



Avid NEXIS | VFS Gateway Setup and User's Guide

Version 2026.6.0

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Using This Guide

The Avid NEXIS® software-defined storage system provides a high-performance distributed file system that uses high-capacity shared media storage for workgroups of connected devices. This guide describes how to manage your storage system.

Unless noted otherwise, the material in this document applies to the Windows®, macOS®, and Linux operating systems. The majority of screen shots in this document were captured on a Windows system, but the information applies to all operating systems. Where differences exist, information on the differences is provided.

The documentation describes the features and hardware of all models. Your system might not contain certain features and hardware that are covered in this guide.

Who Should Use This Guide

This guide is intended for users who will manage the Avid NEXIS media network. You should have a basic understanding of how to use and manage the Windows, macOS, or Linux operating system, and you should be familiar with basic workgroup and network concepts.

Revision History

 *The VFS Gateway application version is always the same as the Avid NEXIS version because they are bundled into the same installation kit, even if no changes were made in the Gateway application itself. Changes specific to this application are noted.*

Date	Version	Description of Changes
June 30, 2026	2026.6.0	Initial release of Avid NEXIS VFS Gateway for Rocky Linux. Removed CentOS procedures.

Symbols and Conventions

Avid documentation uses the following symbols and conventions:

Symbol or Convention	Meaning or Action
	A note provides important related information, reminders, recommendations, and strong suggestions.
	A caution means that a specific action you take could cause harm to your computer or cause you to lose data.
	A warning describes an action that could cause you physical harm. Follow the guidelines in this document or on the unit itself when handling electrical equipment.
	A user tip provides a helpful hint that can aid users in getting the most from their system.
	A shortcut shows the user keyboard or mouse shortcuts for a procedure or command.
>	This symbol indicates menu commands (and subcommands) in the order you select them. For example, File > Import means to open the File menu and then select the Import command.
	This symbol indicates a single-step procedure. Multiple arrows in a list indicate that you perform one of the actions listed.
(Windows), (Windows only), (macOS), or (macOS only)	This text indicates that the information applies only to the specified operating system, either Windows or macOS.
Bold font	Bold font is primarily used in task instructions to identify user interface items and keyboard sequences.
<i>Italic font</i>	Italic font is used to emphasize certain words and to indicate variables.
Courier Bold font	Courier Bold font identifies text that you type.
Ctrl+key or mouse action	Press and hold the first key while you press the last key or perform the mouse action. For example, Command+Option+C or Ctrl+drag.
	The pipe character is used in some Avid product names, such as MediaCentral Cloud UX. In this document, the pipe is used in product names when they are in headings or at their first use in text.

If You Need Help

If you are having trouble using your Avid product:

1. Retry the action, carefully following the instructions given for that task in this guide. It is especially important to check each step of your workflow.
2. Check the latest information that might have become available after the documentation was published. Always check online for the most up-to-date release notes or ReadMe because the online version is updated whenever new information becomes available. To view the online version, visit the [Avid NEXIS Documentation](#) available on the Avid Knowledge Base.
3. Check the documentation that came with your Avid application or your hardware for maintenance or hardware-related issues.

4. Visit the Avid Online Support at www.avid.com/support. Online services are available 24 hours per day, 7 days per week. Search the Knowledge Base to find answers, to view error messages, to access troubleshooting tips, to download upgrades, and to read or join online message-board discussions.

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1 Avid NEXIS | VFS Gateway Overview and Installation

This chapter describes the Avid NEXIS | VFS Gateway operation and includes the steps to install a new configuration on Rocky Linux.



Starting with Avid NEXIS 2026.6.0, CentOS is no longer supported for Avid NEXIS | VFS Gateway. Customers are advised to transition to Rocky Linux 9.6 and later. However, no migration tool is available to move configurations from a CentOS-based VFS Gateway system to Rocky Linux. Customers must deploy a new VFS Gateway system when moving to Rocky Linux.



Avid NEXIS | VFS Gateway on Rocky Linux is supported only with Avid NEXIS 2026.6.0 and later.

The resources and network requirements specified in this document are applicable for deploying the Avid NEXIS | VFS Gateway on both virtual machines and physical servers.

Overview and Operation

Avid NEXIS | VFS Gateway is a Linux-based application that you can deploy on a physical server or in a Rocky Linux Virtual Machine (VM) environment. It enables network users to access Avid NEXIS Workspaces in a non-realtime scenario.

The VFS Gateway acts as an intermediary between Avid NEXIS Workspaces and computers that cannot use the Avid NEXIS Client Manager; for example, on unsupported devices, or those running unsupported operating systems, or those that rarely attach and do not warrant the overhead of installing and configuring the Client.

As the administrator of the VFS Gateway system, you connect an Avid NEXIS system and share the Workspaces the users need to access. Users then connect to the Workspaces by mapping a network drive to the shared Workspace name through a CIFS share.

Depending on the users' access permission, they can read, write, and delete files on Workspaces without using the Avid NEXIS client software.

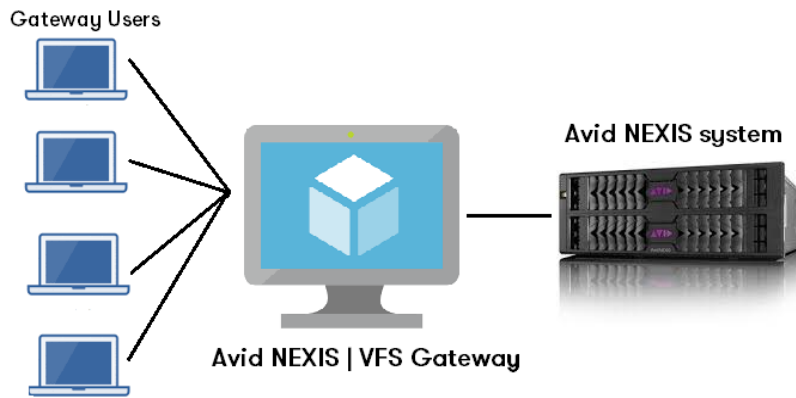
Any client operating system that supports Server Message Block Version 3 (SMBv3) can connect to an Avid NEXIS | VFS Gateway shared Workspace.

An Avid NEXIS | VFS Gateway can connect to only one Avid NEXIS system. However, you can configure multiple VMs running the VFS Gateway software that all connect to the same Avid NEXIS to improve performance and support large numbers of users connecting to shared Workspaces.

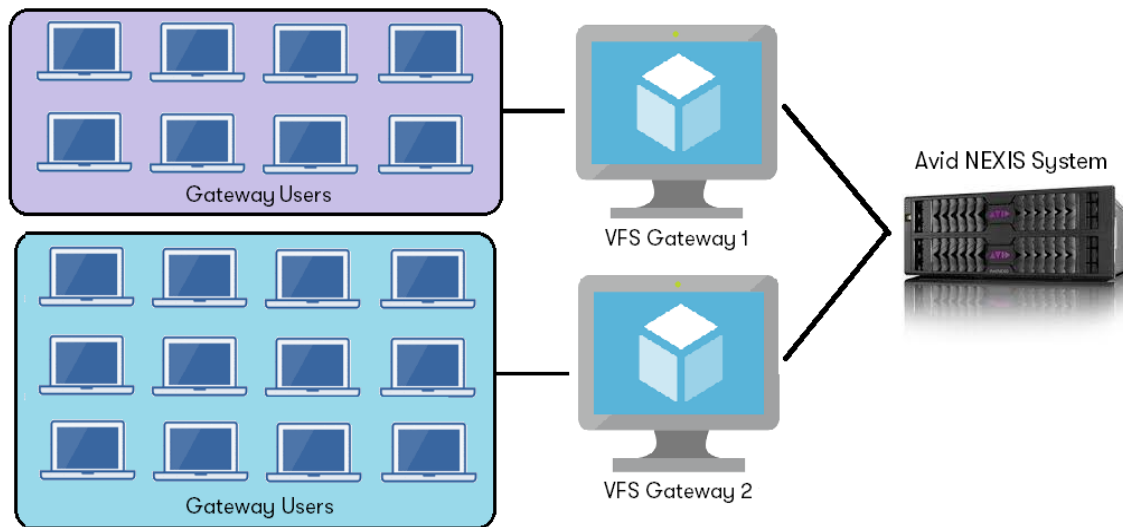
Note the following:

- One VFS Gateway connection is counted as one client connection to the Avid NEXIS system.
- Each VFS Gateway connection counts against the maximum number of client connections supported by your system; see the *Avid NEXIS ReadMe* for more information.
- SMB connections (from clients to the VFS Gateway) do not count against the client connection limit.
- The number of SMB connections depends on the resources available on the VFS Gateway server. Each SMB connection uses CPU, RAM, and networking resources.

One VFS Gateway (with multiple Clients) to Avid NEXIS



Multiple VFS Gateways (with multiple Clients) to Avid NEXIS



Deploying a VFS Gateway System

Deploying a new Avid NEXIS | VFS Gateway system involves the following steps:

1. Reviewing the ["Prerequisites for New Deployment"](#) on the next page and ["Preparing the Environment"](#) on page 11
2. ["Creating and Configuring a Virtual Machine"](#) on page 11
3. ["Installing Rocky Linux"](#) on page 12
4. ["Applying an SSL Certificate"](#) on page 16
5. ["Installing the Avid Software on the Server or Rocky Linux VM"](#) on page 17
6. ["Configuring DNS and Joining the AD Domain"](#) on page 19
7. ["Activating the VFS Gateway License"](#) on page 21
8. ["Changing the VFS Gateway Administrator Credentials"](#) on page 23

Prerequisites for New Deployment

Install Avid NEXIS | VFS Gateway on any server hardware. Servers with single and dual 1GbE and 10GbE NICs are supported.

You will need the following applications, software and tools to successfully deploy an instance of Avid NEXIS | VFS Gateway on a server or in a virtual machine:

Application, Software or Tool	Description
Virtual machine application (VM deployments only)	Oracle VirtualBox, VMware ESXi, VMware Workstation Player, VMware Workstation Pro, etc.
CPU cores	2 minimum, 4 recommended
Memory	4GB minimum, 16GB recommended
Disk space	100GB
Network interface	1Gbps minimum, 10Gbps recommended
Rocky Linux in DVD ISO format ^a	Operating system to be installed on the server or in the VFS Gateway VM Download from Rocky Linux website.
SSL Certificate	Enables secure HTTPS connections for both hostname and IP address. • A certificate file (can have the extension .crt, .cert, or .pem) • A key file (typically with the extension .key)
Avid NEXIS Client software kit for Rocky Linux ^b	The Avid NEXIS Client software enables connections from VFS Gateway clients to the shared Workspaces. Download from your Avid Master Account or from a local Avid NEXIS. File name: AvidNEXISClient_for_el9.RockyLinux_n.0.0-nnnnnn.bin
Avid NEXIS VFS Gateway software ^c	Software that enables sharing Avid NEXIS Workspaces to clients Download from your Avid Master Account or from a local Avid NEXIS. File name: AvidNEXISVFSGateway_for_el9.RockyLinux_n.0.0-nnnnnn.bin
Avid NEXIS VFS Gateway license activation code	Download the license from your Avid Master Account.  <i>For customers moving from CentOS, request a new perpetual license from Avid for use with Rocky Linux. Licenses previously used for VFS Gateway on CentOS will be retired. When submitting your request, provide the current System ID to obtain the new license.</i>
WinSCP (Windows only) or FileZilla (Windows, macOS, Linux)	File upload utility to copy the binary files to the Avid NEXIS VFS Gateway VM
PuTTY or Windows Terminal for Windows, or SSH terminal for macOS or Linux	Utility for accessing the VM for Avid NEXIS VFS Gateway installation

a. See the Avid NEXIS ReadMe for the currently supported version of Rocky Linux with Avid NEXIS | VFS Gateway.

- b. Always use the current Avid NEXIS Client version; see the Avid NEXIS ReadMe for more information.
- c. Always use the latest Avid NEXIS | VFS Gateway version; see the Avid NEXIS ReadMe for more information.

Preparing the Environment

Download and install the tools and software necessary to deploy a server or virtual machine in your environment. This system will host the Avid NEXIS | VFS Gateway. Refer to the table in ["Prerequisites for New Deployment" on the previous page](#) for the download locations.

To prepare for the virtual machine creation and software installation:

1. Download and install a virtual machine application (for example, VMWare Workstation, Oracle VirtualBox, etc.)
2. Download Rocky Linux version 9.7 in DVD ISO format from <https://rockylinux.org/download>.
3. Download the Avid NEXIS Client software for Rocky Linux and Avid NEXIS | VFS Gateway software from your Avid Master Account or from a local Avid NEXIS. See ["Prerequisites for New Deployment" on the previous page](#) for file names and supported versions.
4. Download and install WinSCP from <https://winscp.net/eng/download.php> or FileZilla from <https://filezilla-project.org/download.php>.
5. Download and install the 64-bit PuTTY application from <https://www.putty.org/>. You may also use the built-in Terminal on your machine or any other SSH client.
6. Generate an SSL certificate and private key. See ["Applying an SSL Certificate" on page 16](#) for the certificate requirements.
7. Make sure the Avid NEXIS system and the VFS Gateway system are synchronized with a common time-of-day. For information on setting the Network Time Protocol (NTP), see your Avid Administrator.
8. Download the license from your Avid Master Account.



For customers moving from CentOS, request a new perpetual license from Avid for use with Rocky Linux. Licenses previously used for VFS Gateway on CentOS will be retired. When submitting your request, provide the current System ID to obtain the new license.

Creating and Configuring a Virtual Machine

Avid NEXIS | VFS Gateway software runs inside a Rocky Linux-based virtual machine that you configure in your environment.



This guide outlines the steps for creating and configuring a virtual machine using Oracle VirtualBox on Windows. The steps may vary depending on the virtual machine application you use.

To create and configure a virtual machine:

1. Launch Oracle VirtualBox.
2. Click "New" to create a new virtual machine.



If you are using VMWare Workstation, do not install the Rocky Linux kit during the VM creation. Choose the option to install the OS later, after the VM is created.

3. Specify the Virtual Machine Name and Operating System.

- a. Enter a name in the VM Name field.
- b. In the ISO Image field, specify the location where you saved the Rocky Linux DVD ISO image file. VirtualBox will detect the OS type and version automatically.
- c. Select "Skip Unattended Installation" box to manually install and configure the OS. If you leave this option unselected, you will be prompted to enter the information required for OS installation, and the system will proceed with automated setup.



In newer versions of VirtualBox, this option is available as "Proceed with Unattended Installation". If selected, provide the required information in the next steps to enable automated installation. If unselected, you will must install and configure the OS manually.

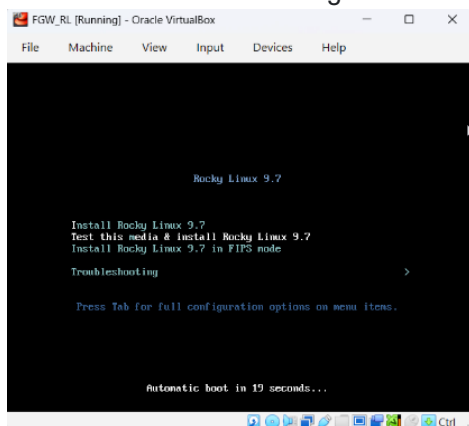
4. Specify the Virtual Hardware.
 - a. Base Memory: 4GB or higher
 - b. Number of CPUs: 2 minimum, 4 recommended
5. Create a Virtual Hard Disk.
 - a. Disk size: 100GB or more
6. Review your settings and click Finish.
The created VM will appear in the machine list of the VirtualBox Manager window.
7. Click Settings and go to Expert mode.
8. Click Network.
 - a. Enable at least one Adapter
 - b. Select "Bridged Adapter" in the Attached to drop down menu.
 - c. Leave the other settings as default and click OK.

Installing Rocky Linux

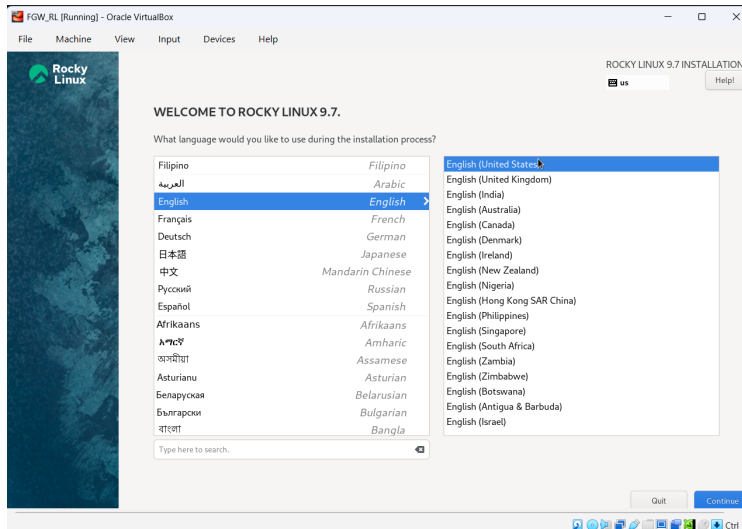
When the server or VM is created and configured, install the Rocky Linux DVD ISO binary file you downloaded previously.

To install Rocky Linux on a server or in a VM:

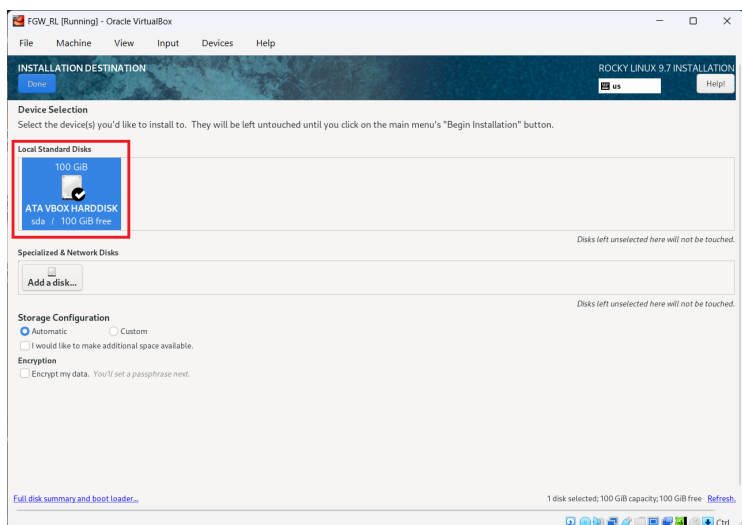
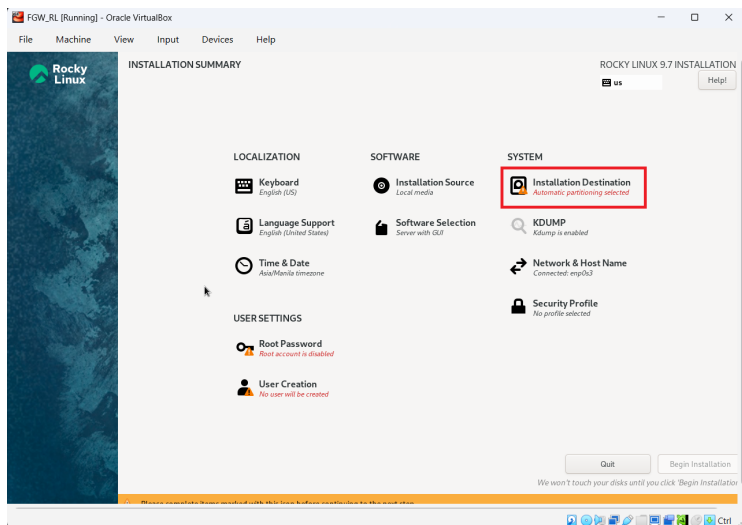
1. Start (power on) the VM.
2. Press Enter to install Rocky Linux.



3. At the "Welcome to Rocky Linux 9.7" screen, select English, then click Continue.



4. Under System, click “Installation Destination”
 - a. Under Local Standard Disks select “ATA VBOX HARDDISK sda 100 GiB”.
 - b. Click Done.



5. Click "Network & Hostname", then do the following:

- a. Enable the default Ethernet.
- b. (Optional) Click "Configure" to assign a static IP address for the VM.
Change the method from Automatic (DHCP) to Manual and edit the IPv4 Settings.

 *Avid recommends assigning a static IP address for the VM whenever possible, as using DHCP can cause connection issues with the remote LDAP server. If a static IP address cannot be assigned, ask your IT administrator to configure a DHCP reservation so the VM receives the same IP address each time.*

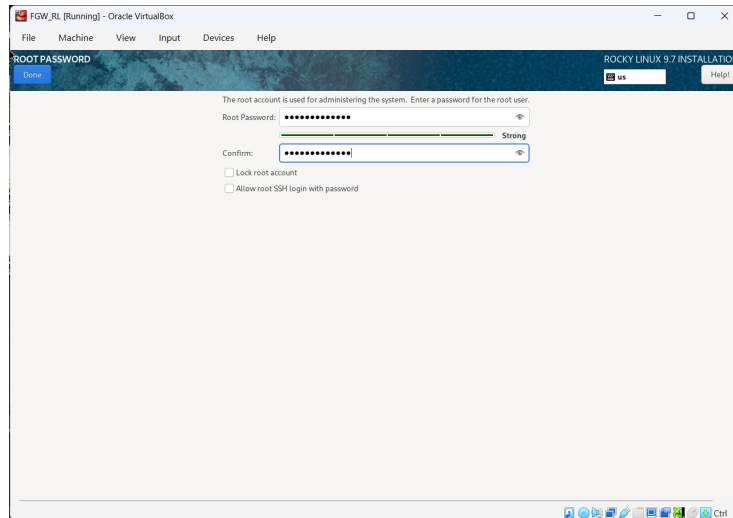
- c. Enter a server or VM host name that is unique within your environment.

- d. Click Apply, then click Done.
6. Under User Settings, click "Root Password".

- a. Assign a root password.

 Root SSH login with a password is disabled by default for security reasons. Selecting this option allows you to connect as root user over SSH but is considered risky. Avid recommends disabling direct root SSH access and using a standard user account with sudo privileges.

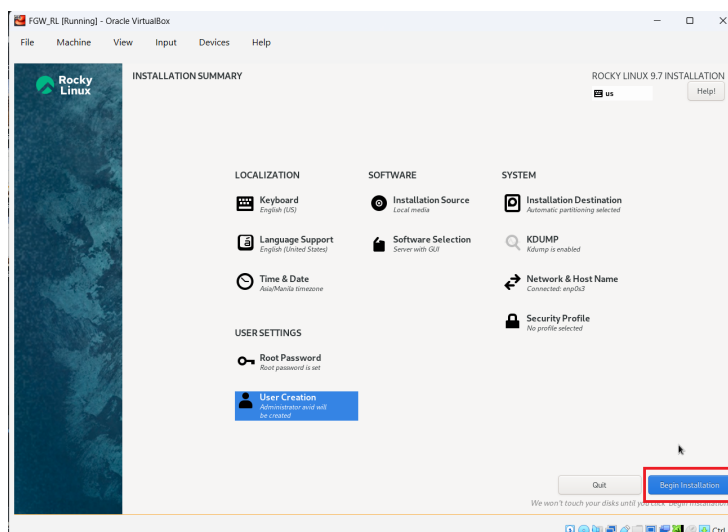
 Note down this root password for logging in with full administrative privileges.



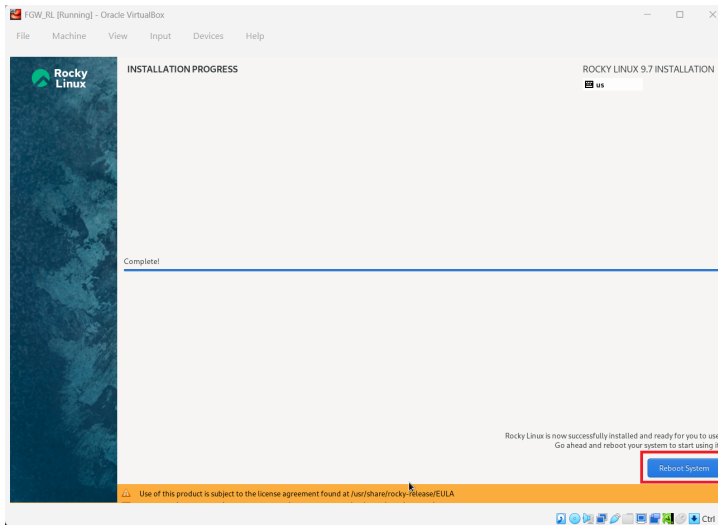
- b. Click Done.
7. Click "User Creation" to add another user.
 - a. Select "Make this user administrator"
 - b. Select "Require a password to use this account"

 Note down the username and password. You will use it to log in, transfer files, and connect over SSH.

8. Click Begin Installation.



9. Wait for the installation to complete and click Reboot System.



Verifying the virtual machine IP address

After reboot, verify the virtual machine IP address that you will use for file transfers and SSH access.

To identify the VM IP address:

1. Log in to the Rocky Linux VM.
 - ▶ Log in using the user account and password you created during configuration.
 - ▶ If you did not create a user, click the "Start setup" to create one.
2. Open the Terminal.
3. Type `ip a` to display network interface information.

```
[user1@avidfgw ~]$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:7a:3d:70 brd ff:ff:ff:ff:ff:ff
    inet 192.168.100.255/24 brd 192.168.100.255 scope global dynamic noprefixroute enp0s3
        valid_lft 86364sec preferred_lft 86364sec
    inet6 fe80::a00:27ff:fe7a:3d70/64 scope link noprefixroute
        valid_lft forever preferred_lft forever
[user1@avidfgw ~]$
```

 *Note this VM IP address. Use it for file transfers and SSH access.*

Applying an SSL Certificate

To enable secure HTTPS connections, an SSL certificate must be added to the system before installing the Avid software.

This procedure applies when setting up the certificate for the first time on a newly deployed system. If you need to update an existing certificate, refer to ["Updating or Adding Certificates \(Post VFS Gateway Installation\)"](#) on the next page.

Certificate Requirements

Avid recommends the following when generating your SSL certificate:

- a. The certificate and private key files must be unencrypted.
- b. Use the hostname as the Common Name (CN)
- c. Include both the hostname and IP address in the Subject Alternate Name (SAN) list:
 - Hostname as DNS type
 - IP as IP address type
- d. Certificate naming should be as follows:
 - Certificate file: fgwservice.pem
 - Private key file: fgwservice.key

Adding the Certificate

When you receive your certificate and private key, place them in the following directories:

- Certificate file to /etc/pki/tls/certs
- Private key to /etc/pki/tls/private

 **If the certificate and key are invalid or not located in these directories, the VFS Gateway will fail to start, and errors will appear in the logs.**

Updating or Adding Certificates (Post VFS Gateway Installation)

For initial installation, the certificate should be placed in the specified directories prior to installing the Avid NEXIS | VFS Gateway. If the certificate and key are not installed beforehand, or if they need to be updated at a later time, perform the following steps.

To update a certificate:

1. Copy the certificate and key files to the directories listed above. See ["Adding the Certificate"](#) above
2. Restart the VFS Gateway service.

```
sudo systemctl restart fgwservice
```

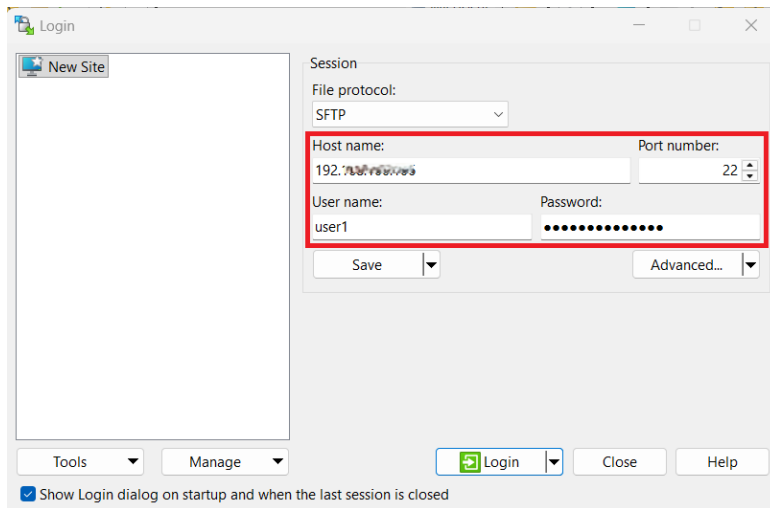
Installing the Avid Software on the Server or Rocky Linux VM

The Avid Client Manager software and Avid NEXIS | VFS Gateway software are included in the Avid NEXIS software kit, which you can download from your Avid Master account or from an Avid NEXIS system that includes it. See ["Prerequisites for New Deployment"](#) on page 10. This procedure assumes you have already downloaded the kits.

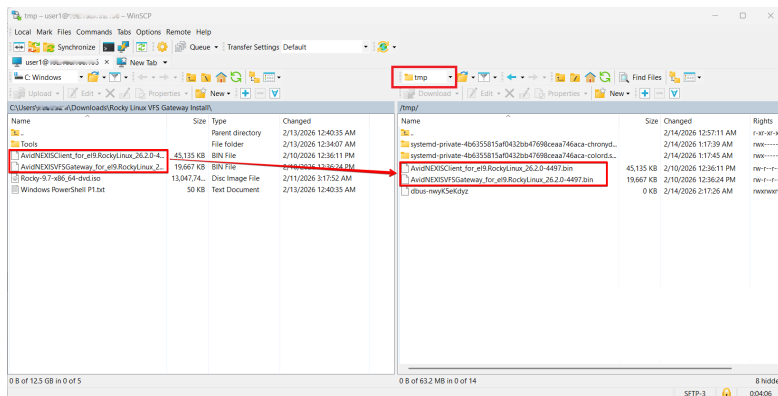
 **Install the Avid NEXIS Client software first, then install the VFS Gateway software. The VFS Gateway installation depends on the presence of the Avid NEXIS Client.**

To install the client and VFS Gateway software on the VFS Gateway server or VM:

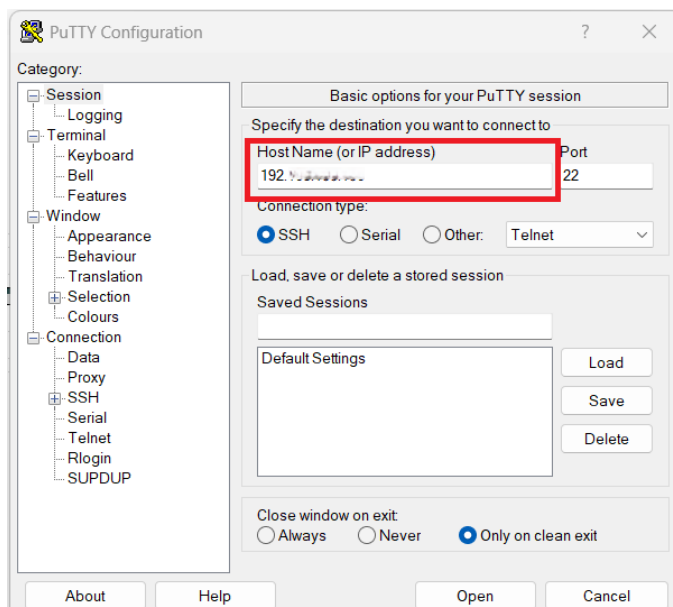
1. Start a file transfer application such as WinSCP or FileZilla and connect to the VM IP address, logging in using the user account and password you configured previously.



2. Copy the Avid NEXIS Client bin file and the Avid NEXIS | VFS Gateway bin file to the tmp directory:



3. Open an SSH terminal session (such as PuTTY on a Windows client) and log into the VFS Gateway system or VM with the same user name and password as in previous steps.



4. Change directory to `tmp`. Type:

```
cd /tmp
```

5. Make the Avid NEXIS Client binary file executable:

```
chmod +x AvidNEXISClient_for_el9.RockyLinux_n.0.0-nnnnnn.bin
```

6. Make the Avid NEXIS | VFS Gateway binary file executable:

```
chmod +x AvidNEXISVFSGateway_for_el9.RockyLinux_n.0.0-nnnnnn.bin
```

7. Run (execute) the Avid NEXIS Client installer:

```
sudo ./AvidNEXISClient_for_el9.RockyLinux_n.0.0-nnnnnn.bin
```

- a. If you encounter the error "<package name>: command not found" when installing the Avid NEXIS Client, install the required package by running:

```
sudo dnf install -y <package name>
```



Replace **<package name>** with the name of the missing package indicated in the error message.

8. Run (execute) the Avid NEXIS | VFS Gateway installer:

```
sudo ./AvidNEXISVFSGateway_for_el9.RockyLinux_n.0.0-nnnnnn.bin
```

- a. If you encounter the error "<package name>: command not found" when installing the Avid NEXIS VFS Gateway, install the required package by running:

```
sudo dnf install -y <package name>
```



Replace **<package name>** with the name of the missing package indicated in the error message.

9. Reboot the server or VM.

```
sudo reboot
```

Configuring DNS and Joining the AD Domain

Configuring DNS involves adding the virtual machine to the `/etc/hosts` to prevent name resolution failures or delays, and configuring the system DNS resolver to use Active Directory (AD) DNS server, which is necessary if you plan to import LDAP users from an Active Directory service in your environment.

To configure DNS and join the AD domain:

1. Turn on the server or power on (play) the VM.
2. Log in to the system using the user account and password.
3. Run the command `ip a` to verify the VM IP address for the Avid NEXIS | VFS Gateway.

```
[user1@avidfgw ~]$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:7a:3d:70 brd ff:ff:ff:ff:ff:ff
    inet 192.168.100.255/24 brd 192.168.100.255 scope global dynamic noprefixroute enp0s3
        valid_lft 86364sec preferred_lft 86364sec
    inet6 fe80::a00:27ff:fe7a:3d70/64 scope link noprefixroute
        valid_lft forever preferred_lft forever
[user1@avidfgw ~]$
```

4. Verify the short hostname. Run the command:

```
hostname --short
```

5. Verify the full hostname. Run the command:

```
hostname -f
```



The result includes the domain name, if one is configured. If the domain part is not set up in /etc/hosts or DNS, `hostname -f` may just return the short hostname.

6. Switch to root user. Run the command:

```
sudo su
```

7. Add the VM IP address, the full hostname, and the hostname to the /etc/hosts file as follows:

```
echo "<IPaddress> <FullHostname> <ShortHostname>" >> /etc/hosts
```

For example:

```
echo "192.0.2.24 myvmhostname.example.com myvmhostname" >> /etc/hosts
```

8. For remote Identity Provider configuration (if applicable):

The Avid NEXIS | VFS Gateway installer overwrites system configuration to use Local Identity Provider by default, make sure VFS Gateway is already installed before joining the AD domain.

- a. Ask your IT Administrator to add your Rocky Linux VM to Active Directory. Ask about AD Domain name and IP address as well as your AD Domain user credentials.
- b. Run `nmcli con show` to identify the VM connection name.

NAME	UUID	TYPE	DEVICE
ens34	f26ed1ab-9853-306e-b636-1334db3217b4	ethernet	ens34
lo	e1920249-d01b-44ac-b892-13120c4edb65	loopback	lo

- c. Verify the DNS configuration of your Linux system by running:

```
cat /etc/resolv.conf
```



This shows you the AD Domain name and AD DNS server IP addresses.

- d. Configure the system DNS resolver to use Active Directory (AD) DNS server IP. Run the commands:

```
nmcli con mod "<VM connection name>" ipv4.dns "<AD DNS Server IP address>"
```

```
nmcli con up "<VM connection name>"
```

```
[root@avidfgw user1]# nmcli con mod "ens34" ipv4.dns "10.000.000.3"
[root@avidfgw user1]# nmcli con up "ens34"
Connection successfully activated (D-Bus active path: /org/freedesktop/NetworkManager/ActiveConnection/3)
```



Add `sudo` before the command if you're not logged in as the root user.

- e. Join the Rocky Linux VM to Active Directory (AD) domain.

```
realm join --membership-software=samba --user=<AD Domain Username>@<AD DOMAIN NAME> <AD DOMAIN NAME>
```



The domain name must be in uppercase.



Add `sudo` before the command if you're not logged in as the root user.

For example:

```
realm join --membership-software=samba --
user=administrator@DOMAIN.EXAMPLE DOMAIN.EXAMPLE
```

- f. Enter the AD Domain user password.
- g. After joining the AD domain, verify if the VM is joined to the AD domain.

realm list

```
[root@avidfgw user1]# realm join --membership-software=samba --user='admin@avidfgw' --password=
Password for admin@avidfgw:
[root@avidfgw user1]# realm list
type: kerberos
realm-name: AVIDFGW
domain-name: avidfgw
configured: kerberos-member
server-software: active-directory
client-software: sssd
required-package: oddjob
required-package: oddjob-mkhomedir
required-package: sssd
required-package: adcli
required-package: samba-common-tools
login-formats: %U@avidfgw
login-policy: allow-realm-logins
[root@avidfgw user1]#
```

9. Reboot the server or VM.

reboot



*Add **sudo** before the command if you're not logged in as the root user.*

Activating the VFS Gateway License

When you log into a new (unactivated) Avid NEXIS | VFS Gateway, the License tab is displayed. You must activate the license before the other tabs become active. This procedure assumes that you have received a new perpetual license from Avid for use with Rocky Linux.

You can activate the license online through an Internet connection (direct activation), or offline (indirect activation).

To use direct activation:

1. Open a browser and enter the IP address of the VFS Gateway server or VM.
2. Log in to the Avid NEXIS | VFS Gateway as the administrator.
Use the following credentials for new activations:
 - Default user name: **fgw-admin**
 - Default password: **Admin#19**
3. On the License page, select the Online activation method from the drop-down list.
4. Enter the Activation ID and System ID, and click Activate.

If successful, the license information is shown in the Status fields, and you see a success message.

Status	
Status	LICENSE ACTIVE
Device ID	6277020000000000000094
Activation ID	FG800000000000000000HE
System ID	10100000000000000090
Expiration time	07/01/2026 11:59:59 PM

 The System ID field must display a valid System ID number, not "Unknown".

5. You must log out and then log back in for the license to be activated. When you log in again, the other tabs in the VFS Gateway application are now available.

To use indirect activation:

1. Log in to the Avid NEXIS | VFS Gateway as the administrator.

Use the following credentials for new activations:

- Default user name: fgw-admin
- Default password: Admin#19

The License tab is displayed, and is the only tab available until the license is activated.

2. Copy the Device ID.
3. On a computer with Internet access, go to <https://my.avid.com/products/indirectactivation>.
4. Enter your Activation ID. If valid, the screen displays the Device ID and System ID fields.
5. Enter your Device ID (copied in step 2), System ID, and email address and click Submit.

 *Entering your email address is recommended so you receive the license file, in case your Internet connection is interrupted before you can download it.*

Software License Activation

Activate your Avid software products or optional feature.

Please enter the following information. * Required

Activation ID *

Device ID *

System ID *

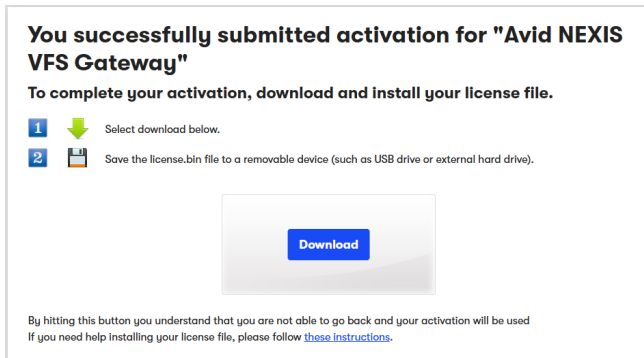
Email Address

Email is an optional field, however we recommend you provide an email so we can also send you the software license file.

We use personal information collected on this page in accordance with our [Privacy Policy](#).

Continue

6. Wait a few minutes for the license file to become available.
7. Click Download to retrieve the file. Download it to a location accessible to the Avid NEXIS | VFS Gateway (either by saving to a USB drive or copying to a shared network folder).



8. On the License page, select the Offline activation method from the drop-down list.
9. Enter the Activation ID and System ID.
10. Browse to the location of the downloaded activation file, and click Activate.
11. You must log out and then log back in for the license to be activated. When you log in again, if the activation was successful, the license information is shown in the Status fields, and you see a success message. The other tabs in the VFS Gateway application are now available.

Changing the VFS Gateway Administrator Credentials

Immediately after you activate the license, Avid strongly recommends you change the factory-default VFS Gateway administrator name and password.

To change the VFS Gateway administrator and password:

1. Click the Credentials tab.
2. Enter a new administrator name and password.
A tool tip describes the password criteria, including length and types of characters the password must contain.
3. Enter the new password again to confirm it.
4. Click Submit.
5. Continue with ["Configuring Avid NEXIS | VFS Gateway" on page 25.](#)

Deactivating a License

If you activated the license online, you can deactivate it and reuse it if you need to delete and re-create your VM. To reuse a deactivated license, the new or modified server or VM must have the same Device ID as before.

If you activated the license offline, and later deactivate it, you will need a new license to reactivate the Avid NEXIS | VFS Gateway.



The Avid NEXIS | VFS Gateway must be connected to the Internet to deactivate a license, regardless of how it was activated initially.

To deactivate a License:

1. Click the License tab.
2. Click Deactivate.
3. At the warning message, click OK to continue.
The license is deactivated and you must log out.

You must activate the same or a new license to resume using the VFS Gateway. If reusing the same license, all the shared workspaces, users, and Identity Manager settings remain intact from the previous activation.

Uninstalling a VFS Gateway System

To uninstall the VFS Gateway and Client software:

1. Open an SSH terminal session and log into the VFS Gateway with the username and password.
2. Run the uninstall command:
 - ▶ To uninstall VFS Gateway only
`sudo avid-nexis-uninstaller --fgw-only`
 - ▶ To uninstall both VFS Gateway and Client
`sudo avid-nexis-uninstaller`
3. Reboot the server or VM.

2 Configuring Avid NEXIS | VFS Gateway

This chapter describes how to navigate and configure the Avid NEXIS | VFS Gateway, which includes the following operations:

- Determining whether the users will be local or remote. You can choose only one option:
 - Local (default) — You create users manually, and they are authenticated through the Avid NEXIS | VFS Gateway system.
 - Remote — Users are created, managed and authenticated through a remote service, such as an LDAP server. You import users from the list configured as part of the LDAP service. **The VFS Gateway must have network access to the LDAP server, such as through a LAN inside your facility firewall.**
- Connecting to an Avid NEXIS system and sharing Workspaces
- Applying the appropriate permissions for users to access the shared Workspaces

Navigating the Avid NEXIS | VFS Gateway Console

The VFS Gateway Console consists of the following sections: System, Users, Access, Identity Manager, Credentials, and License. Click a tab in the navigation bar to switch between pages.

System Section

The System page displays the available Workspaces in the Avid NEXIS system and their sharing status. In this page, administrators can set the Avid NEXIS system that the VFS Gateway connects to and choose which Workspaces to share. See ["Connecting to Avid NEXIS and Sharing Workspaces" on page 30](#)

Users Section

The Users page allows administrators to add local or remote users to the VFS Gateway system, depending on the option set on the Identity Manager page. See ["Creating Local Users" on the next page](#) and ["Creating Remote Users" on page 27](#).

Access Section

The Access page is used to configure user access to shared Workspaces. See ["Configuring User Access to Workspaces" on page 32](#).

Identity Manager Section

The Identity Manager page determines how users are authenticated by selecting either local or remote identity provider.

- Local: (Default) Uses the integrated LDAP service. for adding and authenticating users. See ["Testing the Configuration \(Local Users\)" on page 27](#)
- Remote: Configures a remote LDAP service through which users connect and authenticate. See ["Testing the Configuration \(Remote Users\)" on page 27](#).

Credentials Page

The Credentials page allows administrators to update the VFS Gateway administrator username, password, or both. See ["Changing the VFS Gateway Administrator Credentials" on page 23](#).

License Section

The License page allows administrators to apply, reactivate, or deactivate a VFS Gateway license. See ["Activating the VFS Gateway License" on page 21](#).

Creating Local Users

By default, Avid NEXIS | VFS Gateway uses its own local integrated LDAP service for adding and authenticating users. This procedure assumes you are using the default local Identity Manager. To add remote users managed by an LDAP service, see ["Adding Remote Users" on page 29](#).

 *The VFS Gateway's user namespace is independent from the Avid NEXIS user namespace. Users can access both the VFS Gateway and the storage system, but their user names and passwords can be different on each system. Adding or removing a local VFS Gateway user has no effect on Avid NEXIS users.*

Each local user requires the following attributes, which you can change at any time:

- **Display Name**—This can be the user's full first and last names, to distinguish them from other users: for example, Mary Smith. Display names do not need to be unique on the VFS Gateway, in case multiple users have the same name, but you can enter different names to help identify them.
- **Username**—This is the user's login name: for example, for two different Mary Smiths, you can create accounts MaryS and MSmith. Each user name must be unique on the VFS Gateway and must follow the rules for user names. See the tool tip for details.
- **Password**—This is the password used to connect to the shared Workspaces when mapping a connection (see ["Using Avid NEXIS | VFS Gateway" on page 34](#)). It does not have to be the same as the user's regular network password, or their password (if any) to connect to Avid NEXIS. This password is used only for making connections to the shared Workspaces. You must securely inform all Avid NEXIS | VFS Gateway users of their password for this connection.

 **After you have created local users, you cannot switch to the Remote Identity Manager without losing any existing users and their configured Workspace access. Switching requires re-adding users and reconfiguring their access.**

To add local users:

1. Click the **Users** tab.
2. Click **Add**.
3. In the User Details section, enter the required information, then click **Save**.

When you start typing in the Password field, a tool tip opens to show the password requirements. Enter a password that meets the listed requirements.

VFS Gateway Display names and LDAP user names do not have to match the user's network login credentials. However, you must inform each user of the VFS Gateway credentials they need to use to access shared Workspaces.

To remove local users:

1. Click the **Users** tab.
2. In the VFS Gateway users list, select one or more users, then click **Remove user**.
3. Click **Save**.

To change local user attributes:

1. Select a user.
2. Change the necessary values

 *Cannot change local LDAP username.*

3. Click **Save**.

Testing the Configuration (Local Users)

Before users start connecting to the VFS Gateway system, you can make sure the configuration is correct. The test checks the most common problems that occur and describes what to fix.

This procedure assumes that you have created at least one local user.

To test the configuration:

1. In the VFS Gateway interface, click **Identity Manager**.
2. Click **Configuration Test**.

The VFS Gateway system tests the configuration settings for the VM.

- If errors are displayed, correct the information and retry the connection test (see ["Troubleshooting Configuration Errors" on the next page](#)). You also might have to repeat one or more steps from ["Configuring DNS and Joining the AD Domain" on page 19](#).
- If all the tests pass, enter any local user's credentials, then click **Sign In**. If successful, the message "Successfully accessed share" is shown.

3. Click **Close** to exit the Configuration Test.

Creating Remote Users

If you do not want to create VFS Gateway users manually, you can configure the Remote Identity Manager in VFS Gateway, then import users from an Active Directory server in your network.



After you have created remote users, you cannot switch to the default local identity manager without losing any existing users and their configured Workspace access. Switching requires re-adding users and reconfiguring their access.

Configuring a Remote Identity Manager

To use a remote identity manager:

1. Click the **Identity Manager** tab.
2. Select **Remote Identity Provider**.
3. A warning message states that switching between local and remote identity managers will cause you to lose any currently configured local users and their Workspace access. Click **OK** to continue.
4. From the drop-down menu, choose a protocol: ldap or ldaps. Enter the appropriate information for your LDAP server in the other fields. In the User DN field, enter your LDAP user information.
5. Click **Save**.
6. Continue with ["Testing the Configuration \(Remote Users\)" below](#).



If the domain name in your organization changes, make sure to change it in the VFS Gateway as well. Otherwise users will not be able to connect to shared Workspaces.

Testing the Configuration (Remote Users)

Before users start connecting to the VFS Gateway system, you can make sure the configuration is correct. The test checks the most common problems that occur and describes what to fix.

To test the configuration:

1. In the VFS Gateway interface, click **Identity Manager**.
2. Click **Configuration Test**.

The VFS Gateway system tests the configuration settings for the VM.

- If errors are displayed, correct the information and retry the connection test. You also might have to repeat one or more steps from ["Configuring DNS and Joining the AD Domain" on page 19](#).
- If all the tests pass, enter your domain credentials, then click **Sign In**. If successful, the message "Successfully accessed share" is shown.

3. Click **Close** to exit the Configuration Test.
4. Continue with ["Adding Remote Users" on the next page](#).

Troubleshooting Configuration Errors

If the Configuration Test reports errors, refer to the following table for the likely cause and how to fix the problem. Some of the possible errors relate only to the Remote Identity Manager.

Test Name	Description	Reasons for Failure	How to Resolve
Unique Hostname	The VFS Gateway host name must be unique within the network and the name must be configured into the DNS server by its IP address.	VFS Gateway has no host name VFS Gateway IP address is not configured in the DNS server VFS Gateway host name is not unique within the network (another host name found with a different IP address)	Configure a unique host name for the VFS Gateway and add its IP address to the network DNS server.
Unique IP Address	The VFS Gateway IP address must be unique on the network.	Another system with the same IP address was discovered on the network	Make sure the VFS Gateway IP address is not being used already.
Hostname Configuration Files	The VFS Gateway host name and IP address must be added to the /etc/hosts file.	The /etc/hosts file and /etc/resolv.conf file, or both, were not configured or were configured incorrectly.	See "Configuring DNS and Joining the AD Domain" on page 19
NetBIOS Domain Name (applies only to remote user configurations)	The NetBIOS configuration is required for remote LDAP authentication.	LDAP server host name cannot be found LDAP server host name was found but the supplied	Verify the LDAP server host name was spelled correctly Verify that you can reach the LDAP server using the ping command

Test Name	Description	Reasons for Failure	How to Resolve
Register Remote Active Directory (applies only to remote user configurations)	The VFS Gateway host name must be added to the remote LDAP server for authentication of remote users	NetBIOS name was not found LDAP server host name misspelled LDAP server is not reachable VFS Gateway host name is not registered with the LDAP server	Verify the LDAP server host name was spelled correctly Verify that you can reach the LDAP server using the ping command Register the VFS Gateway host name on the LDAP server (see "Configuring DNS and Joining the AD Domain" on page 19)
Remote LDAP Authentication (applies only to remote user configurations)	This test makes sure that the remote user has been correctly configured in the list of users in VFS Gateway. When you enter a valid user name and password, the VFS Gateway system attempts to authenticate those credentials against the LDAP server.	The user domain name or password was not correctly configured.	Verify the user domain information is correct (see "Adding Remote Users" below), and retry the operation.
Remote LDAP Access (applies only to remote user configurations)	This tests that the remote LDAP user can authenticate and access the VFS Gateway as a Samba client.	If any part of the Configuration Test failed, this test can fail.	Verify the user credentials entered in the configuration test are correct. (Retry the access test.)
Local LDAP Access (applies only to local user configurations)	This tests that the local LDAP user can authenticate and access the VFS Gateway as a Samba client.	If any part of the Configuration Test failed, this test can fail.	Verify the user credentials entered in the configuration test are correct. Compare the information on the Users tab (see "Creating Local Users" on page 26) to that entered in the test fields, and retry the access test.

Adding Remote Users

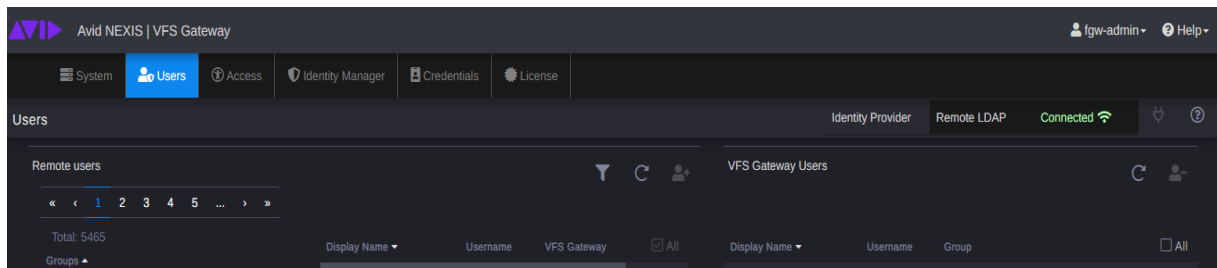
This procedure adds users configured as part of your environment's LDAP service to the list of users who can have access to Avid NEXIS Workspaces.



The VFS Gateway tool cannot process Active Directory Groups or Users with wildcard characters in the Organizational Unit string (for example, OU=*Groups). Groups with special characters or wildcards can return unexpected results or no results at all.

To adding remote users:

1. Click the **Users** tab.
2. Confirm that the VFS Gateway is connected to the Remote LDAP server, as shown in the following figure. If not, click **Connect** and enter your credentials.



3. The users and groups known to the LDAP server are shown in the list, possibly on multiple pages. Click the forward or back arrows or the page numbers to see additional pages of groups and users.
4. Use the Filter to search for the group to which the user belongs.
5. Select a group. The members of that group are shown to the right of the group list.
6. Select one or more users (to select all members of the group, click **Select**), then click **Add User**.

To remove remote users:

1. Click the **Users** tab.
2. In the VFS Gateway users list, select one or more users, then click **Remove User**. The VFS Gateway does not need to be connected to the Remote LDAP server. This procedure deletes the user from the VFS Gateway users list, not from the LDAP server.

Connecting to Avid NEXIS and Sharing Workspaces

Avid NEXIS | VFS Gateway supports connecting to, and sharing Workspaces for, only one Avid NEXIS. If you need to support VFS Gateway access to more than one Avid NEXIS, configure an additional VFS Gateway for each.

The VFS Gateway must be connected to Avid NEXIS only when you are adding shared Workspaces, or to display changes to the Workspaces on Avid NEXIS (Workspaces that have been renamed, added, or deleted). Any currently-shared Workspaces remain shared even if the VFS Gateway is not connected to Avid NEXIS.

There is no limitation on the number of Workspaces you can share with VFS Gateway. However, Windows clients using drive letters to access the Workspaces are limited to 26 connections, minus any existing system partitions.

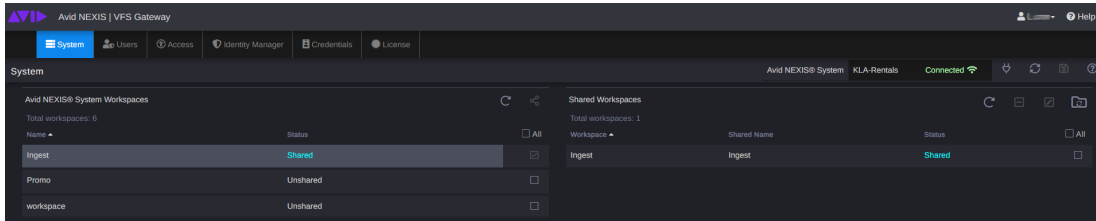
To share Avid NEXIS Workspaces:

1. Click the **System** tab.
2. Click **Connect** to log into the Avid NEXIS system.
3. In the dialog box, enter the IP address of the Avid NEXIS system you want to connect to, and the Avid NEXIS administrator name and password, then click **Connect**.



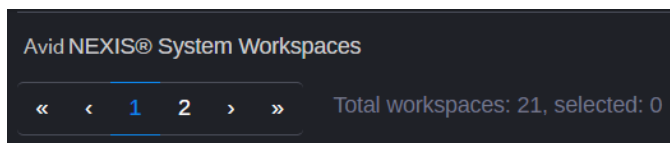
Make sure to enter the Administrator account and password for the Avid NEXIS system, not the VFS Gateway administrator.

The status bar shows that VFS Gateway is connected to Avid NEXIS.



- If the VFS Gateway is not currently connected to Avid NEXIS, you cannot see the Workspaces list in the left panel, but you can still see and remove shared Workspaces in the Shared Workspaces list. You can also add or change user access to those Workspaces (on the Access tab).
 - You do not need to expressly disconnect from Avid NEXIS; but to do so, refresh the browser window in which VFS Gateway is running, then log back in. The connection to Avid NEXIS is dropped.
4. Because the Workspaces on Avid NEXIS are subject to change at any time, click **Refresh** to see the current list.
 5. Select one or more Workspaces from the list on the left, then click **Share**.

If there is more than one page of Workspaces, click the forward or back arrows or the page numbers to see more entries.



 *You can select Workspaces from several pages at one time.*

Changing the Shared Workspace Name

By default, when you share a Workspace, the shared Workspace name is the same as the Avid NEXIS Workspace name. (If you upgraded from Avid NEXIS | VFS Gateway version 2019.12, the existing shared names start with the Avid NEXIS system name, a dash, then the Workspace name; for example, KARentals-Workspace01.) You can change the name after the Workspace is shared, to make them more meaningful or descriptive for the users accessing them. The shared names must be unique. Changing the shared name does not change the name of the Workspace on Avid NEXIS.

You can sort the shared Workspaces by Workspace name or by shared name. If the list spans multiple pages, make sure you check for existing names before changing a shared name to avoid assigning a name that already exists.

If users already have shared names mounted, after you change the name they can no longer connect to that Workspace. Tell users to unmount any shares that you are renaming, and mount them again with the new name.

To change a shared Workspace name:

1. In the Shared Workspace list, select one or more Workspaces and click **Edit Shared Name**.
2. You can edit another Workspace name as you are changing others; select the additional Workspaces and click **Edit Shared Name** again. All the Workspaces remain editable until you click **Save**.
3. In the Shared Name text field that becomes active, enter a new name, then click **Save**.

For information on Workspace naming guidelines, see the chapter "Guidelines for Names and Passwords" in the *Avid NEXIS Administration Guide* available in the [Avid NEXIS Documentation Knowledge Base](#).

Removing Shared Workspaces

To stop further access to a shared Workspace, you can remove it from the shared list. Users can no longer access that Workspace unless you share it again.

To remove a shared Workspace:

1. Click the **System** tab.
2. In the Shared Workspaces list, select one or more Workspaces.
3. Click **Unshare Workspace**.

The Workspaces continue to exist on Avid NEXIS, but VFS Gateway users can no longer connect to them.

4. Click **Save**.

Remounting Shared Workspaces

If shared Workspaces fail to mount automatically due to network interruptions, power outages, or authentication errors, you can manually remount them on the VFS Gateway host.

To remount shared Workspaces:

1. Click the **System** tab.
2. Click **Connect** to log into the Avid NEXIS system.
3. In the Shared Workspaces column, click the **Remount** button.

Configuring User Access to Workspaces

For users to be able to access the Workspaces, you must set user access permissions for the shared Workspaces.

The Toggle View button lets you display users on the left or Workspaces on the left, depending on your goal:

- VFS Gateway Users View—Show users on the left to configure access for a user to multiple Workspaces at a time
- Shared Workspaces View—Show Workspaces on the left to configure access to a Workspace by multiple users at a time

To configure user access to multiple Workspaces:

1. Click the **Access** tab.
2. Select a user.
3. In the Workspaces panel, select one or more Workspaces that this user can access.
4. Select an access type (read, read-write, no access).
5. Click **Save**.



The selected access type applies to all selected Workspaces. To set different access types to different Workspaces, do them in batches: for example, select multiple Workspaces, select Read-Write access, and click Save. Then select other Workspaces, select Read access, and click Save. Continue until the user has the appropriate access to the Workspaces.

To configure Workspace access by multiple users:

1. Click **Toggle View** to display Workspaces on the left.
2. Select a workspace.
3. In the Users panel, select one or more users that can access this workspace.
4. Select their access type (read, read-write, no access).
5. Click **Save**.



The selected access type applies to all selected users. To set different access types to different users, do them in batches: for example, select multiple users, select Read-Write access, and click Save. Then select other users, select Read access, and click Save. Continue until the workspace has the appropriate access by all the necessary users.

Accessing VFS Gateway Logs

The VFS Gateway logs are stored in the VFS Gateway in the following directories:

Log Path	Description or Use
/avid/logs	Installation and application logs
/var/log/samba	Troubleshooting client connection issues for shared Workspaces

To see the VFS Gateway version, click **Help** in the VFS Gateway UI or run the following command:

```
cat /avid/logs/version.log
```

3 Using Avid NEXIS | VFS Gateway

This chapter is intended for the end user of the VFS Gateway.

 *The purpose of the VFS Gateway is to retrieve media files from a client system that cannot run the Avid NEXIS Client software. You upload the media files to one or more Avid NEXIS Workspaces.*

As a user, you connect to the shared Workspace using one of the following methods:

- Windows File Explorer—see ["Connecting to a Shared Workspace \(Windows Clients\)"](#) below
- macOS Finder—see ["Connecting to a Shared Workspace \(macOS Clients\)"](#) on page 36
- CIFS or Kerberos utilities on Linux—see ["Connecting to a Shared Workspace \(Linux Clients\)"](#) on page 37

The way you connect to the share, and the format to use, depends on whether you are a local user or a remote LDAP user (the VFS Gateway Administrator will tell you).

VFS Gateway Version	Gateway Uses DNS?	User Type	Path Format
All newer versions	Yes	Local and remote	\\<VM Hostname>\<Workspace name> For example: \\ACME-Gateway\IngestWorkspace
	No	Local only	\\<VM IP address>\<Workspace name> For example: \\198.51.100.19\IngestWorkspace

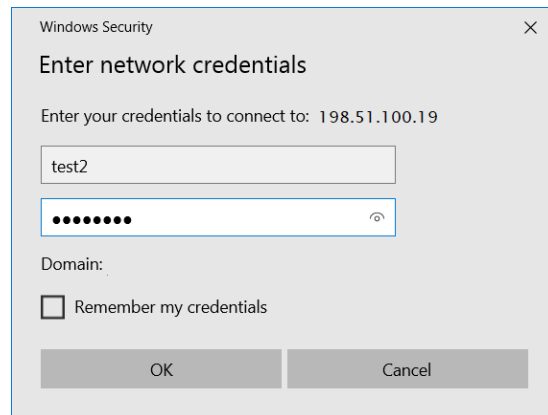
Connecting to a Shared Workspace (Windows Clients)

Your Avid NEXIS | VFS Gateway administrator will tell you whether you are a local or remote user, and the credentials to use to connect.

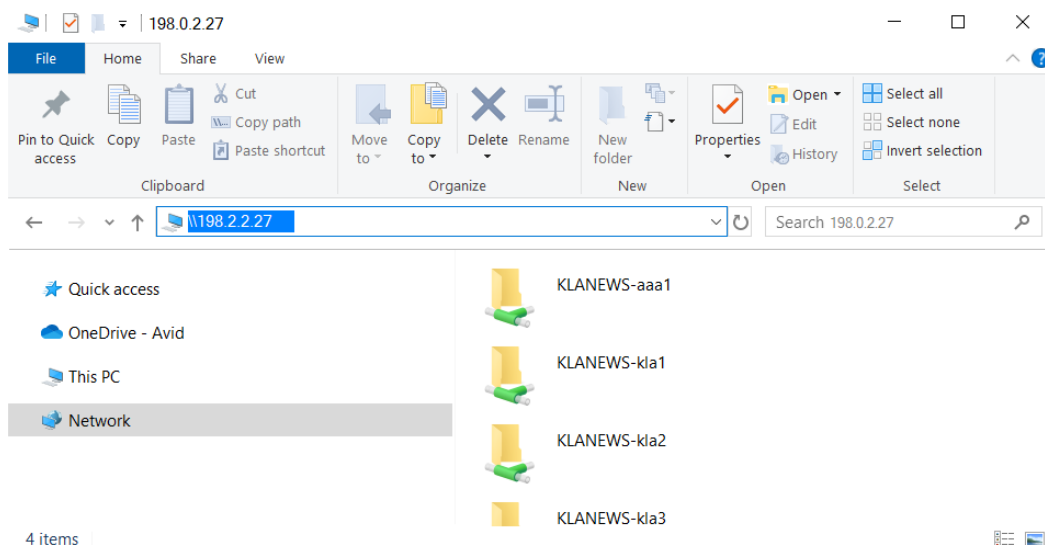
This procedure assumes you are logged in to a client system that has media files you want to move to an Avid NEXIS system.

To connect to a shared Workspace on Windows:

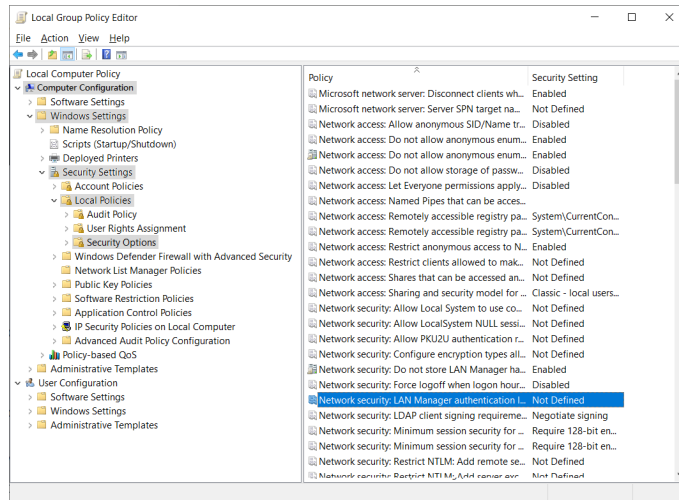
1. Open Windows File Explorer and enter one of the following into the address bar:
 - ▶ For local users: Enter the full shared Workspace name or the VFS Gateway IP address
\\myvmhostname or \\VM_IP_Address
 - ▶ For remote LDAP users: Enter the full shared Workspace name or the VFS Gateway host name
\\myvmhostname
2. If prompted, enter your user name and password.
 - For local users: Enter your local VFS Gateway user name and password.
 - For remote LDAP users: Enter your network user name and password. You will be authenticated by your environment's Active Directory server.



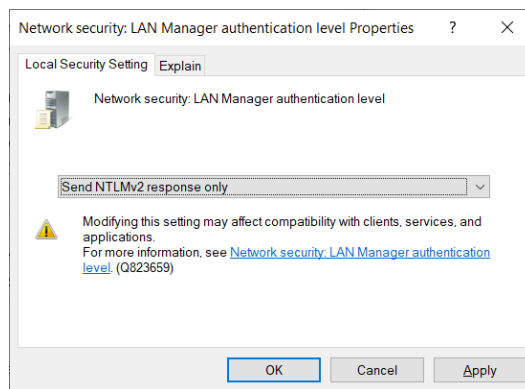
3. If you connected to the VFS Gateway top-level directory, you can see any shared Workspaces to which you have read or read-write access. Double-click a Workspace to open it, to paste or drag media into it. If you connected directly to a shared Workspace, you see its contents.



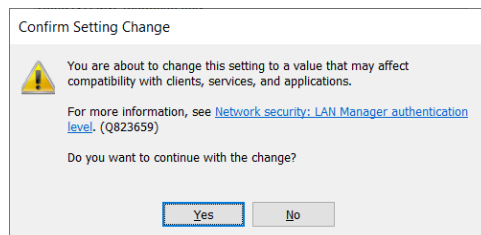
4. Some Windows clients might be unable to access the Samba shared server, especially if they do not recognize the Samba shared LDAP password. If you are continually asked for credentials and not logged in, change the LAN Manager authentication level, as follows:
 - a. Run the Local Group Policy Editor: `gpedit.msc`
 - b. In the Local Computer Policy panel, click: **Computer Configuration > Windows Settings > Security Settings > Local Policies > Security Options.**
 - c. Scroll down to find the entry “Network security: LAN Manager authentication level,” and double-click to open it.



- d. In the drop-down list, select “Send NTLMv2 response only,” then click **OK**.



- e. Click **Yes** to confirm the setting change.



- f. Retry accessing the shared Workspace.

Once you can access the shared Workspace, you can copy files into or out of it, edit files, and do any other operations.

Since the purpose of the VFS Gateway is to put files into an Avid NEXIS Workspace, Avid recommends not keeping the files on the isolated client system.

Connecting to a Shared Workspace (macOS Clients)

This procedure assumes you are logged in to a client system that has media files you want to move to an Avid NEXIS system.

On macOS, use the Finder as follows:

To map a shared workspace:

1. At the Mac Finder level, under the Go menu, enable Connect to Server (Command-K).
2. In the Connect to Server window, enter the path to the VFS Gateway by either its IP address or hostname.

For example:

smb://192.0.2.24 or smb://myvmhostname

An authentication window opens.

3. Enter your name and password, then click **Connect**.

The VFS Gateway Shared Workspace appears in the Finder sidebar, under Locations.

Once you can access the shared Workspace, you can copy files into or out of it, edit files, and do any other operations.

Since the purpose of the VFS Gateway is to put files into an Avid NEXIS Workspace, Avid recommends not keeping the files on the isolated client system.

Connecting to a Shared Workspace (Linux Clients)

This procedure assumes you are logged in to a client system that has media files you want to move to an Avid NEXIS system.

On Linux, mount a shared Workspace as follows:



*Add **sudo** before the command if you're not logged in as the root user.*

To map a shared workspace (local user):

1. Install the CIFS utilities or make sure they are already installed.

```
yum install -y cifs-utils
```

2. Create a mountpoint

```
mkdir -p /mnt/<mountpoint_name>
```

For example:

```
mkdir -p /mnt/NEXIS_workspace
```

3. Mount the shared Workspace.

```
mount -t cifs -o username=<Local_VFSGateway_Username> //<VM IP address>/<shared workspace name> <mountpoint>
```

Example:

```
mount -t cifs -o username=BillAvid //192.0.2.24/Ingest/ /mnt/NEXIS_workspace/
```

To un-map a shared workspace (local user):

1. Run `umount /mnt/<mountpoint_name>`

To map a shared workspace (remote LDAP user):

1. Install the Kerberos utility or make sure it is already installed.

```
yum install krb5-workstation
```



*Add **sudo** before the command if you're not logged in as the root user.*

2. Add your logging and LDAP domain information to the Kerberos configuration file.

```
vi /etc/krb5.conf
```

3. Obtain a new Kerberos ticket with your remote LDAP user account.

```
kinit <your remote ldap user>@<domain.com>
```

4. Verify a new Kerberos ticket is granted

```
klist
```

5. Make and mount a directory for the shared Workspace with CIFS.

```
mount -t cifs //<samba shared server>/<shared workspace> /mnt/<mount  
folder>/ -o uid=$(id -u),username=<your remote ldap  
user>,domain=<domain>,gid=$(id -g),cuid=$(id -u)
```

Once you can access the shared Workspace, you can copy files into or out of it, edit files, and do any other operations.

Since the purpose of the VFS Gateway is to put files into an Avid NEXIS Workspace, Avid recommends not keeping the files on the isolated client system.