

# VMware vCloud SDK for Java 5.1.0 Release Notes

VMware vCloud SDK for Java 5.1.0 | 10 SEP 2012 | Build 820494

This release of the SDK supports vCD 1.5 & vCD 5.1

## New Features

- SDK 5.1.0 is backward compatible with SDK 1.5.0
- Simplified methods for vAppTemplate upload/download, add/update disk, cpu & nic to vms etc.
- Simplified methods for extending sessions, retrieving vcloud token etc.
- Storage Profiles provide differentiated storage.
- Storage Independent of VM – managing disks independent of VM.
- SSO Login (SAML 2.0) – with vSphere SSO, Custom IDP
- Metadata Search – Users can search metadata information.
- Snapshot/Revert of vApp/VM
- EdgeGateway for Routed Organization Vdc Networks
- Org Network replaced with Organization Vdc Network
- Creating custom tasks and events
- More queries – Refer to QueryRecordType and QueryReferenceType enums

## New Samples

- EdgeGatewayCRUD
- BlankVMs
- GuestCustomization
- ImportVmAsvAppTemplate

- ListVimServerDetails
- NetworkPoolCRUD
- ProviderVdcCRUD
- SelfProvisioningSample
- NicCRUD
- SSOLogin
- VcloudNotification

### **Known Issues**

- SSO login functionality throws 500 Internal Server Error if the SDK code is executed from a Linux environment. If you call the VcloudClient -> ssoLogin method, the SDK throws a 500 Internal Server Error if executed from a Linux environment. To avoid this behavior, upgrade the commons-code-1.4.jar to commons-codec-1.5.jar/commons-codec-1.6.jar.