

Rimo3 Azure Subscription Linking Guide (Azure Marketplace)

The purpose of this document is to outline the process to provision a Rimo3 tenant via Rimo3 Azure Marketplace listing.

The Rimo3 platform at the simplest level takes the headache out of application lifecycle management in the context of proactively and automatically analyzing the impact of change as it relates to applications.

At a slightly more detailed level, Rimo3 imports the application packages, tests them against a specified version of Windows in your network environment, and identifies of any impact of change or introduction to new platforms and releases.

Prerequisites:

- An Azure Subscription (subscription ID), with availability for a minimum of 56 Cores (4 per Virtual Machine) and at least 14 free IP addresses.
- An identity that has Owner level rights on the Azure Subscription.

Provisioning Process:

Provide Rimo3 with your Azure Subscription ID – once provided, Rimo3 can create the Azure Marketplace offering (at least 48 hours' notice is required).

Rimo3 will provide a link to the Rimo3 Azure Marketplace offering.

You will need to access the link using the [Azure Subscription owner](#) credentials.


You will be presented with the Rimo3 Cloud (preview) listing, as per Figure 1: Rimo3 Cloud (preview) Azure Marketplace.

Microsoft Azure Search resources, services, and docs (G+/)

Home >

Rimo3 Cloud (preview)

Rimo3



Rimo3 Cloud (preview)

Rimo3 | Azure Application

Plan

Azure Subscription Linking

Create


Add to Favorites

Overview Plans Usage Information + Support Ratings + Reviews

Offered under [Microsoft Standard Contract](#).

Linking your Rimo3 Tenant to an Azure subscription enables testing resources to be created in your Azure environment where they will have access to resources in your environment such as license servers and databases, as well as Endpoint Manager Configuration Manager for importing packages.

More products from Rimo3



Rimo3

Rimo3

Rimo3

SaaS

Automated pre-deployment testing of Windows applications

Starts at \$1.50/user/month

Subscribe

Figure 1: Rimo3 Cloud (preview) Azure Marketplace

Click on Create.

Microsoft Azure

Search resources, services, and docs (G+/)

[Home](#) > [Rimo3 Cloud \(preview\)](#) >

Create Rimo3 Cloud

Basics

Advanced

Gateway settings

Registration

Review + create

Select the Azure subscription and Region into which the Rimo3 resources will be deployed, create a new resource group, or select an existing empty resource group.

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * ⓘ

James AIRS External

▼

Resource group * ⓘ

▼

[Create new](#)

Instance details

Region * ⓘ

UK South

▼


 You must have Owner rights to the selected subscription to complete the tenant linking deployment.

Figure 2: Select Subscription and Region

On the Basics tab, select your Azure Subscription and Create a new Resource Group. Select your preferred Azure Region, Figure 2: Select Subscription and Region.

Microsoft Azure Search resources, services, and docs (G+/)

Home > Rimo3 Cloud (preview) >

Create Rimo3 Cloud

Basics **Advanced** Gateway settings Registration Review + create

Select an existing virtual network and subnet or create a new virtual network. An existing virtual network must have a minimum address prefix size of /27 and 14 available addresses. The Gateway system managed identity will be granted Network contributor rights to the existing virtual network, if selected. If a new virtual network is created, it will be created in the resource group configured on the previous tab.

Configure virtual networks

Virtual network * ⓘ (new) Rimo3vnet [Create new](#)

Subnet * (new) Default (10.3.0.0/24)

Storage Account Settings

Create a new storage account which will be created in the resource group configured on the Basics tab.

Storage account * ⓘ (new) uniquestorageaccount01 [Create New](#)

Figure 3: VNet and Storage Account

Rimo3 provides default values for the Virtual Network and the Storage Account, however you can create your own if preferred. Figure 3: VNet and Storage Account.

When creating your own Virtual Network, please work with Rimo3 to ensure there will be sufficient IP addresses available for the required Virtual Machines.

Also, if using an existing Virtual Network there may be challenges if there are Security Policies that are being applied. Please work with Rimo3 to ensure we have awareness and to overcome potential challenges.

If you are planning on domain joining the Rimo3 resources, you will also need to consider if the new or existing subnet needs to be added to an Active Directory Site.

Microsoft Azure

Search resources, services, and docs (G+)

[Home](#) > [Rimo3 Cloud \(preview\)](#) >

Create Rimo3 Cloud

Basics

Advanced

Gateway settings

Registration

Review + create

Gateway credentials

Enter the username and password to be used when creating the local administrator account on the Gateway VM.

Username *

gw_admin

Password *

.....

Confirm password *

.....

Gateway virtual machine settings

Enter resource names for the gateway virtual machine, disk, and network card, if there is no preferred naming convention then as a minimum replace <tenantname> with your Rimo3 tenant name.

Virtual machine *

r3c-rimo3demo-gw-vm

Disk *

r3c-rimo3demo-gw-disk

Network card *

r3c-rimo3demo-gw-nic

Review + create

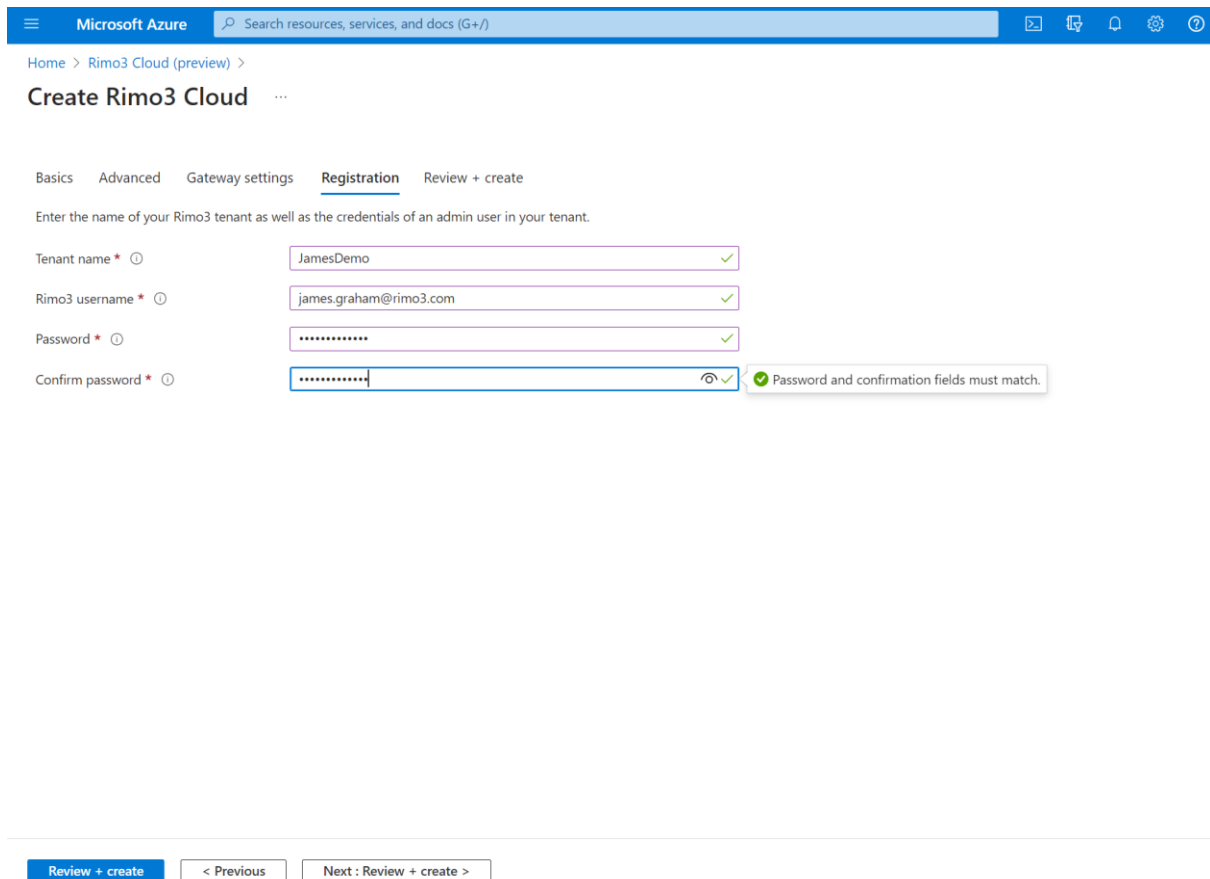
< Previous

Next : Registration >

Figure 4: Gateway Configuration

A local admin account must be created for the Gateway Virtual Machine.

Resource names must be provided for the Gateway Virtual Machine, Disk and Network Card as per Figure 4: Gateway Configuration.



Microsoft Azure Search resources, services, and docs (G+)

Home > Rimo3 Cloud (preview) >

Create Rimo3 Cloud

Basics Advanced Gateway settings **Registration** Review + create

Enter the name of your Rimo3 tenant as well as the credentials of an admin user in your tenant.

Tenant name * ⓘ JamesDemo ✓

Rimo3 username * ⓘ james.graham@rimo3.com ✓

Password * ⓘ ✓

Confirm password * ⓘ ✓

✓ Password and confirmation fields must match.

Review + create < Previous Next : Review + create >

Figure 5: Rimo3 Tenant Details

The next step is to provide the credentials being used to access the Rimo3 portal,

Rimo3 will provide the name of the Rimo3 tenant and the credentials to you once a Rimo3 tenant has been provisioned.

Please note, you will likely want to change your password via the Rimo3 portal before entering it in the Rimo3 Cloud Registration.

Once you have your Rimo3 tenant name and credentials, please input the details on the Registration page, Figure 5: Rimo3 Tenant Details.

Home > Rimo3 Cloud (preview) >

Create Rimo3 Cloud ...

✓ Validation Passed

BasicsAdvancedGateway settingsRegistrationReview + create

Price

Rimo3 Cloud
by Rimo3
[Terms of use](#) | [Privacy policy](#)

TERMS

By clicking "Create", I (a) agree to the legal terms and privacy statement(s) associated with the Marketplace offering(s) listed above; (b) authorize Microsoft to bill my current payment method for the fees associated with the offering(s), with the same billing frequency as my Azure subscription; and (c) agree that Microsoft may share my contact, usage and transactional information with the provider(s) of the offering(s) for support, billing and other transactional activities. Microsoft does not provide rights for third-party offerings. See the [Azure Marketplace Terms](#) for additional details.

Name

MOD Administrator

Preferred e-mail address

Preferred phone number

Basics

Subscription

Resource group

Rimo3_RG

Region

UK South

Create

< Previous

Next


[Download a template for automation](#)

Figure 6: Review and Create






Review and confirm all the details that have been provided and click on Create when ready to provision the Rimo3 resources, Figure 6: Review and Create.

You will then be presented with the Resource deployment progress page, Figure 7: Resource deployment, Figure 8: Resource deployment continued and Figure 9: Resource deployment complete.

Home >

rimo3.rimo_3_cloud-preview-20230621094357 | Overview  ...

Deployment

Search <<  Delete  Cancel  Redeploy  Download  Refresh

Overview

Inputs



Outputs

Template

Deployment is in progress

Deployment name : rimo3.rimo_3_cloud-preview-20230621094357 Start time : 6/21/2023, 11:02:20 AM
 Subscription : [James AIRS External](#) Correlation ID : 6f1c6095-eea4-460a-8714-5528753e449f
 Resource group : [Rimo3_RG](#)

Deployment details

Resource	Type	Status	Operation details
 Rimo3vnet	 Virtual network	Created	Operation details

Give feedback



 [Tell us about your experience with deployment](#)






Figure 7: Resource deployment

Microsoft Azure james.graham@rimo3.com

Home >

rimo3.rimo_3_cloud-preview-20230621094357 | Overview  ...

Deployment

Search <<  Delete  Cancel  Redeploy  Download  Refresh

Overview

Inputs













Outputs

Template


Deployment is in progress


Deployment name : rimo3.rimo_3_cloud-preview-20230621094357 Start time : 6/21/2023, 11:02:20 AM
 Subscription : [James AIRS External](#) Correlation ID : 6f1c6095-eea4-460a-8714-5528753e449f
 Resource group : [Rimo3_RG](#)

Deployment details

Resource	Type	Status	Operation details
 r3c-rimo3demo-gw-vm/G...	 Microsoft.Compute/virtualMach	Created	Operation details
 r3c-rimo3demo-gw-vm	 Virtual machine	OK	Operation details
 r3c-rimo3demo-gw-vm	 Virtual machine	OK	Operation details
 StorageLink	 Deployment	OK	Operation details
 r3c-rimo3demo-gw-nic	 Network interface	Created	Operation details
 Rimo3vnet	 Virtual network	OK	Operation details

Give feedback

 [Tell us about your experience with deployment](#)

 **Microsoft Defender for Cloud**
 Secure your apps and infrastructure
[Go to Microsoft Defender for Cloud >](#)

Free Microsoft tutorials
[Start learning today >](#)

Work with an expert
 Azure experts are service provider partners who can help manage your assets on Azure and be your first line of support.
[Find an Azure expert >](#)

Figure 8: Resource deployment continued

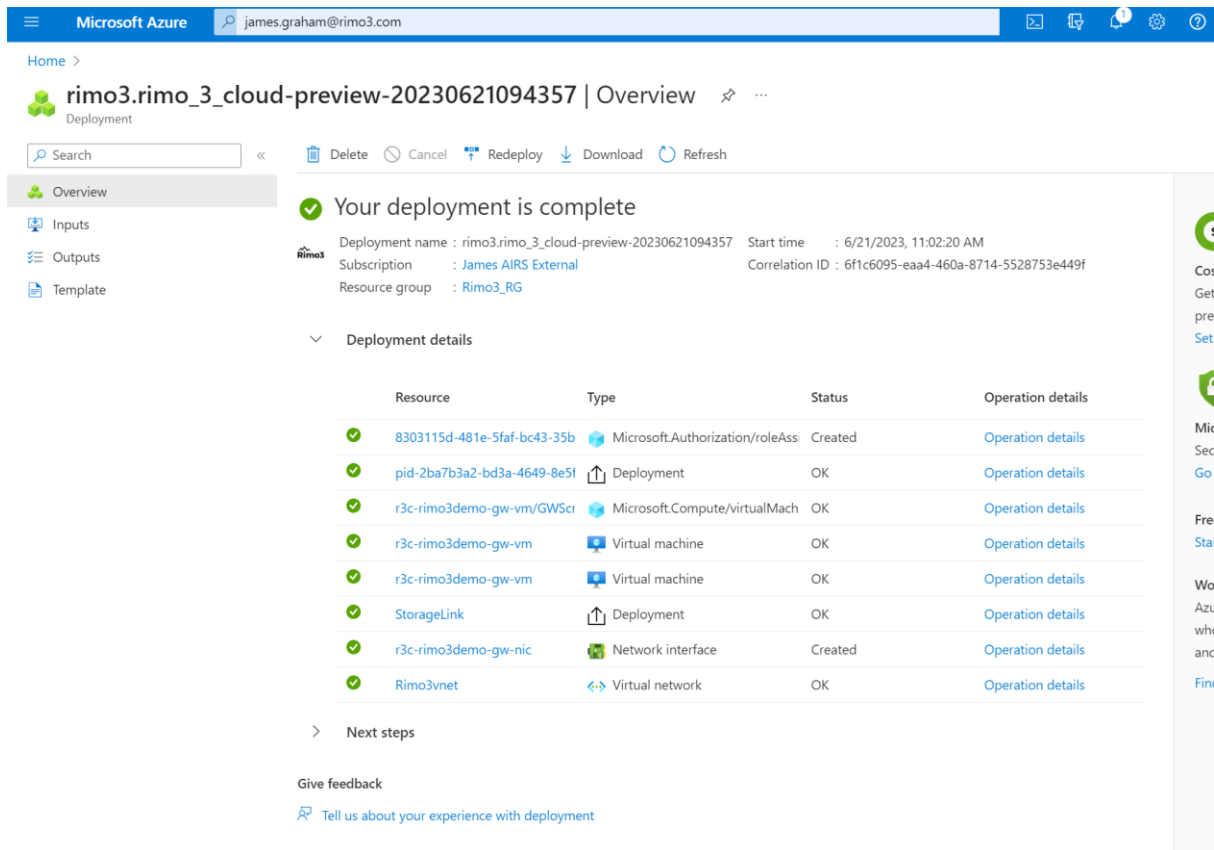


Figure 9: Resource deployment complete

To confirm the Rimo3 resources are provisioned correctly, you can head to the Rimo3 console and navigate to Advanced -> Status and confirm that the Gateway Virtual Machine is visible, Figure 10: Rimo3 Gateway.

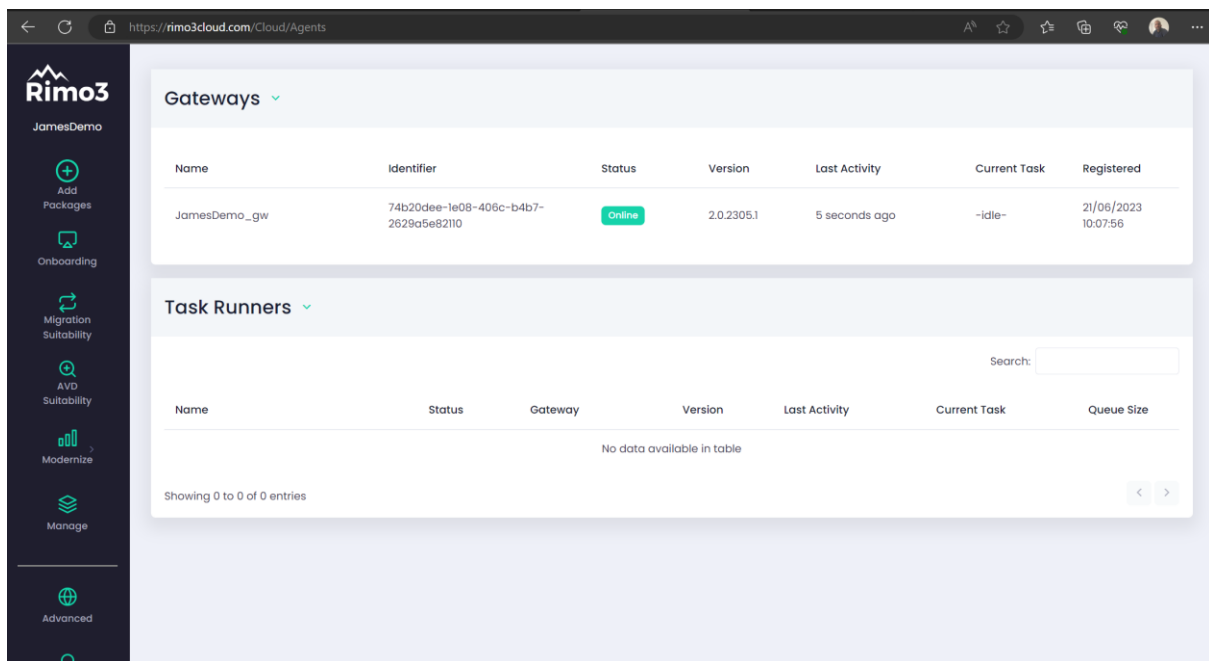


Figure 10: Rimo3 Gateway

Once the Gateway provision is confirmed we can now provision the Task Runner Virtual Machines. To achieve this, we must select the Current Operating System and the Destination Operating System.

This is done by running the initial first run questionnaire, which can be navigated to via rimo3cloud.com/Cloud/Questionnaire/. Figure 11: Rimo3 first run.

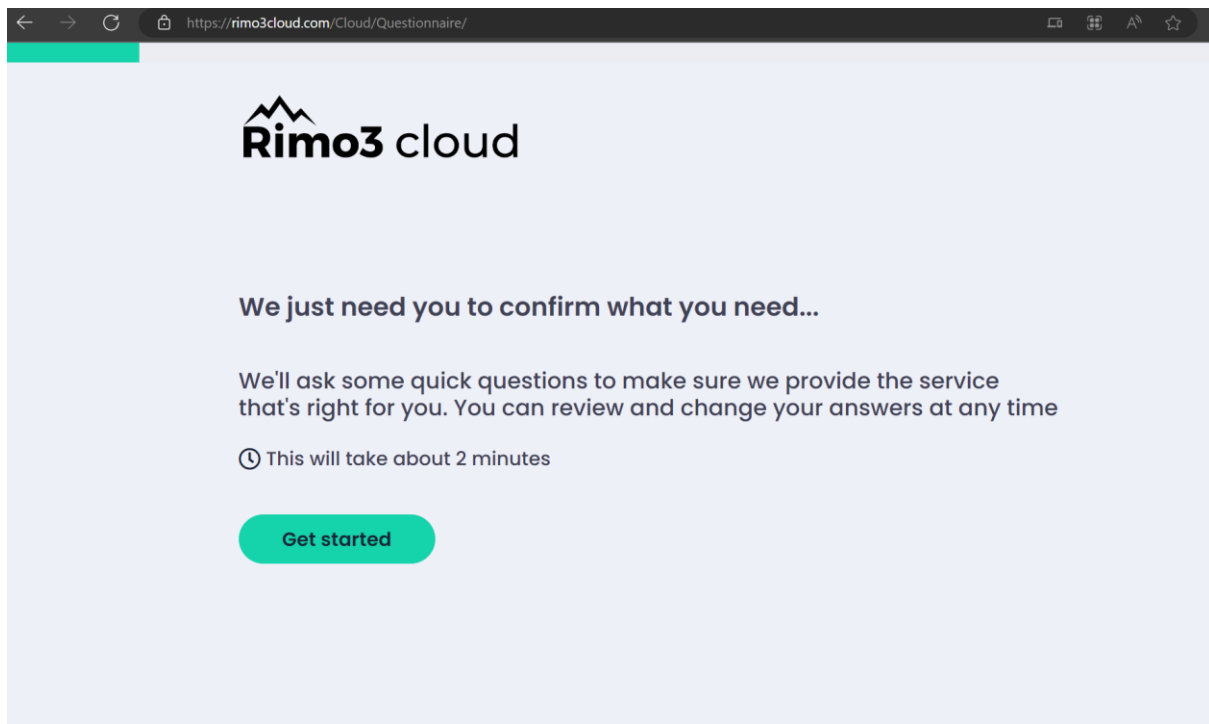



Figure 11: Rimo3 first run

Follow the questionnaire through to completion and select your current Operating System Image and your desired state.

Once you have selected your current Operating System and target Operating System the Rimo3 platform will provision the Task Runner Virtual Machines. The Advanced -> Status page will then be updated with the Task Runner Virtual Machine details, as per Figure 12: Task Runners.



JamesDemo

- Add Packages
- Onboarding
- Migration Suitability
- AVD Suitability
- Modernize
- Manage
- Advanced
- Notifications

Computer Systems

+ Add
+ Provision Computer

Name	FQDN	OS Image	Virtual	Latest Restore Checkpoint
PersistentVM1	JAMESDEMO-GW	Windows Server 2019 R2 for 64-bit-based systems (Datacenter) (10.2019.17763.107)		N/A
BaselineEnvM1	BASLINEENVM1	Microsoft Windows 10 Enterprise 20H2 (10.2009.19042.630)		N/A
BaselineEnvM2	BASLINEENVM2	Microsoft Windows 10 Enterprise 20H2 (10.2009.19042.630)		N/A
BaselineEnvM3	BASLINEENVM3	Microsoft Windows 10 Enterprise 20H2 (10.2009.19042.630)		N/A
BaselineEnvM4	BASLINEENVM4	Microsoft Windows 10 Enterprise 20H2 (10.2009.19042.630)		N/A
TargetEnvVM1	TARGETENVVM1	Microsoft Windows 11 Enterprise 22H2 (10.0.22621.608)		N/A
TargetEnvVM2	TARGETENVVM2	Microsoft Windows 11 Enterprise 22H2 (10.0.22621.608)		N/A
TargetEnvVM3	TARGETENVVM3	Microsoft Windows 11 Enterprise 22H2 (10.0.22621.608)		N/A
ModernizeEVM1	MODERNIZEEVM1	Microsoft Windows 11 Enterprise 22H2 (10.0.22621.608)		N/A
ModernizeEVM2	MODERNIZEEVM2	Microsoft Windows 11 Enterprise 22H2 (10.0.22621.608)		N/A

Figure 12: Task Runners

We can now test an application.

We recommend downloading a simple MSI file, e.g. [Download \(7-zip.org\)](#).

Compress the MSI file into a Zip file.

Proceed to onboard this Zip file to the Rimo3 platform.

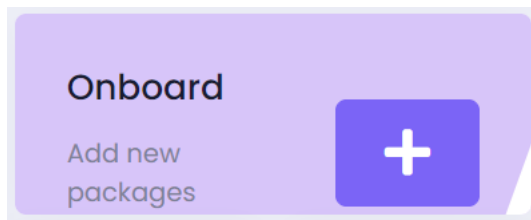


Figure 13: Onboard an application

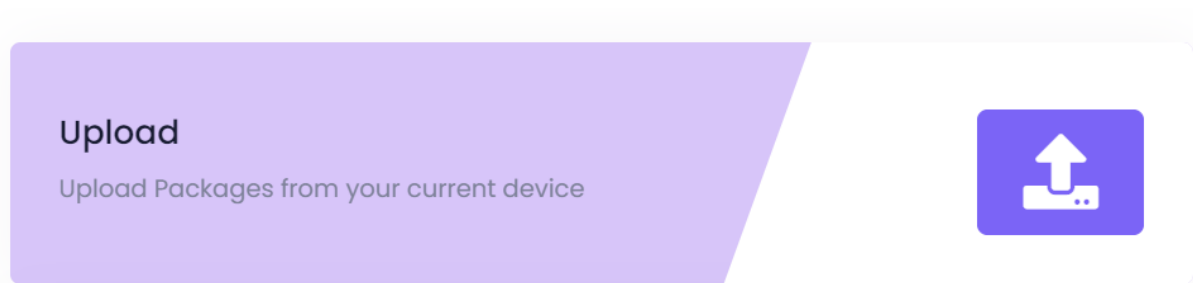


Figure 14: Upload a zip file

Select Onboard from the Onboarding tab, Figure 13: Onboard an application, and select Upload, Figure 14: Upload a zip file. Browse to the Zip file that you created and submit, Figure 15: Submit a package

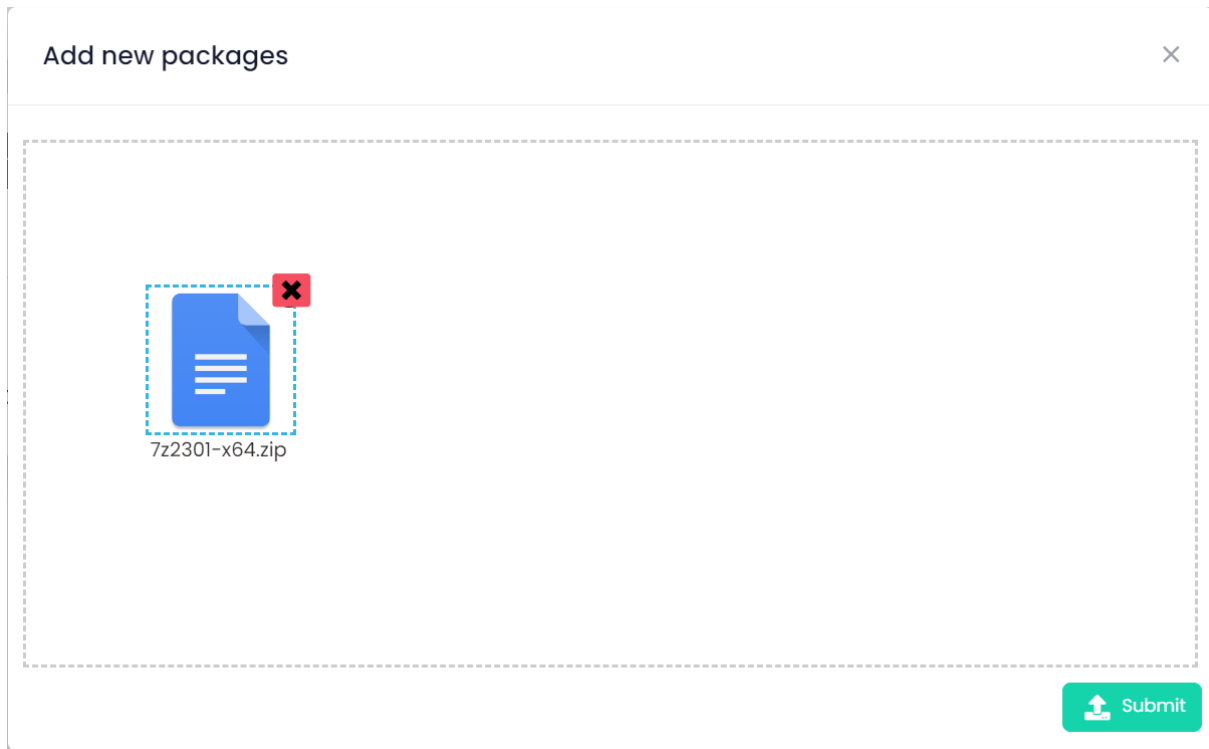


Figure 15: Submit a package

This process will trigger the application upload process, Figure 16: Application Upload.

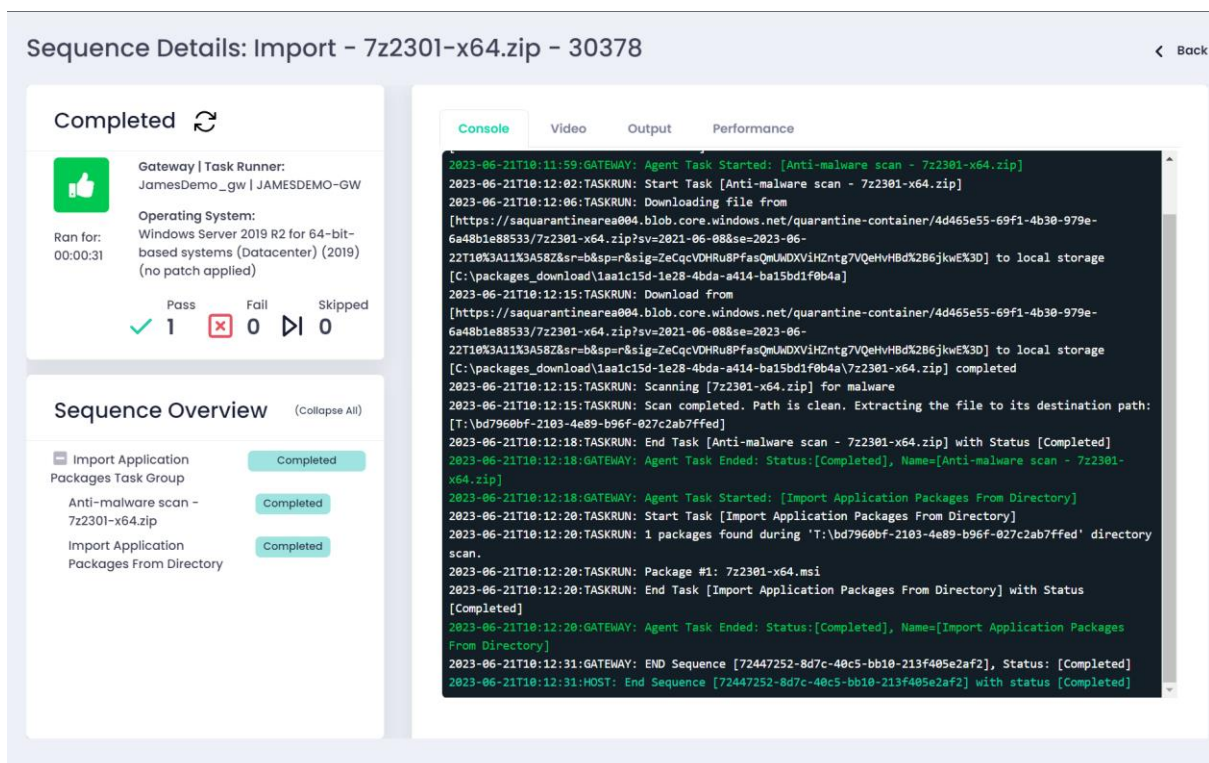


Figure 16: Application Upload

Once uploaded the application will go through the Rimo3 Onboarding pipeline, where it will be Discovered and go through a Baseline Smoke Test against your current Operating System.

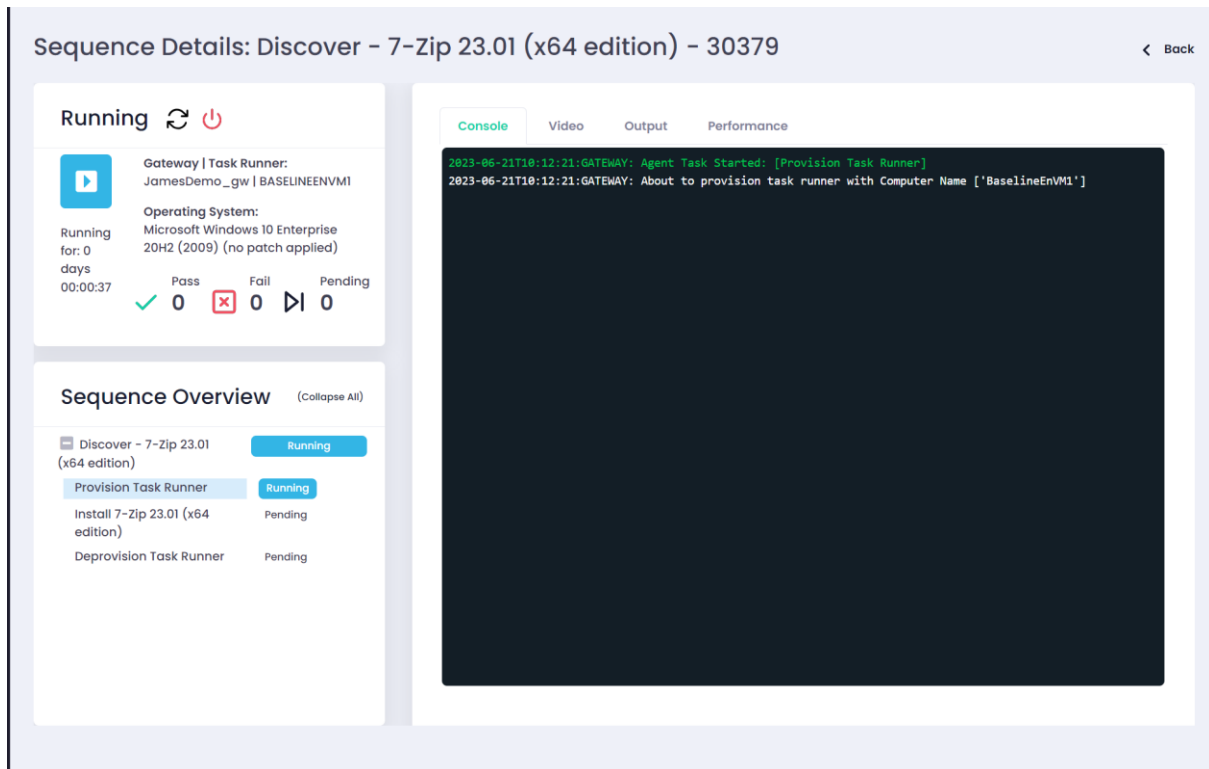


Figure 17: Discovery

After onboarding is completed, it will show as per Figure 18: Onboarding Complete.

Type	Application	Discovery	Baseline IST	Onboarded
MSI	7-Zip 23.01 (x64 edition)	Passed	Passed	Yes

Figure 18: Onboarding Complete

From here we can view the Discovery information by clicking on the application name, Figure 19: Discovery Details. We can view the Discovery Process details by clicking on the Green Passed icon, and the same for viewing the details of the Baseline Smoke Test.

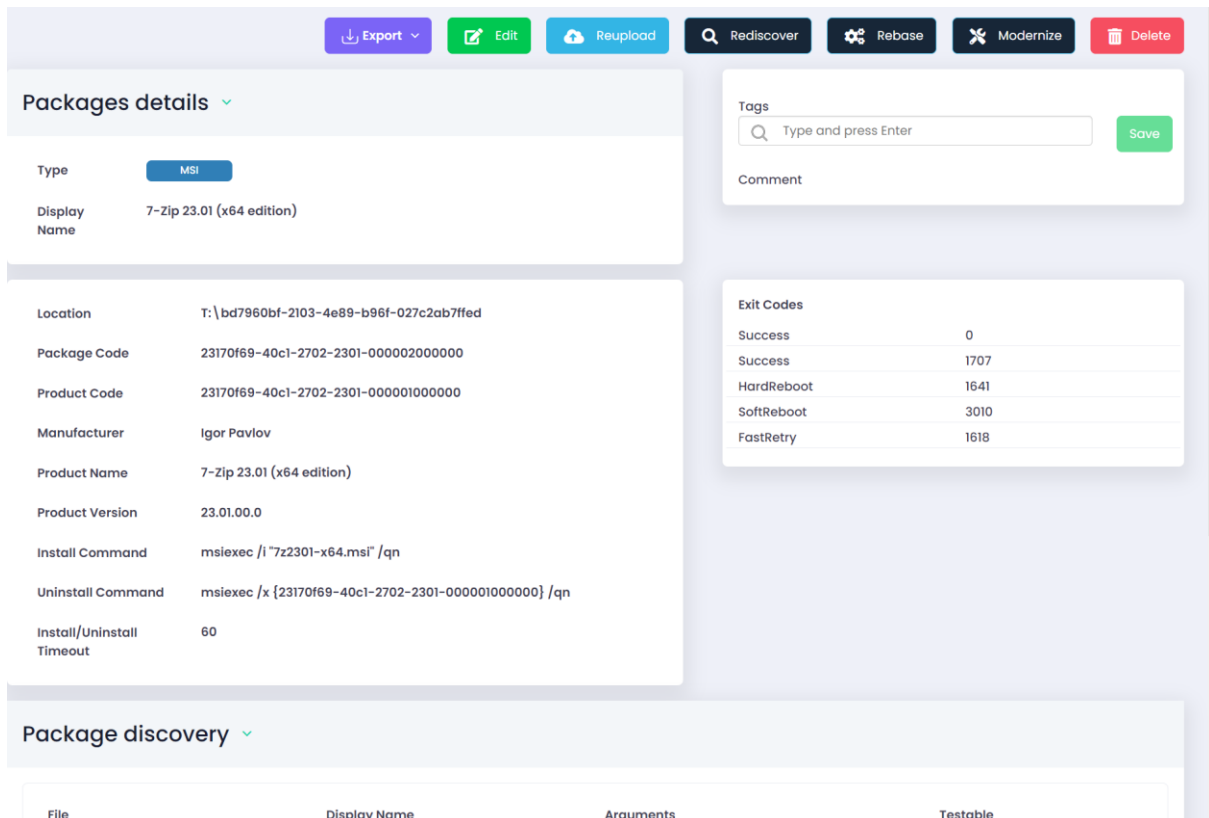


Figure 19: Discovery Details

Finally, we can Modernise the application. From the Onboarding page, click on Modernize, Figure 20: Modernize.

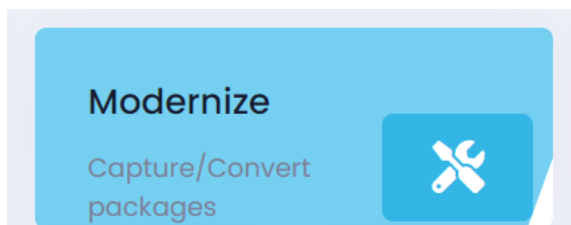


Figure 20: Modernize

Click on Convert to MSIX, Figure 21: Convert to MSIX.

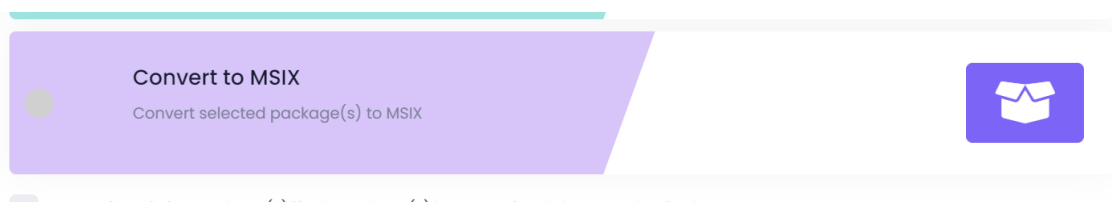


Figure 21: Convert to MSIX

Select the package you uploaded and submit.

This will then trigger the application conversion process. The application will be converted to MSIX and will go through a post conversion smoke test, Figure 22: Modernization Result.

	Type	↑↓ Application	↑↓ Conv result	↑↓ IST result	↑↓ Summary
	MSI	7-Zip 23.01 (x64 edition)	Converted	Passed	Successfully modernized

Figure 22: Modernization Result

This now completes the onboarding process of:

- Connecting your Azure environment to Rimo3.
- Building the Rimo3 resources in your Azure Subscription.
- Building the Gateway server and confirming provisioned successfully.
- Provisioning the Task Runner Virtual Machines that are built with your current Operating System and target Operating System.
- Tested manually uploading an application and onboarding.
- Tested modernizing an onboarded application.