, you must verify that the vSphere Update Manager service is started.

Known Issues

- **The Enable and Temporary Disable buttons are unavailable**
  The Enable and Temporary Disable buttons at the Configuration page of EAM Sample Solution are unavailable, because the `Agency.Enable()` and `Agency.Disable()` methods are deprecated in vSphere ESX Agent Manager API 6.5.

  Workaround: None.

- **Bundled VIBs are incompatible**

The EAM Sample Solution cannot install the bundled VIBs due to version incompatibility.

Workaround: None.

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Workaround: None.