

Oracle® Virtual Desktop Infrastructure
Man Pages for Version 3.2

April 2011

ORACLE®

Copyright © 2011, Oracle and/or its affiliates. All rights reserved.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this software or related documentation is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, the following notice is applicable:

U.S. GOVERNMENT RIGHTS Programs, software, databases, and related documentation and technical data delivered to U.S. Government customers are "commercial computer software" or "commercial technical data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, duplication, disclosure, modification, and adaptation shall be subject to the restrictions and license terms set forth in the applicable Government contract, and, to the extent applicable by the terms of the Government contract, the additional rights set forth in FAR 52.227-19, Commercial Computer Software License (December 2007). Oracle USA, Inc., 500 Oracle Parkway, Redwood City, CA 94065.

This software is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications which may create a risk of personal injury. If you use this software in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure the safe use of this software. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software in dangerous applications.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners. Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark licensed through X/Open Company, Ltd.

This software and documentation may provide access to or information on content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

Man Pages (All Topics)

Contents

- [Man Page \(vda-install\)](#)
 - [Man Page \(vda-config\)](#)
 - [Man Page \(vda\)](#)
 - [Man Page \(vda-webadmin\)](#)
 - [Man Page \(vda-db-status\)](#)
 - [Man Page \(vda-service\)](#)
 - [Man Page \(vda-client\)](#)
-

Man Pages (All Topics)

Man Page (vda-install)

The `vda-install` command (`/opt/SUNWvda/sbin/vda-install`) is used for installation and un-installation of the Oracle VDI Core. To view the following man page, run:

```
% man -M /opt/SUNWvda/man vda-install
```

Man Page Output

```

Oracle Virtual Desktop Infrastructure Administration
                                vda-install(1M)

NAME
    vda-install - Oracle Virtual Desktop Infrastructure instal-
    lation tool

SYNOPSIS
    /opt/SUNWvda/sbin/vda-install [-u] [-h]

DESCRIPTION
    The vda-install command line tool will be used to install or
    uninstall Oracle Virtual Desktop Infrastructure.  If no
    OPTIONS are specified, the command will perform a full ins-
    tallation of the Oracle Virtual Desktop Infrastructure.

OPTIONS
    -u   Uninstalls Oracle Virtual Desktop Infrastructure.

    -h   Prints a usage message for this command.

EXIT STATUS
    The following exit values are returned:

    0    Success

    1    Failure

ATTRIBUTES
    See attributes(5) for descriptions of the following attri-
    butes:



| Attribute Type      | Attribute Value |
|---------------------|-----------------|
| Availability        | vda-install     |
| Interface Stability | Uncommitted     |



SEE ALSO
    vda-config(1M)

```

Man Page (vda-config)

The `vda-config` command (`/opt/SUNWvda/sbin/vda-config`) is used for configuration and un-configuration of the Oracle VDI Core. To view the following man page, run:

```
% man -M /opt/SUNWvda/man vda-config
```

Man Page Output

```
Oracle Virtual Desktop Infrastructure Administration
                                vda-config(1M)
```

NAME

```
vda-config - Oracle Virtual Desktop Infrastructure configuration tool
```

SYNOPSIS

```
/opt/SUNWvda/sbin/vda-config [-u] [-w] [-h]
```

DESCRIPTION

The vda-config command line tool will be used to configure or unconfigure the Oracle Virtual Desktop Infrastructure. If no OPTIONS are specified, the command will configure the Oracle Virtual Desktop Infrastructure.

OPTIONS

```
-u   Unconfigure Oracle Virtual Desktop Infrastructure.

-w   Configures only the web administration user interface of the Oracle Virtual Desktop Infrastructure.

-h   Prints a usage message for this command.
```

EXIT STATUS

The following exit values are returned:

```
0   Success

1   Failure
```

ATTRIBUTES

See attributes(5) for descriptions of the following attributes:

Attribute Type	Attribute Value
Availability	SUNWvda-service
Interface Stability	Uncommitted

SEE ALSO

Man Page (vda)

The vda command (/opt/SUNWvda/sbin/vda) is used for administration tasks. Nearly all administration tasks that are performed in the Oracle VDI Manager can also be performed using the vda command with the **subcommands** that are listed below.

To view the following man page, run:

```
% man -M /opt/SUNWvda/man vda
```

Man Page Output

```
Oracle VDI 3.2                                vda(1M)
```

NAME

```
vda - administer Oracle Virtual Desktop Infrastructure
```

SYNOPSIS

```
/opt/SUNWvda/sbin/vda [-? | --help]
```

```
/opt/SUNWvda/sbin/vda [-V | --version]
```

```
/opt/SUNWvda/sbin/vda <subcommand> [-? | --help]
```

```
/opt/SUNWvda/sbin/vda <subcommand> [options] [operands]
```

DESCRIPTION

The vda command may be used to administer Oracle Virtual Desktop Infrastructure. Support is included for common administration tasks such as the creation and management of desktop providers and pools of desktops, the assignment of desktops to users and groups, and monitoring the state of the virtualization platform.

In all cases, vda executes an action on a Oracle Virtual Desktop Infrastructure system object. Examples of such objects are user, group, pool, desktop etc. The action to be executed is identified by a subcommand where the subcommand name is composed of the relevant object type and the name of the action to be performed, separated by a hyphen (-).

```
/opt/SUNWvda/sbin/vda [-? | --help]
```

This command lists all the subcommands.

```
/opt/SUNWvda/sbin/vda [-V | --version]
```

This command displays the version information.

```
/opt/SUNWvda/sbin/vda <object>
```

This command lists the subcommands that apply to the specified object type.

```
/opt/SUNWvda/sbin/vda <subcommand> [-? | --help]
```

This command displays the detailed usage of the subcommand.

```
/opt/SUNWvda/sbin/vda <subcommand> [options] [operands]
```

This command executes the action specified by the subcommand, options and operands. Options and operands depend on each subcommand, the detailed description of options and operands for a subcommand can be obtained by `/opt/SUNWvda/sbin/vda <subcommand> [-? | --help]`.

Objects

user	Users and groups from the user directory
group	Local groups of users that are not pre-defined in the user directory
directory	Active Directory or LDAP server where user information is stored
token	Smart cards identifiers for users in a Sun Ray environment

pool	Collection of desktops
desktop	Desktops managed by Oracle VDI
provider	Desktop providers that encapsulate the details of the underlying virtualization technology
job	Action executed in the background
settings	Global settings that apply to the Oracle VDI system

Generic Actions

list	Lists all the objects
show	Shows the detailed properties/status of an object
setprops	Sets the properties of an object
getprops	Gets the properties of an object
add	Adds an object
create	Creates an object
remove	Removes an object
delete	Deletes an object

Example of Subcommands

user-show	Show the desktops available for a user.
group-create	Create a new local group with the specified properties.
token-setprops	Edit the properties of the token.
pool-list	List all pools.
desktop-delete	Delete the desktops.
provider-vc-create	Create a new VMware vCenter desktop provider.
provider-disable-host	Disable the hosts for the Virtual-Box or Hyper-V desktop provider. Disabled hosts are not used for automated cloning.

Refer to <http://wikis.sun.com/display/VDI3dot1/Home> for a complete list of available subcommands and their usage.

OPTIONS

The following options are supported:

`-x, --parseable`

the `-x` option displays information in a parseable format, as a list of lines of colon ':' separated fields. The `-x` option is available for the `list`, `show`, `search`, `desktops` subcommands.

EXIT STATUS

Exit Code	Status
0	Successful completion
1	An error occurred
2	Invalid command line options or arguments were specified

EXAMPLES

Example 1 Creating a Desktop Provider

The following example creates a VMware vCenter desktop provider:

```
example% /opt/SUNWvda/sbin/vda provider-vc-create -p
name="VC provider",host=my.vc.com,username=Administrator
```

The following example creates a VirtualBox desktop provider with two hosts and one storage:

```
example% /opt/SUNWvda/sbin/vda provider-vb-create -p
name="VB provider"
```

```
example% /opt/SUNWvda/sbin/vda provider-add-host -p
host=my.first.vb.com,port=443,username=root "VB provider"
```

```
example% /opt/SUNWvda/sbin/vda provider-add-host -p
host=my.second.vb.com,port=443,username=root "VB provider"
```

```
example% /opt/SUNWvda/sbin/vda provider-add-storage -p
host=my.zfs.com,username=root,zfspool=vda_zfspool "VB provider"
```

Example 2 Creating a Pool

The following example creates a pool for storing VirtualBox templates:

```
example% /opt/SUNWvda/sbin/vda pool-create -p
```

```
name="Templates",provider="VB          provider",assignment-
type=personal
```

```
example% /opt/SUNWvda/sbin/vda pool-vb-import -p vdi-
image=template.vdi,xml-configuration=golden-master.xml Tem-
plates
```

The following example creates a pool for cloning 30 desktops from VMware vCenter. First list the templates from the vCenter, and select one of them:

```
example% /opt/SUNWvda/sbin/vda provider-list-templates "VC
provider"
```

NAME	ID	PATH
XP-Template	vm-134	/Datacenters/Datacenter/vm/Templates
XPClone	vm-629	/Datacenters/Datacenter/vm/Templates

```
example% /opt/SUNWvda/sbin/vda pool-create -p name="VC
pool",provider="VC          provider",template=vm-134,preferred-
size=30,free-size=5,max-size=35,power-state=on,assignment-
type=flexible,recycle-policy=reuse,idle-timeout=2
```

```
example% /opt/SUNWvda/sbin/vda pool-start "VC pool"
```

Example 3 Configuring the User Directory

The following example configures a LDAP directory using simple authentication, the default 389 port, a fallback LDAP server, and no restriction on the base DN:

```
example% /opt/SUNWvda/sbin/vda directory-add -p name=my.ldap.com,auth-
type=simple,hosts=my.ldap.com;secondary.ldap.com,username='cn=Administrato
r,ou=people,dc=my,dc=company,dc=com'
```

The following example configures an Active Directory using Kerberos authentication:

```
example% /opt/SUNWvda/sbin/vda directory-add -p name=my.company.com,auth-
type=kerberos,addomain=my.company.com,username=Administrator
```

Example 4 Assigning Pools and Desktops to Users

The following example assigns the user "John Smith" to the pool "VC pool". Once complete, John Smith will be dynamically assigned a desktop from the VC pool each time he logs in.

```
example% /opt/SUNWvda/sbin/vda user-assign -p "VC pool"
"cn=John Smith,ou=people"
```

The following example lists the desktops in the pool "Static pool" and permanently assigns one of them to the user "Mary O'Leary". Each time Mary O'Leary logs in, she will get the same desktop.

```
example% /opt/SUNWvda/sbin/vda pool-desktops "Static pool"
```

	NAME	ID	MACHINE STATE	STATUS	DN
u=people	WindowsXP0001	80	Running	Used	cn=John Smith,o
	WindowsXP0002	81	Powered Off	Available	-

```
example% /opt/SUNWvda/sbin/vda user-assign -d WindowsXP0002
moleary
```

Example 5 Listing the Desktops and Pools Assigned to a User

The following example lists all the desktop and pools assigned to "Mary O'Leary" in the order they apply to her.

```
example% /opt/SUNWvda/sbin/vda user-show moleary
```

SEE ALSO

vda-db-status (1M), vda-service (1M)

NOTES

Find more information at
<http://wikis.sun.com/display/VDI3dot2/Home>.

Subcommand List

This is a list of subcommands of the `vda` command. To view the following list, run:

```
/opt/SUNWvda/sbin/vda --help
```

```
Oracle Virtual Desktop Infrastructure Administration

Usage: vda <subcommand>
  -, --help:          Print this help list
  -V, --version:      Display the version
User Subcommands:
  user-search:        Search for users/groups in the user directory that
                      match the specified search criteria
  user-show:          Show the desktops available for the user
  user-desktops:      Show the desktops assigned to the user
  user-assign:        Assign users to pools or desktops
  user-unassign:      Unassign users from pools or desktops. If no pool
or
                      desktop is specified, all assignments are removed
                      from the users
  user-defaultdesktop: Make the desktop the default desktop for the user
  user-personaldesktop: Make the desktop a personal desktop for the user
Custom Groups Subcommands:
  group-list:         List all custom groups
  group-create:       Create a new local group with the specified
                      properties
  group-delete:       Delete the custom group
  group-getprops:     List the properties of the custom group
  group-setprops:     Edit the properties of the custom group
  group-show:         Show the pools assigned to the custom group
  group-assign:       Assign custom groups to pools
  group-unassign:     Unassign custom groups from pools. If no pool is
                      specified, all assignments are removed from the
                      custom groups

Token Subcommands:
  token-search:       Search for tokens that match the search criteria
  token-create:       Create a new token (smart card id)
  token-remove:       Remove the specified tokens from the system
  token-getprops:     List the properties of the token
  token-setprops:     Edit the properties of the token
  token-unsetprops:   Remove the properties of the token
  token-show:         Show the desktops available for the token
  token-desktops:     Show the desktops assigned to the token
  token-assign:       Assign tokens to pools or desktops
  token-unassign:     Unassign tokens from pools or desktops. If no pool
or
                      desktop is specified, all assignments are removed
                      from the tokens

Pool Subcommands:
  pool-list:          List all pools or all pools associated with a
                      specified user directory
  pool-create:        Create a new pool with the specified properties
  pool-delete:        Delete the pools and their desktops
  pool-getprops:      List the properties of the pool
  pool-setprops:      Edit the properties of the pool
  pool-resetprops:    Reset the properties of the pool to their default
                      value
  pool-unsetprops:    Unset the properties of the pool
  pool-show:          Show detailed information about the pool
  pool-desktops:      List all desktops from the pool
  pool-templates:     List all templates from the pool. Valid only for
                      VirtualBox, VMware vCenter and Hyper-V pools.
  pool-vb-import:     Import VirtualBox desktops into the pool
  pool-vb-import-unmanaged: Import unmanaged VirtualBox desktops into the pool
  pool-vc-import:     Import VMware vCenter desktops into the pool
```

```

pool-hv-import:      Import Microsoft Hyper-V desktops into the pool
pool-pc-import:     Import a PC desktop into the pool
pool-start:         Start automatic cloning of desktops for the pools.
                    Valid only for VirtualBox, VMware vCenter and
                    Hyper-V pools.
pool-stop:          Stop automatic cloning of desktops for the pools.
                    Valid only for VirtualBox, VMware vCenter and
                    Hyper-V pools.
pool-enable:        Enable users to connect to flexible desktops from
the
                    pools
pool-disable:       Disable users from connecting to flexible desktops
                    from the pools
pool-create-sysprep: Create a Sysprep file for the pool. Valid only for
                    Oracle VDI and Hyper-V pools
pool-create-fastprep: Create FastPrep configuration for the pool. Valid
                    only for Oracle VDI and Hyper-V pools

Desktop Subcommands:
desktop-delete:     Delete the desktops. Valid only for VirtualBox,
                    VMware vCenter, Hyper-V and Generic desktops.
desktop-show:       Show detailed properties of the desktop. Valid onl
y
                    for VirtualBox, VMware vCenter, Hyper-V and
                    Microsoft Remote Desktop desktops.
desktop-getprops:   List the properties of the desktop. Valid only for
                    VirtualBox, VMware vCenter, Hyper-V and Generic
                    desktops.
desktop-setprops:   Edit the properties of the desktop. Valid only for
                    VirtualBox, VMware vCenter, Hyper-V and Generic
                    desktops.
desktop-template:   Convert the desktops to templates. Valid for
                    VirtualBox and Hyper-V desktops only
desktop-duplicate:  Duplicate the desktop. Valid for VirtualBox and
                    Hyper-V desktops only
desktop-start:      Start the desktops. Valid only for VirtualBox, VMw
are
                    vCenter and Hyper-V desktops.
desktop-stop:       Shutdown the desktops allowing the OS to save all
                    information first. Valid only for VirtualBox,
                    VMware vCenter and Hyper-V desktops.
desktop-restart:    Restart the desktops. Valid only for VirtualBox,
                    VMware vCenter and Hyper-V desktops.
desktop-suspend:    Suspend the desktops. Valid only for VirtualBox,
                    VMware vCenter and Hyper-V desktops.
desktop-logoff:     Logoff user sessions. Valid for Microsoft Remote
                    Desktop Services desktops only
desktop-disconnect: Disconnects user sessions. Valid for Microsoft Rem
ote
                    Desktop Services desktops only
desktop-mount-iso:  Mount an ISO image on the desktop. Valid only for
                    VirtualBox and Hyper-V desktops.
desktop-unmount-iso: Unmount an ISO image from the desktop. Valid only
for
                    VirtualBox and Hyper-V desktops.
desktop-activate:   Activates a defective desktop. Valid only for
                    VirtualBox, VMware vCenter and Hyper-V desktops.
desktop-export:     Exports a desktop. Valid only for VirtualBox
                    desktops.
desktop-search:     Search for a desktop or desktops.

Template Subcommands:
template-show:      Show detailed properties of the template. Valid on
ly
                    for VirtualBox and Hyper-V templates.
template-revisions: List all revisions from the template. Valid only f
or
                    VirtualBox and Hyper-V templates.
template-start:     Start the templates. Valid only for VirtualBox and
                    Hyper-V templates.
template-suspend:   Suspend the templates. Valid only for VirtualBox a
nd
                    Hyper-V templates.
template-stop:      Shutdown the templates allowing the OS to save all
                    information first. Valid only for VirtualBox and
                    Hyper-V templates.
template-restart:   Restart the templates. Valid only for VirtualBox a

```

```

nd
    template-delete:      Hyper-V templates. Delete the template with all its revisions. Valid
                          only for VirtualBox and Hyper-V templates.
    template-desktop:    Copy the template to a new desktop. Valid only for
                          VirtualBox and Hyper-V templates.
    template-revert:     Revert the template to the most recent revision.
                          Valid only for VirtualBox and Hyper-V templates.
    template-export:     Exports a template to disk. Valid only for Virtual
Box
                          templates.
    template-create:     Copy the revision to a new template. Valid only fo
r
                          VirtualBox and Hyper-V templates.
    template-getprops:   List the properties of the template. Valid only fo
r
                          VirtualBox and Hyper-V templates.
    template-setprops:   Edit the properties of the template. Valid only fo
r
                          VirtualBox and Hyper-V templates.
    template-mount-iso:  Mount an ISO image on the virtual machine. Valid o
nly
                          for VirtualBox and Hyper-V templates.
    template-unmount-iso: Unmount an ISO image from the virtual machine. Val
id
                          only for VirtualBox and Hyper-V templates.

Revision Subcommands:
    revision-show:       Show detailed properties of the revision.
    revision-create:     Create a new revision of a template.
    revision-delete:     Create a new revision of a template.
    revision-getprops:   List the properties of the revision
    revision-setprops:   Edit the properties of the revision
    revision-clone:      Create a cloned desktop from a revision in the
                          revision's pool.
    revision-desktop:    Copy the revision to a new desktop
    revision-sysprep:    Execute System Preparation for a revision.
    revision-export:     Exports a revision to disk

Desktop Provider Subcommands:
    provider-list:       List all desktop providers
    provider-vb-create:  Create a new VirtualBox desktop provider
    provider-vc-create:  Create a new VMware vCenter desktop provider
    provider-hv-create:  Create a new Microsoft Hyper-V desktop provider
    provider-ts-create:  Create a new Microsoft Remote Desktop desktop
                          provider
    provider-pc-create:  Create a new PC Desktop desktop provider
    provider-delete:     Delete the desktop providers
    provider-vb-getprops: List the properties of the VirtualBox desktop
                          provider
    provider-vb-setprops: Edit the properties of the VirtualBox desktop
                          provider
    provider-hv-getprops: List the properties of the Microsot Hyper-V deskto
p
                          provider
    provider-hv-setprops: Edit the properties of the Microsot Hyper-V deskto
p
                          provider
    provider-ts-getprops: List the properties of the Microsot Remote Desktop
                          desktop provider
    provider-ts-setprops: Edit the properties of the Microsot Remote Desktop
                          desktop provider
    provider-pc-getprops: List the properties of the PC desktop provider
    provider-pc-setprops: Edit the properties of the PC desktop provider
    provider-vc-getprops: List the properties of the VMware vCenter desktop
                          provider
    provider-vc-setprops: Edit the properties of the VMware vCenter desktop
                          provider
    provider-show:       Show detailed information about the desktop provid
er
    provider-list-hosts: List all hosts for the VirtualBox, Microsoft Hyper
-v
                          or Microsoft Remote Desktop desktop provider
    provider-add-host:   Add a host to the VirtualBox, Microsoft Hyper-V or
                          Microsoft Remote Desktop desktop provider
    provider-remove-host: Remove the hosts from the VirtualBox, Microsoft
                          Hyper-V or Microsoft Remote Desktop provider

```

provider-enable-host:	Enable the hosts for the VirtualBox or Hyper-V desktop provider. Enabled hosts are used for automated cloning
provider-disable-host:	Disable the hosts for the VirtualBox or Hyper-V desktop provider. Disabled hosts are not used for automated cloning
provider-migrate-host:	Migrates desktops off the specified host.
provider-host-getprops:	Lists the properties of the specified Host of a Desktop Provider. Valid for VirtualBox and Hyper-V
provider-host-setprops:	Update the properties of the specified Host of a Desktop Provider. Valid for VirtualBox and Hyper-V
provider-list-storage:	List all storages for the desktop provider. Valid only for VirtualBox, VMware vCenter and Hyper-V providers.
provider-add-storage:	Add a storage to a VirtualBox or Hyper-V desktop provider
provider-remove-storage:	Remove the storage from a VirtualBox or Hyper-V desktop provider
provider-enable-storage:	Enables the specified storage. Valid only for a VirtualBox or Hyper-V desktop provider
provider-disable-storage:	Disables the specified storage. Valid only for a VirtualBox or Hyper-V desktop provider
provider-suspend-storage:	Suspends the specified storage. Valid only for a VirtualBox or Hyper-V desktop provider
provider-replace-storage:	Replace a storage. Valid only for a VirtualBox or Hyper-V desktop provider
provider-storage-getprops:	Lists the properties of the specified storage of a Desktop Provider. Valid for VirtualBox and Hyper-V
provider-storage-setprops:	Update the properties of the specified Storage of a Desktop Provider. Valid for VirtualBox and Hyper-V
provider-list-templates:	List the templates for the desktop provider. Valid only for VirtualBox, VMware vCenter and Hyper-V providers.
provider-list-unmanaged-top	List the desktops that are not managed by any desktop provider. Valid only for VirtualBox, VMware vCenter and Hyper-V providers.
provider-list-networks:	List all networks for the desktop provider. Valid only for VirtualBox and Hyper-V providers.
provider-rename-network:	Renames a network for the desktop provider. Valid only for VirtualBox and Hyper-V providers.
provider-storage-orphans:	List the orphaned disks of the storage. Valid for VirtualBox and Hyper-V
provider-storage-orphan-delete:	Delete the orphaned disks. Valid for VirtualBox and Hyper-V
User Directory Subcommands:	
directory-add:	Add the user directory configuration to the system
directory-remove:	Remove the user directory configuration from the system
directory-list:	List all user directories
directory-getprops:	List the properties of the user directory
directory-setprops:	Edit the properties of the user directory
directory-show:	Show the configuration details for the user directory
Global Settings Subcommands:	
settings-getprops:	Lists global or per user directory settings
settings-setprops:	Edit global or per user directory settings
settings-resetprops:	Reset global or per user directory settings to the default value
Job Subcommands:	
job-list:	List the existing jobs
job-show:	Show the job details
job-cancel:	Cancel the specified running jobs
job-wait:	Wait until the job ends
Remote Subcommands:	
remote-access-setprops:	Enable and disable remote access and specify the listening port.
remote-access-getprops:	Displays remote access properties which include enabled state and port.
Backup Subcommands:	
backup:	Triggers a backup of the VDI System.

Each subcommand has its specific options and arguments. Specify `--help` after the subcommand name to display its usage.

Man Page (vda-webadmin)

The `vda-webadmin` command (`/opt/SUNWvda/sbin/vda-webadmin`) is used to manage the web server of the Oracle VDI Manager (Administration GUI). To view the following man page, run:

```
% man -M /opt/SUNWvda/man vda-webadmin
```

Man Page Output

```
Oracle Virtual Desktop Infrastructure Administration
                                vda-webadmin(1M)

NAME
  vda-webadmin - Oracle Virtual Desktop Infrastructure Web
  Administration tool

SYNOPSIS
  /opt/SUNWvda/sbin/vda-webadmin start

  /opt/SUNWvda/sbin/vda-webadmin stop

  /opt/SUNWvda/sbin/vda-webadmin restart

  /opt/SUNWvda/sbin/vda-webadmin status

  /opt/SUNWvda/sbin/vda-webadmin enable

  /opt/SUNWvda/sbin/vda-webadmin disable

  /opt/SUNWvda/sbin/vda-webadmin -h

DESCRIPTION
  The Oracle Virtual Desktop Infrastructure Web Administration
  tool allows administrators control and configure the broker-
  ing of desktop sessions. vda-webadmin may be used to control
  the web administration service used by the tool.

SUBCOMMANDS
  The following subcommands are supported.

  start Start the service

  stop Stop the service

  restart
    Restart the service

  status
    Query and print the service status

  enable
    Enable the service to start at system boot

  enable
    Disable the service from starting at system boot

OPTIONS
  -h Print a usage message

EXIT STATUS
```

The following exit values are returned.

0 Success

Oracle VDI 3.2 Last change: 06/24/10 1

Oracle Virtual Desktop Infrastructure Administration
vda-webadmin(1M)

non zero
Failure

ATTRIBUTES

See attributes(5) for descriptions of the following attributes:

Attribute Type	Attribute Value
Availability	SUNWvda-admin
Interface Stability	Uncommitted

SEE ALSO

```
vda-config(1M), vda-service(1M)
```

Man Page (vda-db-status)

The `vda-db-status` command (`/opt/SUNWvda/sbin/vda-db-status`) is used to check the status of the Oracle Virtual Desktop Infrastructure database. To view the following man page, run:

```
% man -M /opt/SUNWvda/man vda-db-status
```

Man Page Output

```
Oracle Virtual Desktop Infrastructure Administration
                                vda-db-status(1M)
```

NAME

```
vda-db-status - Oracle Virtual Desktop Infrastructure Ser-
vice database status tool
```

SYNOPSIS

```
/opt/SUNWvda/sbin/vda-db-status [-i] [-x] [-s] [-h]
```

DESCRIPTION

The Oracle Virtual Desktop Infrastructure Service database status tool displays information about the current database configuration and the status of the Oracle Virtual Desktop Infrastructure Service database.

OPTIONS

```
-i   Displays information about the current database confi-
     guration.

-x   Display the status without a header.

-s   Display a short version of the database status.

-h   Print a usage message
```

EXIT STATUS

The following exit values are returned.

```
0      Success

non zero
      Failure
```

ATTRIBUTES

See `attributes(5)` for descriptions of the following attributes:

Attribute Type	Attribute Value
Availability	SUNWvda-db-status
Interface Stability	Uncommitted

SEE ALSO

```
vda-config(1M), vda-service(1M)
```

Man Page (vda-service)

The `vda-service` command (`/opt/SUNWvda/sbin/vda-service`) is used for management of the Oracle VDI Core service. To view the following man page, run:

```
% man -M /opt/SUNWvda/man vda-service
```

Man Page Output

```
Oracle Virtual Desktop Infrastructure Administration
                                vda-service(1M)

NAME
    vda-service - Oracle Virtual Desktop Infrastructure Service
    administration tool

SYNOPSIS
    /opt/SUNWvda/sbin/vda-service start

    /opt/SUNWvda/sbin/vda-service stop

    /opt/SUNWvda/sbin/vda-service restart

    /opt/SUNWvda/sbin/vda-service status

    /opt/SUNWvda/sbin/vda-service -h

DESCRIPTION
    The Oracle Virtual Desktop Infrastructure Service is respon-
    sible for brokering desktop sessions on behalf of client
    applications. vda-service may be used to control the ser-
    vice.

SUBCOMMANDS
    The following subcommands are supported.

    start Start the service

    stop Stop the service

    restart
        Restart the service

    status
        Query and print the service status

OPTIONS
    -h Print a usage message

EXIT STATUS
    The following exit values are returned.

    0 Success

    non zero
        Failure

ATTRIBUTES
    See attributes(5) for descriptions of the following attri-
    butes:
```

Oracle VDI 3.2

Last change: 06/24/10

1

Oracle Virtual Desktop Infrastructure Administration

vda-service(1M)

Attribute Type	Attribute Value
Availability	SUNWvda-service
Interface Stability	Uncommitted

SEE ALSO

vda-config(1M), vda-webadmin(1M)

Man Page (vda-client)

The `vda-client` command (`/opt/SUNWvda/sbin/vda-client`) is used to manage client sessions. To view the following man page, run:

```
% man -M /opt/SUNWvda/man vda-client
```

Man Page Output

```
Oracle Virtual Desktop Infrastructure Commands      vda-client(1)
```

NAME

```
vda-client - Oracle Virtual Desktop Infrastructure client tool
```

SYNOPSIS

```
/opt/SUNWvda/lib/vda-client [-p port] [-m identifier] [-t token] [-u user] [-P pool] [-D desktop]
```

DESCRIPTION

The Oracle Virtual Desktop Infrastructure client tool may be used to retrieve the ip address of a virtual machine assigned to a given user session. If the specified assignment does not already exist, it will be created. On successful completion the ip address of the assigned virtual machine is printed to standard output.

OPTIONS

`-p port`

Specifies the port where the Oracle Virtual Desktop Infrastructure service is listening. Note: If this option is not specified, the port will be read from the file `/tmp/vdaservice.port`, which is used by the Oracle Virtual Desktop Infrastructure service to store its port number while it is running.

`-m identifier`

Specifies an identifier to be used when locating a previously assigned virtual machine or creating a new assignment. The default value is "default". This option can only be used when the user (`-u`) or token (`-t`) options have not been specified.

`-t token`

Specifies the token id to be used when querying for or starting virtual machines.

`-u user`

Specifies the username to be used when querying for or starting virtual machines, and for authentication against the Oracle Virtual Desktop Infrastructure service's User Directory. The user will be prompted to enter their password with echo off. The username may be specified in the User Principal Name format, for example `"-u johnsmith@mydomain.com"`.

`-P pool`

Specifies a preferred pool to be used when locating a previously assigned virtual machine or creating a new

assignment.

-D desktop
Specifies a preferred desktop to be used when locating

Oracle VDI 3.2 Last change: 06/24/10 1

Oracle Virtual Desktop Infrastructure Commands vda-client(1)

a previously assigned virtual machine or creating a new assignment.

EXIT STATUS

The following exit values are returned.

0 Success

non zero
Failure

ATTRIBUTES

See attributes(5) for descriptions of the following attributes:

Attribute Type	Attribute Value
Availability	SUNWvda-client
Interface Stability	Uncommitted

