



MOVEit Transfer on Azure Marketplace Quickstart Guide

*How to deploy and use
MOVEit Transfer from
Microsoft Azure
Marketplace*

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Overview

The MOVEit Transfer offering on the Microsoft Azure Marketplace allows you to quickly deploy a fully-functional MOVEit Transfer Managed File Transfer solution. You can use the resulting virtual machine for evaluation purposes (the first 30 days are free of software licensing charges), and you can use it for production if you buy a license.

Platform and System Requirements

You will need a Microsoft Azure account and the ability to Remote Desktop from your desktop or a VM or host that you have access to.

Azure Requirements

Microsoft Azure Subscription. You need a [Microsoft Azure Subscription](#). Note that although Ipswitch does not charge any fees during the evaluation, Microsoft will charge this subscription for the Azure resources you use, such as compute and storage.

Remote Desktop. Once you deploy your MOVEit Transfer for Microsoft Azure, you will need to be able to Remote Desktop to your VM to run the [Web UI](#) (localhost) and the [Configuration Utility](#) (Win 32 application). You will need a Remote Desktop Client, such as the Remote Desktop client built into Microsoft Windows.

Updating Your Azure VM. After you deploy MOVEit Transfer, it is best practice to update the VM image running in Azure.

MOVEit Transfer System Requirements

To successfully configure an instance of MOVEit Transfer from the Azure Marketplace, you need:

Azure Role. An Azure User with an Azure Role capable of provisioning Azure VMs and creating new resource groups. You will need to provide the credentials for this user before you purchase/deploy the VM.

SMTP Relay. An SMTP email server capable of accepting outbound email from virtual machines running in Azure. Various third-party vendors provide SMTP services, and some, including SendGrid and socketlabs.com, offer free accounts for low-volume usage. See the section below for how to set up a free SendGrid account. (**Note:** You can also configure your MOVEit instance to use a specific SMTP server after you deploy)

Licensing




MOVEit Transfer solutions launched from the Azure Marketplace are automatically provisioned with a MOVEit Transfer evaluation license that expires 30 days from the deployment date. After that license expires, you will be unable to use MOVEit Transfer until you purchase a license from Ipswitch. If you purchase a license, it can be installed into the running VM at any time, and takes effect immediately.

Deploy the MOVEit Azure Instance

Configure and deploy an instance of MOVEit Transfer from Microsoft Azure Marketplace.





Note: Required fields are marked with a red asterisk (*).

Summary of steps.

Step	Description
1.	Sign in to the Microsoft Azure Portal
2.	From your Dashboard, click on Marketplace and search on MOVEit or use the URL provided by Ipswitch in your invitation email.
3.	Click on MOVEit Transfer, and at the MOVEit Transfer welcome page, click 
4.	<p>Follow the wizard and populate the fields needed to configure and deploy your instance of MOVEit.</p> <p>Note: Default VM and sysadmin password requirements are specific to Azure and must be at least 12 characters long</p> <ul style="list-style-type: none">• Resource Group. When prompted for a resource group, provide a name and select Create New.• VM User Name. Remember your VM user name, you will need it to remote desktop into your VM where MOVEit Azure is running.• VM Size. Choose your desired VM size. The default size is suitable for evaluation and low-volume production use.• Public Hostname. Creation of a DNS entry for this hostname is not done by the provisioning process. It's your responsibility to create a DNS entry through a domain name service provider after provisioning the VM. If you are satisfied with accessing the website via its IP address during evaluation, you can enter a placeholder name here.• MOVEit Sysadmin Password. You use this to sign on using the Transfer Web UI.• SMTP/Email Settings. Your corporate email server may not be configured to accept email requests from clients running in Azure --you will probably need to establish an account with a third-party email provider. <p>You can also see the section titled Create a SendGrid Email Account.</p> <p>Note: If you do not provide an SMTP server, MOVEit Transfer operates and allows file transfer, but you will not be able to send or receive package notifications.</p>
5.	<p>Click Purchase to accept the privacy policy and deploy your MOVEit Transfer instance. </p> <p>It can take several minutes for your MOVEit transfer instance to be created. Check your Azure Portal notifications for current status. </p>

Setup and Try out Your MOVEit Installation

Initially, your MOVEit Transfer system has only an all-powerful "sysadmin" user, which is used only for high-level configuration. Your first steps after deploying the VM involve logging in as this user to create an "organization" for daily use.

Step	Description
1.	<p>Connect to the VM  from your local machine using Remote Desktop.</p> <ul style="list-style-type: none"> • Windows. Use Remote Desktop client. Choose the Connect ( Connect) button from the VM Overview page. This initiates the download of a small “.rdp” file, containing the IP address of the VM. • Others. You can also use rdesktop from Linux or similar third-party applications from MacOS. You can use the public IP address on the VM Overview page. <p>Note: In either case, you will probably receive a warning that the certificate being used by Remote Desktop is untrusted</p>
2.	<p>Open a browser and sign on to MOVEit Transfer Web UI using the Sysadmin credentials.</p> <p>(If you just installed, you might need to wait a few moments for IIS to step through its startup cycle.)</p> <p>https://localhost</p> <p>Note: A warning displays and describes an untrusted certificate, because for now you are using the autogenerated certificate. You can continue. A sign-on page displays.</p> 
	<p>Finally, you can consult the Quick Start section of the MOVEit Transfer Release Notes. (You can perform these tasks by way of the MOVEit Transfer Web UI.)</p> <ul style="list-style-type: none"> • Create an organization and an administrator. • Upload a file.

Further Steps

Subsequent use of MOVEit Transfer can be done from remote computers to the IP address of the Azure VM, via a web browser and a URL like <https://203.0.113.8>. The IP address is the same as the one you used with Remote Desktop.

For full information on how to use MOVEit Transfer, consult the [on-line manual](#). This manual can be accessed via the Help link, which is available on every page once you sign on to MOVEit Transfer.

Create a SendGrid Email Account

You can use your Azure account to create an email server account suitable for use with MOVEit Transfer on Azure.

- In the Azure portal at <https://portal.azure.com> choose the + (New) at the upper left, to create a new resource
- Type *SendGrid Email Delivery* into the search box
- Choose SendGrid Email Delivery
- Choose Create
- On the "Create a New SendGrid Account" page:
 - Name: Enter an arbitrary name. This will not be the account name; see below.
 - Password / Confirm Password: Enter the desired SMTP account password
 - Subscription: Accept the default
 - Resource Group: It is recommended that you create a new resource group, and give it a unique name
 - Pricing tier: Choose a service level. Note that when subscribing to SendGrid from Azure, there is a free level.
 - Contact information: Enter the required contact information
 - Legal terms: read the legal terms and choose Purchase
 - Choose Create to deploy the service
- Once deployment is complete, in the portal, navigate to the account you created. You can search for the resource by name using the Search resources search box.
- In the account, choose Configurations
- The SMTP username is given under USERNAME. Choose the *Click to copy* control to copy this long string to your clipboard.
- When configuring MOVEit Transfer's email settings in the Marketplace, use the following values:
 - SMTP hostname: `smtp.sendgrid.net`
 - TCP port of SMTP server: `587`
 - SMTP username: the username you copied from the Configurations section
 - SMTP password: the password you entered when deploying the SendGrid account

Tips and Troubleshooting

This section includes tips for checking the state of your MOVEit Transfer Azure deployment.

Diagnosing Email Server Issues

Checking the End-to-End SMTP Service

You can check the local MOVEit Transfer SMTP service with the following PowerShell one liner directed at the local SMTP server:

```
Send-MailMessage -From myuser@example.org -To myOtheruser@contoso.com  
-Subject "Test Email" -Body "Test E-mail (body)" -SmtpServer  
mylocalsmtpserver -SmtpServer
```

--Where *mylocalsmtpserver* is the name of the local service (typically "localhost").

Checking the Remote SMTP Service

You can check the destination SMTP service that MOVEit Transfer sends to using a PowerShell session and the following syntax:

```
Send-MailMessage -From myuser@example.org -To myOtheruser@contoso.com  
-Subject "Test Email" -Body "Test E-mail (body)" -Credential (Get-  
Credential) -SmtpServer mysmtptserver -Port 587
```

--Where *mysmtptserver* is the name of the remote server (for example, "smtp.sendgrid.net").

--And where *Get-Credential* will prompt you for the credentials for the user configured with the remote SMTP service.

Note: Well-known TCP port settings for mail servers are 587 or 25.

Examine Log Files

Email-related log files can be found in C:\Windows\System32\LogFiles\SMTPSVC1. This directory contains a series of log files, one per day.

- Lines containing the local hostname (MOVEitTransfer) or localhost are for incoming connections to the local SMTP.
- Lines containing `OutboundConnectionCommand` or `OutboundConnectionResponse` are for outbound connections to the remote SMTP server.
- A session that consists of incoming requests but no outbound requests may be failing due to an inability to connect to the remote server. This could be the result of a misspelled server name.
- A session with authentication errors is likely due to a misspelled username or password.

Checking for Queued MOVEit Transfer Messages/Notifications

Queued outbound messages consist of files in C:\inetpub\mailroot\Queue. If files are accumulating in this directory, then the server is failing to send messages to the remote SMTP server. This could be due to an inability to connect to the remote server, possibly due to an

incorrect server name. Also, it could be that the local SMTP server is "stuck"; try restarting the "Simple Mail Transfer Protocol (SMTP)" service.

Checking the MOVEit Transfer Debug Log

To ensure that MOVEit Transfer really is trying to send email messages:

- Use the Configure MOVEit Transfer utility to set the debug level to *All*
- Perform the action that you believe will send an email message (such as uploading to a folder, or sending a package)
- Examine the file C:\MOVEitDMZ\Log\DMZ_Web.log for evidence that MOVEit Transfer is really trying to send an email. Note that indications in this log of successful sending of an email refer only to successfully sending the email to the local Microsoft SMTP server. Most email problems will be not evident in this log, as most will be due to problems between the local SMTP server and the remote SMTP server.

Changing SMTP Settings

This section demonstrates how you can change your SMTP server settings on a MOVEit Transfer instance running in Azure.

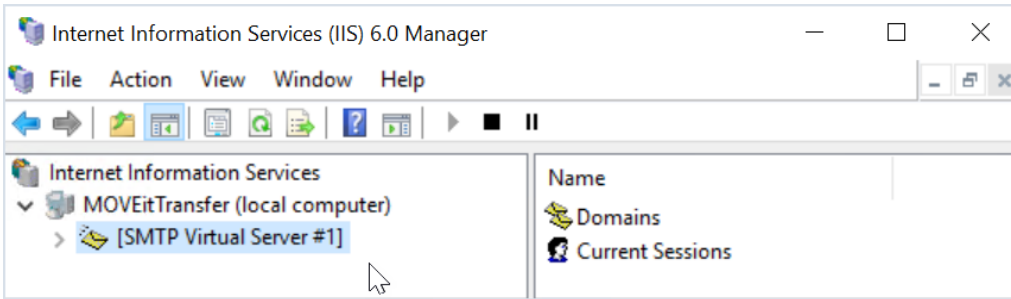
During deployment of the Azure VM, the Marketplace offering prompts for several email-related settings.

This Setting...	Description	Can be Changed in...
To:	Target email address.	MOVEit Transfer Configure Console .
From:	Originating email address.	MOVEit Transfer Configure Console .
SMTP server	SMTP server handling MOVEit Transfer in Azure requests.	IIS Manager.
TCP port	Port of TCP server if not well-known default.	IIS Manager.
SMTP user	Username of SMTP account	IIS Manager.
SMTP password	Password of SMTP account	IIS Manager.

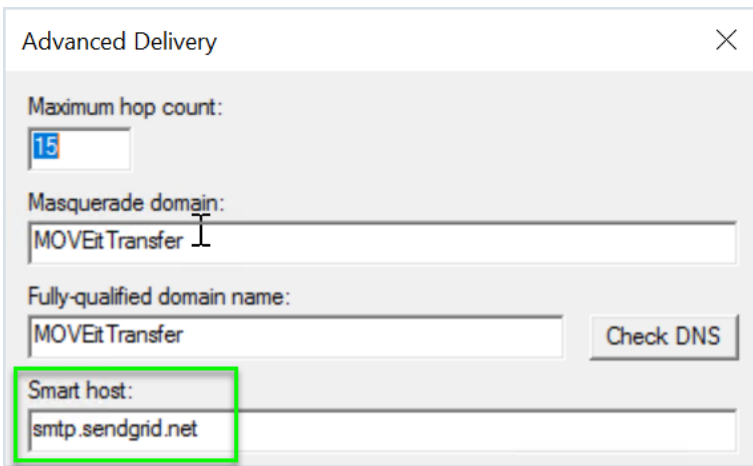
If you feel you may have entered incorrect values for any of these settings, the first step is to check that the settings are correct.

Change SMTP Server

1. Launch IIS 6.0 Manager. Start menu > Windows Administrative Tools > IIS 6.0 Manager.
2. In the left pane, expand the name of the MOVEit Transfer Server.



3. Right-click on [SMTP Virtual Server #1] and choose **Properties**.
4. Select the Delivery tab and click **Advanced**.



Change SMTP Server TCP Port

1. From MOVEit Transfer IIS [SMTP Virtual Server #1] instance, select the Delivery tab.
2. Click **Outbound Connections**.
3. Set the TCP port expected by your SMTP server. (SMTP standards use 587 for secure connections and 25 for plaintext).

Change Username and Password Used to Authenticate to SMTP Server

To change the username and password used to authenticate the user that MOVEit Transfer uses to communicate with the non-local SMTP service:

1. From MOVEit Transfer IIS [SMTP Virtual Server #1] instance, select the Delivery tab.
2. Click **Outbound Security...**
3. Under Basic authentication, enter the user name and password.

Change TLS Setting

1. From MOVEit Transfer IIS [SMTP Virtual Server #1] instance, select the Delivery tab.
2. Click **Outbound Security...**
3. Check or clear the **TLS encryption** TLS encryption .