

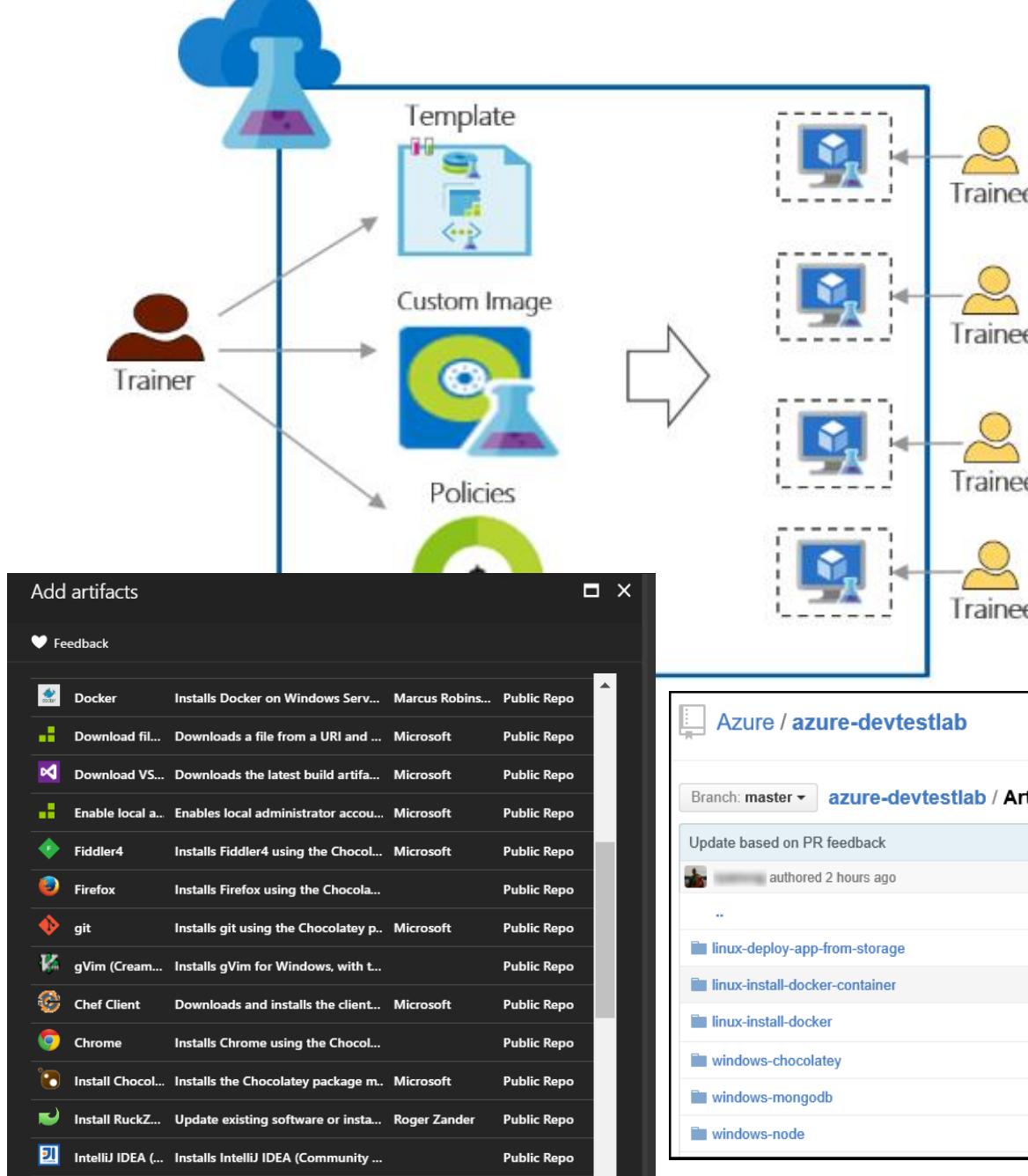
Azure DevTest Labs

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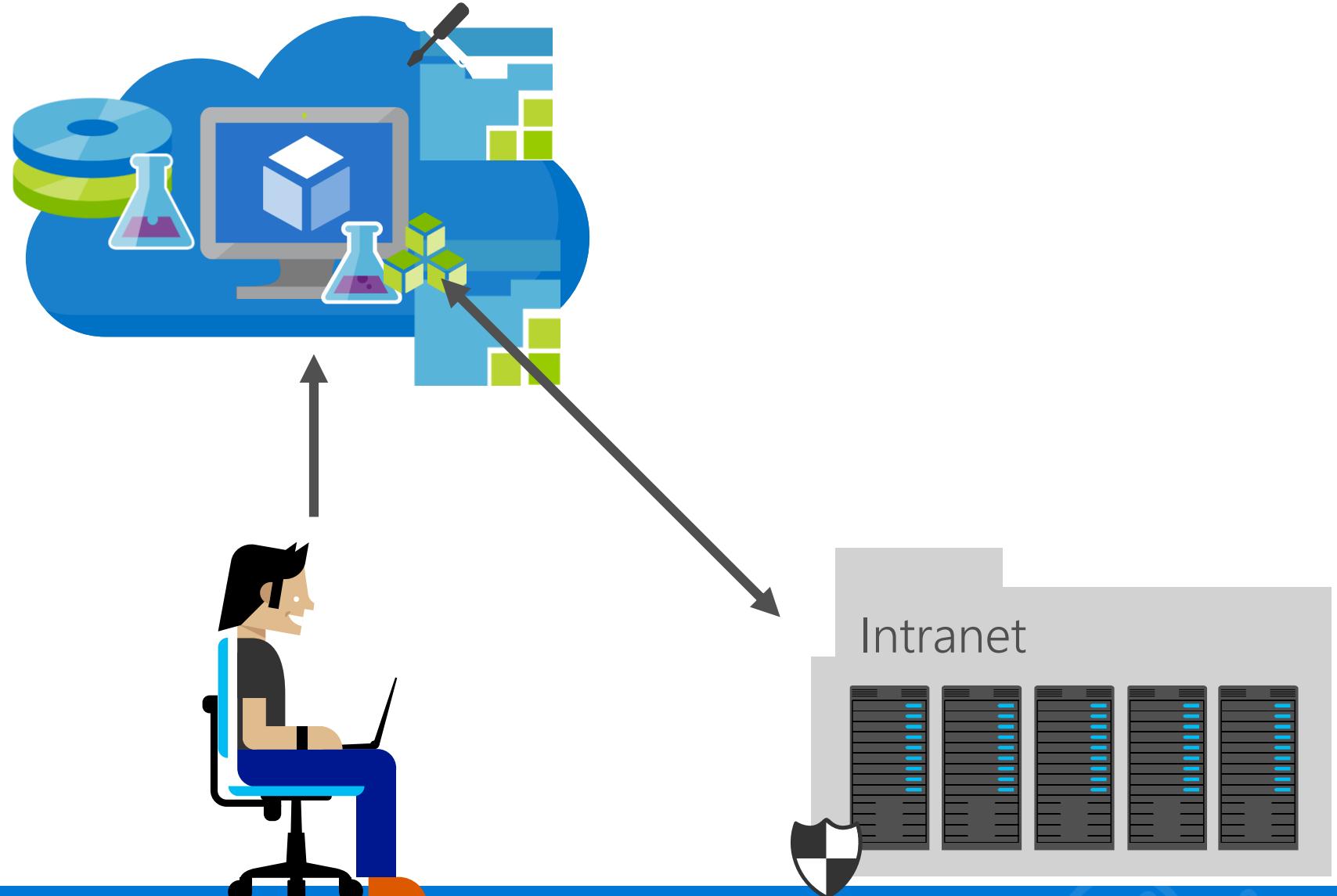


Azure DevTest Labs

- Rychlé zřizování vývojových a testovacích VM prostředí
- Minimalizace plýtvání díky kvótám a zásadám
- Nastavení automatického vypínání v zájmu minimalizace nákladů
- Vytváření prostředí Windows a Linux



Developer machines

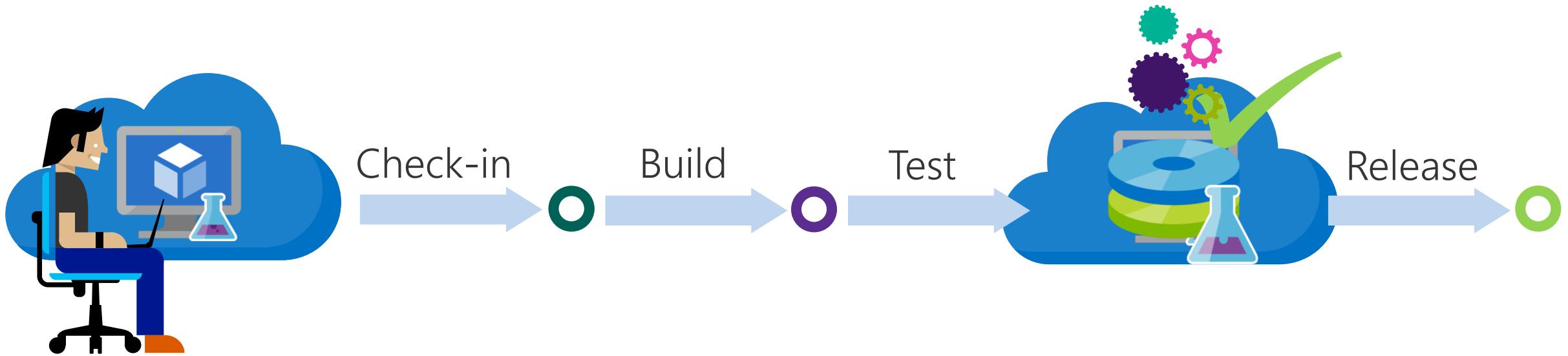


"Instead of telling people to wait for six months for a new feature, we can give it to them in a few weeks.

Johan Krebbers
IT Chief Technology Officer,
Royal Dutch Shell



Testovací prostředí



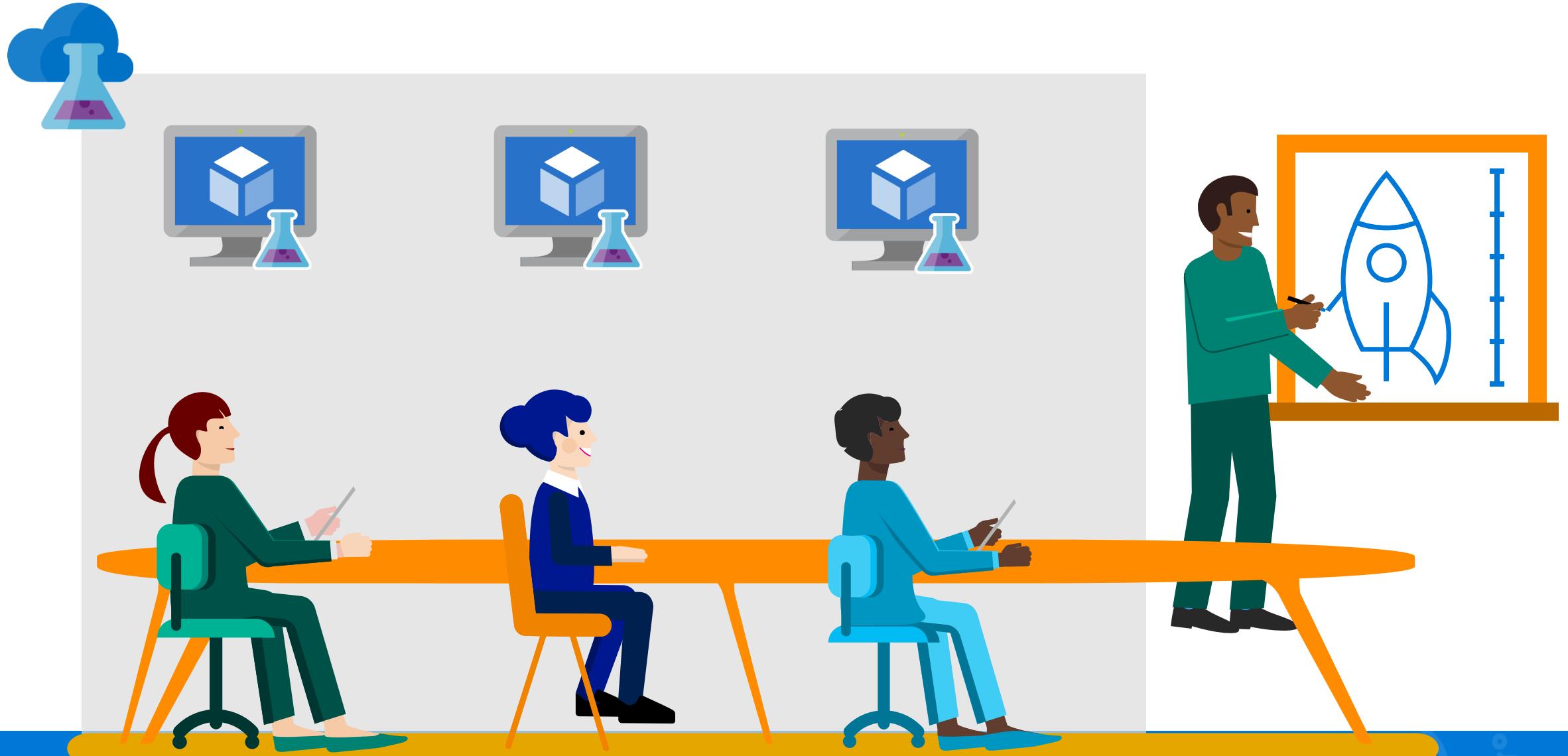
"Labs abstracts a lot of the complexity and allows us to control the spending through easy to setup policies."

Pierre-Jean Olivon

Senior System Engineer – Newark CA,
Risk Management Solutions



Training / Education



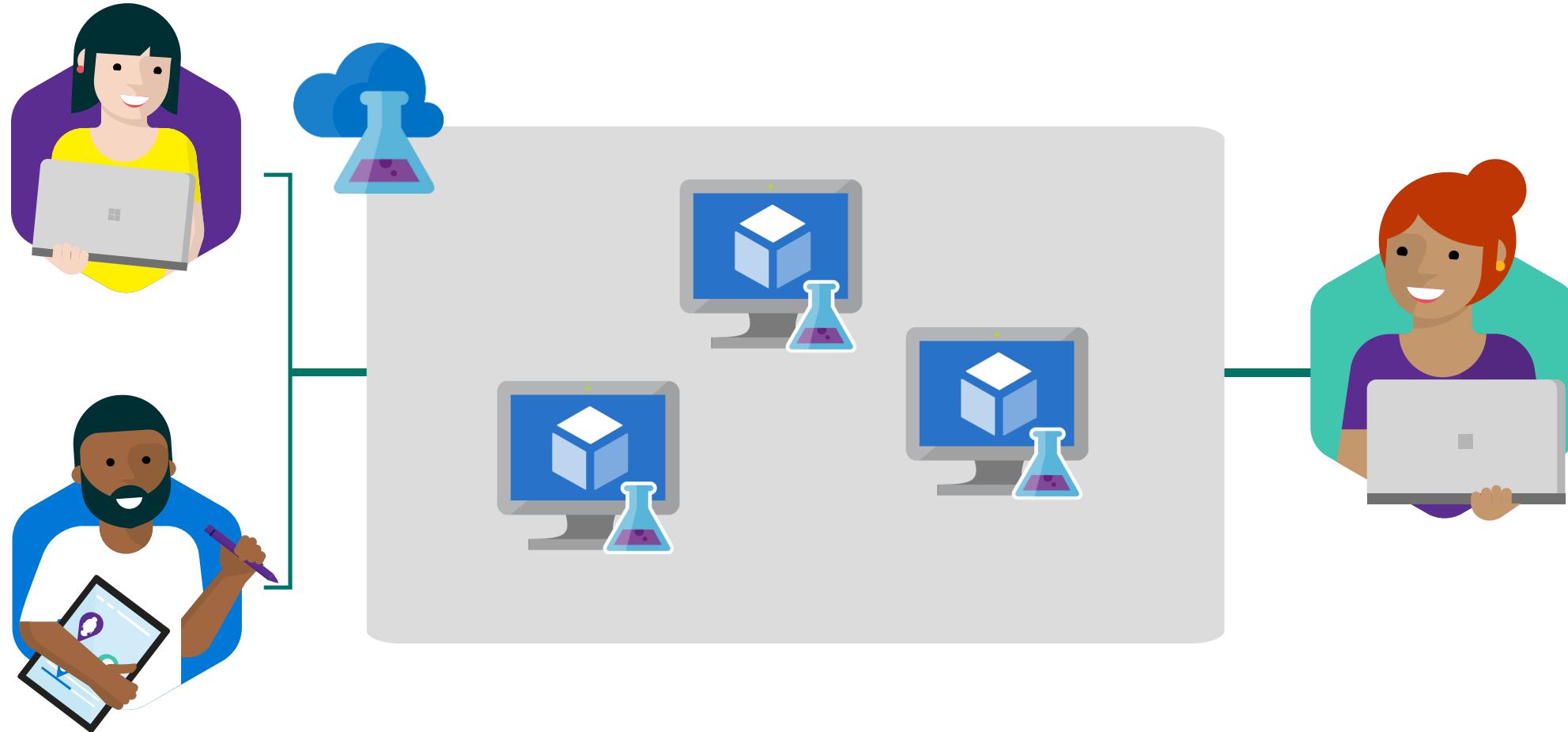
*"We are 3 people in IT
making sure 15,000
students don't break
their machines. This is
why we need Labs"*

Senior IT
Università Commerciale Luigi Bocconi



Università Commerciale
Luigi Bocconi

Trial / Hackathon / Demo



Exploring Dev/Test Lab

Agenda:

Create a lab

Set policies

Set virtual networks

Configure artifact repositories

Manage VM bases

Add lab users

Create a VM

Manage existing VMs

Create a Lab

InPrivate  https://ms.portal.azure.com/?Microsoft_Azure_DevTestLab=true&hubsExtension_ItemHideKey=ms-    Dashboard - Microsoft Azure 

Internal Microsoft Azure  Report bug Search resources       Azure Tools MICROSOFT 

☰

+ New

Resource groups

All resources

Recent

App Services

SQL databases

Virtual machines (classic)

Virtual machines

Cloud services (classic)

Subscriptions

DevTest Labs

Browse >

Dashboard |  Edit

 FabrikamLab

 Help + support

InPrivate  https://ms.portal.azure.com/?Microsoft_Azure_DevTestLab=true&hubsExtension_ItemHideKey=ms-    Dashboard - Microsoft Azure 

Internal Microsoft Azure 

Report bug Search resources       Azure Tools MICROSOFT 

  New

 Resource groups 

 All resources

 Recent

 App Services

 SQL databases

 Virtual machines (classic)

 Virtual machines

 Cloud services (classic)

 Subscriptions

 DevTest Labs

Browse >

dev 

DevTest Labs PREVIEW 

InPrivate https://ms.portal.azure.com/?Microsoft_Azure_DevTestLab=true&hubsExtension_ItemHideKey=ms- DevTest Labs - Microsoft Az...

Internal Microsoft Azure DevTest Labs Report bug Search resources

DevTest Labs Microsoft - PREVIEW

Add Columns Refresh

NAME	STATUS	SUBSCRIPTION
AdvisorDemoLab	Ready	CPT DevTest Integration Test
ankurprod	Ready	CPT DevTest Integration Test
ankurprodje	Ready	CPT DevTest Integration Test
ankurprodjw	Ready	CPT DevTest Integration Test
ArunBBLab1	Ready	CPT DevTest Integration Test
ArunDemo2	Ready	CPT DevTest Integration Test
BudgetITLab	Ready	CPT DevTest Integration Test
ccNewLab8	Ready	CPT DevTest Integration Test
ccRPPEastAsia	Ready	CPT DevTest Integration Test
ccRPPJanpanEast	Ready	CPT DevTest Integration Test
ccRRP-WestEurope	Ready	CPT DevTest Integration Test
ccRRP-WestUS	Ready	CPT DevTest Integration Test
ccTestEA2	Ready	CPT DevTest Integration Test
ccTestIbizaProd	Ready	CPT DevTest Integration Test
ccTestLab	Ready	CPT DevTest Integration Test
ccTestLab2	Ready	CPT DevTest Integration Test

125%

InPrivate https://ms.portal.azure.com/?Microsoft_Azure_DevTestLab=true&hubsExtension_ItemHideKey=ms-inte

Create a DevTest Lab - Mic...

Microsoft Azure DevTest Labs > Create a DevTest Lab

Report bug Search resources

Azure Tools MICROSOFT

New

Resource groups

All resources

Recent

App Services

SQL databases

Virtual machines (classic)

Virtual machines

Cloud services (classic)

Subscriptions

DevTest Labs

Browse >

Create a DevTest Lab

PREVIEW

Lab Name: FabrikamPremiumLab

Subscription: CPT DevTest Integration Test

* Location: East Asia

Auto shutdown: Enabled

Storage Type: Standard Premium (SSD)

Pin to dashboard

Create

InPrivate https://ms.portal.azure.com/?Microsoft_Azure_DevTestLab=true&hubsExtension_ItemHideKey=ms-inte

Auto shutdown - Microsoft ...

Microsoft Azure DevTest Labs > Create a DevTest Lab > Auto shutdown

Report bug Search resources

New Resource groups All resources Recent App Services SQL databases Virtual machines (classic) Virtual machines Cloud services (classic) Subscriptions DevTest Labs Browse >

Create a DevTest Lab PREVIEW

Lab Name: FabrikamPremiumLab

Subscription: CPT DevTest Integration Test

* Location: East Asia

Auto shutdown: Enabled

Scheduled shutdown: 19:00:00 (local time)

Storage Type: Standard Premium (SSD)

Pin to dashboard

Create OK

Azure Tools MICROSOFT

125%

InPrivate https://ms.portal.azure.com/?Microsoft_Azure_DevTestLab=true&hubsExtension_ItemHideKey=ms-inte

Create a DevTest Lab - Mic...

Microsoft Azure DevTest Labs > Create a DevTest Lab

Report bug

Search resources

Home Star Gear Smile

Azure Tools MICROSOFT

New

Resource groups

All resources

Recent

App Services

SQL databases

Virtual machines (classic)

Virtual machines

Cloud services (classic)

Subscriptions

DevTest Labs

Browse >

Create a DevTest Lab

PREVIEW

Lab Name: FabrikamPremiumLab

Subscription: CPT DevTest Integration Test

* Location: East Asia

Auto shutdown: Enabled

Storage Type: Premium (SSD)

Pin to dashboard

Create

Internal Microsoft Azure 

Dashboard |  Edit

 New

 Resource groups

 All resources

 Recent

 App Services

 SQL databases

 Virtual machines (classic)

 Virtual machines

 Cloud services (classic)

 Subscriptions

 DevTest Labs

Browse >

FabrikamLab 

Help + support

Submitting deployment for DevTest Labs

Deployment started... 4:35 PM

Report bug Search resources       Azure Tools MICROSOFT 

125%  

a couple of minutes
later...

https://ms.portal.azure.com/#resource/subscriptions/e605a3bc-ee4e-4c7a-9709-1868a28b1d4d/resourcegroups/FabrikamPremiumLabRG6570f

Microsoft Azure > FabrikamPremiumLab > Settings

Report bug

Search resources

xiao Ying Microsoft

FabrikamPremiumLab PREVIEW

Settings Refresh Lab VM Delete

Essentials My VMs

Add tiles +

NAME	STATUS	AUTOSTART	AUTOSHUTDOWN	BASE
Nothing to display				

Add tiles +

Getting started MSDN forum Feedback

Add a section +

Settings

FabrikamPremiumLab - PREVIEW

SUPPORT + TROUBLESHOOTING

- Troubleshoot
- Audit logs
- New support request

MANAGE

- Properties
- All VMs
- Artifact repositories
- Virtual networks

VM BASES

- Custom images
- Marketplace images
- Formulas

COST POLICIES

- Cost thresholds

VM POLICIES

150%

The screenshot displays the Microsoft Azure portal interface. The top navigation bar includes 'Preview UI', 'Microsoft Azure', 'FabrikamPremiumLab', 'Settings', 'Report bug', and a search bar. The main content area is titled 'FabrikamPremiumLab' and shows a preview of the lab environment. It includes sections for 'My VMs' (empty), 'Getting started', 'MSDN forum', and 'Feedback'. The right side features a large, open 'Settings' pane for the resource group. This pane is organized into several sections: 'SUPPORT + TROUBLESHOOTING' (Troubleshoot, Audit logs, New support request), 'MANAGE' (Properties, All VMs, Artifact repositories, Virtual networks), 'VM BASES' (Custom images, Marketplace images, Formulas), 'COST POLICIES' (Cost thresholds), and 'VM POLICIES'. A feedback tile with a red heart icon is also present in the center of the screen.

Set Policies

Preview UI

Microsoft Azure

Report bug

Search resources

x

xiao Ying@microsoft.com
MICROSOFT

Demo Dashboard

+ New dashboard

Edit dashboard

Share

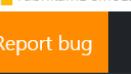
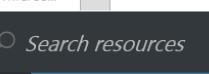
Fullscreen

Clone

Delete



FabrikamDemoLab

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourceGroups/xiaoyingTestNewDemoLab/p/         

Preview UI Microsoft Azure  FabrikamDemoLab Report bug Search resources        xiaoying@microsoft.c... MICROSOFT

FabrikamDemoLab PREVIEW

Settings Refresh Lab VM Delete

Essentials   

My VMs Add tiles 

NAME	STATUS	AUTOSTART	AUTOSHUTDOWN	BASE	...
DevBox001	 Running	 Opted-out	 Opted-in	Fabrikam Dev Box	
TestBox001	 Stopped	 Opted-out	 Opted-in	Windows Server 2012 R2 Datace...	
TestLatest0219	 Stopped	 Opted-out	 Opted-in	Fabrikam Latest Testing Build 02...	
testVSTSdeploy	 Stopped	 Opted-out	 Opted-in	Windows Server 2012 R2 Datace...	

Add tiles 

 Getting started  MSDN forum  Feedback  

Add a section 

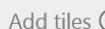
https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourceGroups/xiaoyingTestNewDemoLab/p/  

Microsoft Azure  FabrikamDemoLab > Settings  Search resources       xiaoying@microsoft.c... MICROSOFT

FabrikamDemoLab PREVIEW

Preview UI Microsoft Azure  FabrikamDemoLab > Settings Report bug Search resources       xiaoying@microsoft.c... MICROSOFT

FabrikamDemoLab PREVIEW

Essentials  My VMs Add tiles 

NAME	STATUS	AUTOSTART	AUTOSHUTDOWN	BASE
DevBox001	 Running	 Opted-out	 Opted-in	Fabrikam Dev Box
TestBox001	 Stopped	 Opted-out	 Opted-in	Windows Server 2012 R2 Datace...
TestLatest0219	 Stopped	 Opted-out	 Opted-in	Fabrikam Latest Testing Build 02...
testVSTSdeploy	 Stopped	 Opted-out	 Opted-in	Windows Server 2012 R2 Datace...

Add tiles 

Getting started  MSDN forum  Feedback 

Add a section 

Report bug Search resources      

Settings FabrikamDemoLab - PREVIEW

SUPPORT + TROUBLESHOOTING

-  Troubleshoot >
-  Audit logs >
-  New support request >

MANAGE

-  Properties >
-  All VMs >
-  Artifact repositories >
-  Virtual networks >

VM BASES

-  Custom images >
-  Marketplace images >
-  Formulas >

COST POLICIES

-  Cost thresholds >

VM POLICIES

150% 

https://ms.portal.azure.com/#blade/Microsoft_Azure_DevTestLab/CostThresholdPolicyBlade/id/%2Fsubscriptions%2Ff2756440-b605-4c6f-b69d-d8

Microsoft Azure DevTestLab_Build2016 Settings Cost thresholds Report bug Search resources

xiaoying@microsoft.c... MICROSOFT

Preview UI

Settings DevTestLab_Build2016 - PREVIEW

Add tiles +

SUPPORT + TROUBLESHOOTING

- Troubleshoot >
- Audit logs >
- New support request >

MANAGE

- Properties >
- All VMs >
- Artifact repositories >
- Virtual networks >

VM BASES

- Custom images >
- Marketplace images >
- Formulas >

COST POLICIES

- Cost thresholds > (highlighted)

VM POLICIES

Cost thresholds PREVIEW

Save Discard Feedback

This chart shows the estimated cost of the Lab for the current calendar month using Pay-As-You-Go offer rates.

Enabled On Off

Monthly estimated cost trend

ESTIMATED COST 129 USD PROJECTED COST 288 USD

This estimated cost does not consider the following factors:

- Your offer rates
- Your taxes
- Your discounts
- Your billing currency

150%

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourceGroups/xiaoyingTestNewDemoLab/p/   Allowed VM sizes - Microsoft

Preview UI Microsoft Azure > FabrikamDemoLab > Settings > Allowed VM sizes Report bug Search resources      

Settings
FabrikamDemoLab - PREVIEW

All VMs 

Artifact repositories 

Virtual networks 

VM BASES

Custom images 

Marketplace images 

Formulas 

COST POLICIES

Cost thresholds 

VM POLICIES

Allowed VM sizes  

Maximum VMs per user 

Total VMs allowed 

Auto shutdown 

Auto start 

RESOURCE MANAGEMENT

Users 

Tags 

Allowed VM sizes PREVIEW

Save Discard Feedback

VMs in this Lab are limited to Standard Storage because the Lab was created with Standard Storage. If you want to make use of the Premium Storage support in a VM size, create them in a Lab created with Premium Storage.

Enabled  

NAME	CORES	MEMORY IN GB
Standard_A0	1	0.75
Standard_A1	1	1.75
Standard_A2	2	3.5
Standard_A3	4	7
Standard_A5	2	14
Standard_A4	8	14
Standard_A6	4	28
Standard_A7	8	56
Basic_A0	1	0.75
Basic_A1	1	1.75
Basic_A2	2	3.5
Basic_A3	4	7
Basic_A4	8	14

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourceGroups/xiaoyingTestNewDemoLab/p... Microsoft Azure Maximum VMs per user - M... Report bug Search resources

xiaoying@microsoft.c... MICROSOFT

Preview UI Microsoft Azure > FabrikamDemoLab > Settings > Maximum VMs per user

Save Discard Feedback

Enabled On Off

Maximum VMs allowed per user 10

Settings FabrikamDemoLab - PREVIEW

Add tiles +

BASE

- Fabrikam Dev Box ...
- Windows Server 2012 R2 Datac... ...
- Fabrikam Latest Testing Build 02... ...
- Windows Server 2012 R2 Datac... ...

Add tiles +

All VMs

Artifact repositories

Virtual networks

VM BASES

- Custom images
- Marketplace images
- Formulas

COST POLICIES

- Cost thresholds

VM POLICIES

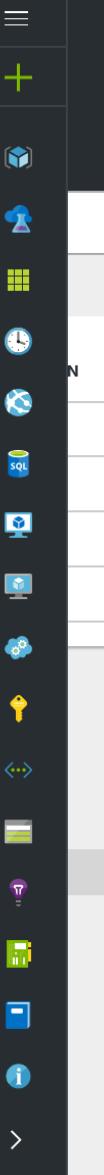
- Allowed VM sizes
- Maximum VMs per user**
- Total VMs allowed
- Auto shutdown
- Auto start

RESOURCE MANAGEMENT

- Users
- Tags

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourceGroups/xiaoyingTestNewDemoLab/p/   Total VMs allowed - Microsoft Azure

Preview UI Microsoft Azure > FabrikamDemoLab > Settings > Total VMs allowed Report bug Search resources x      xiaoying@microsoft.com MICROSOFT



Settings
FabrikamDemoLab - PREVIEW

Add tiles 

BASE

- Fabrikam Dev Box ...
- Windows Server 2012 R2 Datacenter ...
- Fabrikam Latest Testing Build 02
- Windows Server 2012 R2 Datacenter

Add tiles 

VM BASES

-  Custom images >
-  Marketplace images >
-  Formulas >

COST POLICIES

-  Cost thresholds >

VM POLICIES

-  Allowed VM sizes >
-  Maximum VMs per user >
-  Total VMs allowed > 
-  Auto shutdown >
-  Auto start >

RESOURCE MANAGEMENT

-  Users >
-  Tags >

Total VMs allowed

PREVIEW

Save Discard Feedback

Enabled  

Total VMs allowed in this lab  100

150% 

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourceGroups/xiaoyingTestNewDemoLab/pi

Microsoft Azure > FabrikamDemoLab > Settings > Auto shutdown

Report bug | Search resources

Save | Discard | Feedback

Auto shutdown - Microsoft ...

Settings

FabrikamDemoLab - PREVIEW

All VMs

Artifact repositories

Virtual networks

VM BASES

Custom images

Marketplace images

Formulas

COST POLICIES

Cost thresholds

VM POLICIES

Allowed VM sizes

Maximum VMs per user

Total VMs allowed

Auto shutdown

Auto start

RESOURCE MANAGEMENT

Users

Tags

Auto shutdown

PREVIEW

This policy applies auto-shutdown to all the lab VMs automatically. To opt-out individual VM... go to the lab VM blade.

Enabled

On

Scheduled shutdown (your local time)

21:00:00

Add tiles +

N

BASE

Fabrikam Dev Box

Windows Server 2012 R2 Datac...

Fabrikam Latest Testing Build 02...

Windows Server 2012 R2 Datac...

Add tiles +

150%

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourceGroups/xiaoyingTestNewDemoLab/pi

Auto start - Microsoft Azure

Microsoft Azure > FabrikamDemoLab > Settings > Auto start

Report bug Search resources

Save Discard Feedback

Settings
FabrikamDemoLab - PREVIEW

All VMs
Artifact repositories
Virtual networks

VM BASES

Custom images
Marketplace images
Formulas

COST POLICIES

Cost thresholds

VM POLICIES

Allowed VM sizes
Maximum VMs per user
Total VMs allowed
Auto shutdown
Auto start

RESOURCE MANAGEMENT

Users
Tags

Auto start

This policy does not automatically apply auto-start to any lab VMs. To opt-in individual VMs, go to the lab VM blade and enable auto-start.

Allow VMs to be scheduled for automatic start

On Off

Scheduled start (your local time)
08:00:00

DAY OF WEEK	TIME
Monday	08:00:00
Tuesday	08:00:00
Wednesday	08:00:00
Thursday	08:00:00
Friday	08:00:00
Saturday	08:00:00
Sunday	08:00:00

xiaoying@microsoft.c... MICROSOFT

150%

The screenshot shows the Microsoft Azure portal interface. On the left, there's a sidebar with various icons and a list of 'BASE' resources: 'Fabrikam Dev Box', 'Windows Server 2012 R2 Data...', 'Fabrikam Latest Testing Build 02...', and 'Windows Server 2012 R2 Data...'. Below this is a section for 'Add tiles'. The main navigation bar at the top includes 'Preview UI', 'Microsoft Azure', 'FabrikamDemoLab', 'Settings', 'Auto start', 'Report bug', 'Search resources', and several icons for reporting bugs, saving, discarding, and providing feedback. The 'Auto start' page is currently active, showing a preview status. It has sections for 'All VMs', 'Artifact repositories', and 'Virtual networks'. Under 'VM BASES', it lists 'Custom images', 'Marketplace images', and 'Formulas'. In the 'COST POLICIES' section, there's a link to 'Cost thresholds'. The 'VM POLICIES' section contains links for 'Allowed VM sizes', 'Maximum VMs per user', 'Total VMs allowed', 'Auto shutdown', and 'Auto start'. The 'Auto start' link is highlighted with a blue background. The 'RESOURCE MANAGEMENT' section includes 'Users' and 'Tags'. A note on the right states: 'This policy does not automatically apply auto-start to any lab VMs. To opt-in individual VMs, go to the lab VM blade and enable auto-start.' Below this, there's a toggle switch for 'Allow VMs to be scheduled for automatic start' (set to 'On'), a field for 'Scheduled start (your local time)' (set to '08:00:00'), and a table showing scheduled times for each day of the week from Monday to Sunday at 08:00:00. The bottom right corner shows the user's email 'xiaoying@microsoft.c...' and the Microsoft logo.

Set Virtual Networks

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourceGroups/xiaoyingTestNewDemoLab/provi

Virtual networks - Microsoft...

Microsoft Azure

FabrikamDemoLab > Settings > Virtual networks

Report bug

Search resources

xiaoying@microsoft.c... MICROSOFT

Preview UI

Settings

FabrikamDemoLab - PREVIEW

Add tiles +

TOSTART AUTOSHUTDOWN BASE

- Opted-out ✓ Opted-in fabrikam dev box ...
- Opted-out ✓ Opted-in Windows Server 2012 R2 Datace... ...
- Opted-out ✓ Opted-in Fabrikam Latest Testing Build 02... ...
- Opted-out ✓ Opted-in Windows Server 2012 R2 Datace... ...

Add tiles +

Feedback

Add a section +

Filter settings

SUPPORT + TROUBLESHOOTING

- Troubleshoot
- Audit logs
- New support request

MANAGE

- Properties
- All VMs
- Artifact repositories
- Virtual networks

VM BASES

- Custom images
- Marketplace images
- Formulas

COST POLICIES

- Cost thresholds

VM POLICIES

Virtual networks

Virtual networks used in lab - PREVIEW

Add Feedback

NAME	RESOURCE GROUP	STATUS	DESCRIPTION
DtlFabrikamDemoLabv...	xiaoyingtestnewdemolab	Ready	...

150%

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourceGroups/xiaoyingTestNewDemoLab/provi

Virtual network - Microsoft ...

Microsoft Azure

FabrikamDemoLab > Settings > Virtual networks > Virtual network

Report bug

Search resources

xiaoying@microsoft.c... MICROSOFT

Preview UI

Virtual networks

Virtual networks used in lab - PREVIEW

Add Feedback

NAME	RESOURCE GROUP	STATUS	DESCRIPTION
DtFabrikamDemoLab...	xiaoyingtestnewdemolab	Ready	...

Virtual network

PREVIEW

Save Discard

Virtual network
[Select virtual network]

Description

Subnets:

NAME	LAB SUBNET NAME	USE IN VM CREATION	ALLOW PUBLIC IP	MAX VMS PER USER
No results				

150%

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourceGroups/xiaoyingTestNewDemoLab/provi Choose virtual network - Mi... x

Preview UI Microsoft Azure Virtual networks > Virtual network > Choose virtual network Report bug Search resources x

Choose virtual network

Virtual network PREVIEW

Save Discard

TUS DESCRIPTION

dy ...

Virtual network [Select virtual network]

Description

Subnets:

NAME	LAB SUBNET NAME	USE IN VM CREATION	ALLOW PUBLIC IP	MAX VMS PER USER
No results				

These are the virtual networks in the selected subscription and location 'West US'.

- <> asdasdasvNet
asdasdas
- <> asdasdvNet
asdasd
- <> azurespinn8
azurespinn8
- <> DtlaxXYSharePointLabvNet
axysharepointlabrg351...
- <> DtlccTestLabvNet
cctestlabrg051004
- <> DtlContosoTeamLabvNet
contosoteamlabrg
- <> DtdemolabvNet
demolabrg481095
- <> DtlFabrikamDemoLabvNet
xiaoyingtestnewdemolab
- <> DtliourisLabvNet
iourisRG
- <> Dtliourisprom2
iourisprom2RG184883

150%

https://ms.portal.azure.com/#resource/subscriptions/28077388-3f00-4938-9481-e4e87bc59972/resourceGroups/SSW-DevTest-LabRG753812/pi

Virtual network - Microsoft ...

Preview UI Microsoft Azure SSW-DevTest-Lab > Settings > Virtual networks > Virtual network Report bug Search resources

xiaoying@microsoft.c... MICROSOFT

I networks

Feedback

NAME RESOURCE GROUP STATUS DESCRIPTION

CUSARMVENT	RGARMERVN100	Ready	VNet with ExpressRoute enabled
DtSSW-DevTest-LabvNet	ssw-devtest-labrg753812	Ready	

Virtual network PREVIEW

Save Discard

Virtual network CUSARMVENT

Description VNet with ExpressRoute enabled

Subnets:

NAME	LAB SUBNET NAME	USE IN VM CREATION	ALLOW PUBLIC IP	MAX VMS PER USER
Subnet-1	Subnet-1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unrestricted
GatewaySubnet	GatewaySubnet	<input type="checkbox"/>	<input type="checkbox"/>	Unrestricted

150%

Configure Artifact Repositories

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourceGroups/xiaoyingTestNewDemoLab/provi

Artifact repositories - Micro... x

Microsoft Azure > FabrikamDemoLab > Settings > Artifact repositories

Report bug

Search resources

xiaoying@microsoft.c... MICROSOFT

Preview UI

Settings

FabrikamDemoLab - PREVIEW

Add tiles (+)

BASE

- fabrikam dev box ...
- fabrikam dev box ...
- Windows Server 2012 R2 Datac... ...
- Fabrikam Latest Testing Build 02... ...
- Windows Server 2012 R2 Datac... ...

Add tiles (+)

SUPPORT + TROUBLESHOOTING

- Troubleshoot >
- Audit logs >
- New support request >

MANAGE

- Properties >
- All VMs >
- Artifact repositories > **Artifact repositories**
- Virtual networks >

VM BASES

- Custom images >
- Marketplace images >
- Formulas >

COST POLICIES

- Cost thresholds >

VM POLICIES

Artifact repositories

PREVIEW

Add Feedback

ARTIFACT REPOSITORY

- Public Repo ...
- FabrikamPrivateRepo ...

150%

The screenshot displays the Microsoft Azure portal interface. The main content area is titled 'Artifact repositories' with a 'PREVIEW' badge. It lists two entries: 'Public Repo' and 'FabrikamPrivateRepo', each with a three-dot menu icon. On the far left, there's a vertical sidebar with a 'BASE' section containing several base configurations (e.g., 'fabrikam dev box', 'Windows Server 2012 R2 Datac...', 'Fabrikam Latest Testing Build 02...'). Below this are sections for 'MANAGE' (Properties, All VMs, Artifact repositories, Virtual networks), 'VM BASES' (Custom images, Marketplace images, Formulas), and 'COST POLICIES' (Cost thresholds). The 'Artifact repositories' link in the 'MANAGE' section is highlighted with a blue selection bar. The top navigation bar includes a 'Report bug' button, a search bar, and various user and system icons. The top right corner shows the user's email (xiaoying@microsoft.c...) and a Microsoft logo.

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourceGroups/xiaoyingTestNewDemoLab/provi

Artifact repositories - Micro... x

Microsoft Azure < Settings > Artifact repositories > Artifact repositories Report bug Search resources

xiaoying@microsoft.c... MICROSOFT

Preview UI

Settings
FabrikamDemoLab - PREVIEW

+

Artifact repositories
PREVIEW

Add Feedback

ARTIFACT REPOSITORY

Public Repo

FabrikamPrivateRepod

Filter settings

SUPPORT + TROUBLESHOOTING

Troubleshoot

Audit logs

New support request

MANAGE

Properties

All VMs

Artifact repositories

Virtual networks

VM BASES

Custom images

Marketplace images

Formulas

COST POLICIES

Cost thresholds

VM POLICIES

Report bug

Search resources

Artifact repositories
PREVIEW

Save Discard

Valid

* Name
FabrikamPrivateRepod

Git Clone URI
https://xiaoying.visualstudio.com/DefaultCollection/_git/azure-devtestlabsdemo

Folder Path
AzureConDemo

Branch
master

Personal Access Token
Token has been saved in our vault. Enter a new token to update.

150%

Settings
FabrikamDemoLab - PREVIEW

Filter settings

SUPPORT + TROUBLESHOOTING

- Troubleshoot
- Audit logs
- New support request

MANAGE

- Properties
- All VMs
- Artifact repositories
- Virtual networks

VM BASES

- Custom images
- Marketplace images
- Formulas

COST POLICIES

- Cost thresholds

VM POLICIES

Artifact repositories
PREVIEW

Add Feedback

ARTIFACT REPOSITORY

Public Repo
FabrikamPrivateRepo

Pin to dashboard ⚡

Delete

Disable

Go to repository

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourceGroups/xiaoyingTestNewDemoLab/provi

Artifact repositories - Micro... x

Report bug

Search resources

xiaoying@microsoft.c... MICROSOFT

Settings
FabrikamDemoLab - PREVIEW

+

Feedback

Filter settings

SUPPORT + TROUBLESHOOTING

- Troubleshoot >
- Audit logs >
- New support request >

MANAGE

- Properties >
- All VMs >
- Artifact repositories > **Selected**
- Virtual networks >

VM BASES

- Custom images >
- Marketplace images >
- Formulas >

COST POLICIES

- Cost thresholds >

VM POLICIES

Artifact repositories

PREVIEW

ARTIFACT REPOSITORY

- Public Repo (Disabled) ...
- FabrikamPrivateRepo ...

Successfully disabled artifact repository Pu... 6:02 PM
Disabling artifact repository Public Repo

150%

This screenshot shows the Microsoft Azure Settings interface for the 'FabrikamDemoLab' resource group. The left sidebar contains various management options like Troubleshoot, Audit logs, and Virtual networks. The 'Artifact repositories' option is selected and highlighted in blue. The main pane displays the 'Artifact repositories' preview, listing two repositories: 'Public Repo (Disabled)' and 'FabrikamPrivateRepo'. A success message at the top right indicates that the 'Public Repo' was successfully disabled. The bottom right corner shows a zoom level of 150%.

Manage VM Bases

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourceGroups/xiaoyingTestNewDemoLab/provi

Custom images - Microsoft ...

Report bug

Search resources

xiaoying@microsoft.c... MICROSOFT

Preview UI Microsoft Azure > FabrikamDemoLab > Settings > Custom images

Settings

FabrikamDemoLab - PREVIEW

Add tiles +

TOSHUTDOWN BASE

- Opted-in fabrikam dev box ...
- Opted-in fabrikam dev box ...
- Opted-in Windows Server 2012 R2 Datace... ...
- Opted-in Fabrikam Latest Testing Build 02... ...
- Opted-in Windows Server 2012 R2 Datace... ...

Add tiles +

Custom images

Manage Custom images - PREVIEW

Custom Image Feedback

Filter settings

SUPPORT + TROUBLESHOOTING

- Troubleshoot >
- Audit logs >
- New support request >

MANAGE

- Properties >
- All VMs >
- Artifact repositories >
- Virtual networks >

VM BASES

- Custom images >
- Marketplace images >
- Formulas >

COST POLICIES

- Cost thresholds >

VM POLICIES

NAME	PUBLISHER	STATUS	DESCRIPTION	...
Fabrikam Dev Box	xiaoying@microsoft.com	Ready	Fabrikam Dev box environment	...
Fabrikam Latest Testing...	xiaoying@microsoft.com	Ready	Latest testing build 100219 from VSO	...
Fabrikam Test Box	xiaoying@microsoft.com	Ready	Fabrikam Test box environment	...

150%

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourceGroups/xiaoyingTestNewDemoLab/provi

Microsoft Azure > FabrikamDemoLab > Settings > Marketplace images

Report bug Search resources

xiaoying@microsoft.c... MICROSOFT

Settings

FabrikamDemoLab - PREVIEW

Marketplace images

PREVIEW

Save Discard Feedback

Allow all Azure Marketplace images as VM bases:

Yes No

Allowed images

Select all Search to filter items...

NAME	PUBLISHER	OS TYPE
CoreOS Alpha (1010.1.0)	CoreOS	Linux
JDK 8	Microsoft	Windows
Oracle Database 12c Enterprise Edition	Microsoft	Windows
SQL Server 2014 SP1 Enterprise on Windows Server 2012 R2	Microsoft	Windows
Visual Studio Community 2015 with Azure SDK 2.8 on Windows Server 2012 R2	Microsoft	Windows
Visual Studio Enterprise 2015 with Azure SDK 2.8 on Windows Server 2012 R2	Microsoft	Windows
Windows Server 2012 R2 Datacenter	Microsoft	Windows
BizTalk Server 2013 Enterprise	Microsoft	Windows
BizTalk Server 2013 R2 Enterprise	Microsoft	Windows
BizTalk Server 2013 R2 Standard	Microsoft	Windows
BizTalk Server 2013 Standard	Microsoft	Windows
CentOS-based 6.5	OpenLogic	Linux
CentOS-based 6.6	OpenLogic	Linux
CentOS-based 6.7	OpenLogic	Linux

Add tiles +

Troubleshoot

Audit logs

New support request

Properties

All VMs

Artifact repositories

Virtual networks

Custom images

Marketplace images

Formulas

Cost thresholds

VM Policies

150%

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourceGroups/xiaoyingTestNewDemoLab/provi

Microsoft Azure > FabrikamDemoLab > Settings > Lab formulas > Update formula

Report bug | Search resources

Settings
FabrikamDemoLab - PREVIEW

Lab formulas
PREVIEW

Add Feedback

Filter settings

SUPPORT + TROUBLESHOOTING

- Troubleshoot
- Audit logs
- New support request

MANAGE

- Properties
- All VMs
- Artifact repositories
- Virtual networks

VM BASES

- Custom images
- Marketplace images
- Formulas

COST POLICIES

- Cost thresholds

VM POLICIES

Update formula
Configure settings - PREVIEW

Formula name: DevBoxWithCodeEnlistment

Description: Fabrikam Dev Box with the latest code enlistment and Fiddler 4.

Image: Fabrikam Dev Box

VM Size: Standard_A3

Virtual network: DtlFabrikamDemoLabvNet

Subnet: DtlFabrikamDemoLabSubnet

Public IP address: Yes

Artifacts: 2 artifact(s) selected

Update

150%

Add Lab Users

https://ms.portal.azure.com/#blade/Microsoft_Azure_AD/UserAssignmentsBlade/scope/%2Fsubscriptions%2F1b06d457-b995-4369-9370-27720b8c

Microsoft Azure > FabrikamDemoLab > Settings > Users

Report bug | Search resources

xiaoying@microsoft.com MICROSOFT

Preview UI

Settings
FabrikamDemoLab - PREVIEW

Artifact repositories >
Virtual networks >

VM BASES

Custom images >
Marketplace images >
Formulas >

COST POLICIES

Cost thresholds >

VM POLICIES

Allowed VM sizes >
Maximum VMs per user >
Total VMs allowed >
Auto shutdown >
Auto start >

RESOURCE MANAGEMENT

Users > Tags >

Users

FabrikamDemoLab

Add Roles

USER	ROLE	ACCESS
dtl-dev	Owner, Contributor	Inherited

Report bug | Search resources

4 | Pencil | Gear | Smile | Question | User

150%

This screenshot shows the Microsoft Azure portal interface. The left sidebar contains a navigation tree with sections like Settings, Artifact repositories, Virtual networks, VM BASES, COST POLICIES, VM POLICIES, RESOURCE MANAGEMENT, and a preview section. The RESOURCE MANAGEMENT section is currently active, showing 'Users' and 'Tags'. The main content area displays the 'Users' blade for the 'FabrikamDemoLab' subscription. It lists a single user assignment: 'dtl-dev' with 'Owner, Contributor' role and 'Inherited' access. The top right features a search bar, a report bug button, and several quick access icons.

https://ms.portal.azure.com/#blade/Microsoft_Azure_AD/UserAssignmentsBlade/scope/%2Fsubscriptions%2F1b06d457-b995-4369-9370-27720b8c Select a role - Microsoft Az... x

Microsoft Azure > FabrikamDemoLab > Settings > Users > Add access > Select a role Report bug Search resources

Preview UI

Users

Add Roles

Artifact repositories >

Virtual networks >

VM BASES

Custom images >

Marketplace images >

Formulas >

COST POLICIES

Cost thresholds >

VM POLICIES

Allowed VM sizes >

Maximum VMs per user >

Total VMs allowed >

Auto shutdown >

Auto start >

RESOURCE MANAGEMENT

Users >

Tags >

Add access

Select a role

1 Select a role
None selected

2 Add users
None selected

OK

Search resources

Report bug

Search resources

150%

Owner

Contributor

Reader

Azure Service Deploy Release M...

DevTest Labs User

User Access Administrator

xiaoying@microsoft.c... MICROSOFT

https://ms.portal.azure.com/#blade/Microsoft_Azure_AD/UserAssignmentsBlade/scope/%2Fsubscriptions%2F1b06d457-b995-4369-9370-27720b8c Add users - Microsoft Azure

Microsoft Azure > FabrikamDemoLab > Settings > Users > Add access > Add users Report bug Search resources

Preview UI

Users

Add Roles

USER	ROLE	ACCESS
dtl-dev	Owner, Contributor	Inherited

Add access

Add users

User: gxy001@hotmail.com

1 Select a role DevTest Labs User

2 Add users None selected

Selected users: gxy001@hotmail.com

OK Select

Artifact repositories

Virtual networks

VM BASES

- Custom images
- Marketplace images
- Formulas

COST POLICIES

- Cost thresholds

VM POLICIES

- Allowed VM sizes
- Maximum VMs per user
- Total VMs allowed
- Auto shutdown
- Auto start

RESOURCE MANAGEMENT

- Users
- Tags

xiaoying@microsoft.com MICROSOFT

150%

https://ms.portal.azure.com/#blade/Microsoft_Azure_AD/UserAssignmentsBlade/scope/%2Fsubscriptions%2F1b06d457-b995-4369-9370-27720b8c Add access - Microsoft Azure

Microsoft Azure > FabrikamDemoLab > Settings > Users > Add access

Report bug Search resources

xiaoying@microsoft.com MICROSOFT

Preview UI

Settings
FabrikamDemoLab - PREVIEW

Artifact repositories
Virtual networks

VM BASES

Custom images
Marketplace images
Formulas

COST POLICIES

Cost thresholds

VM POLICIES

Allowed VM sizes
Maximum VMs per user
Total VMs allowed
Auto shutdown
Auto start

RESOURCE MANAGEMENT

Users
Tags

Users
FabrikamDemoLab

Add Roles

USER	ROLE	ACCESS
dtl-dev	Owner, Contributor	Inherited

Add access
FabrikamDemoLab

1 Select a role DevTest Labs User ✓

2 Add users 1 user, 0 groups ✓

OK

150%

The screenshot shows the Microsoft Azure portal interface. The left sidebar contains navigation links for Settings, Artifact repositories, Virtual networks, VM BASES (Custom images, Marketplace images, Formulas), COST POLICIES (Cost thresholds), VM POLICIES (Allowed VM sizes, Maximum VMs per user, Total VMs allowed, Auto shutdown, Auto start), and RESOURCE MANAGEMENT (Users, Tags). The 'Users' link under RESOURCE MANAGEMENT is highlighted. The main content area shows the 'Add access' blade for the 'FabrikamDemoLab' subscription. It lists a user 'dtl-dev' with a role of 'Owner, Contributor' and access set to 'Inherited'. A modal window titled 'Add access' is open, showing two steps: selecting a role (DevTest Labs User) and adding users (1 user, 0 groups). The 'OK' button at the bottom of the modal is visible.

https://ms.portal.azure.com/#blade/Microsoft_Azure_AD/UserAssignmentsBlade/scope/%2Fsubscriptions%2F1b06d457-b995-4369-9370-27720b8c

Users - Microsoft Azure

Report bug

Search resources

5

Preview UI Microsoft Azure FabrikamDemoLab > Settings > Users

Settings FabrikamDemoLab - PREVIEW

Artifact repositories

Virtual networks

VM BASES

Custom images

Marketplace images

Formulas

COST POLICIES

Cost thresholds

VM POLICIES

Allowed VM sizes

Maximum VMs per user

Total VMs allowed

Auto shutdown

Auto start

RESOURCE MANAGEMENT

Users

Tags

Users

FabrikamDemoLab

Add Roles

USER	ROLE	ACCESS
dtl-dev	Owner, Contributor	Inherited
gxy001@hotmail.com	DevTest Labs User	Assigned

Added user
gxy001@hotmail.com was added as DevTest Labs User for
FabrikamDemoLab.

6:18 PM

150%

This screenshot shows the Microsoft Azure portal interface, specifically the 'Users' blade under the 'Settings' section for the 'FabrikamDemoLab' resource group. The left sidebar lists various management categories like Artifact repositories, Virtual networks, and Resource Management. The 'Users' item in the Resource Management section is currently selected. The main content area displays a table of users assigned to the 'FabrikamDemoLab' scope. It includes columns for 'USER', 'ROLE', and 'ACCESS'. Two users are listed: 'dtl-dev' with roles 'Owner, Contributor' and access 'Inherited', and 'gxy001@hotmail.com' with role 'DevTest Labs User' and access 'Assigned'. A success message in the top right corner indicates that 'gxy001@hotmail.com' was added as a DevTest Labs User. The overall theme is dark blue, and the Azure logo is visible in the top right corner.

Create a VM

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourceGroups/xiaoyingTestNewDemoLab/p...             

Preview UI Microsoft Azure  FabrikamDemoLab Report bug Search resources          xiaoying@microsoft.c... MICROSOFT

FabrikamDemoLab PREVIEW     

Essentials   

My VMs Add tiles 

NAME	STATUS	AUTOSTART	AUTOSHUTDOWN	BASE	...
DevBox001	 Running	 Opted-out	 Opted-in	Fabrikam Dev Box	
TestBox001	 Stopped	 Opted-out	 Opted-in	Windows Server 2012 R2 Datace...	
TestLatest0219	 Stopped	 Opted-out	 Opted-in	Fabrikam Latest Testing Build 02...	
testVSTSdeploy	 Stopped	 Opted-out	 Opted-in	Windows Server 2012 R2 Datace...	

Add tiles 

 Getting started  MSDN forum  Feedback  

Add a section 

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourceGroups/xiaoyingTestNewDemoLab/provi Choose a base - Microsoft ...

Preview UI Microsoft Azure FabrikamDemoLab > Choose a base Report bug Search resources x

FabrikamDemoLab PREVIEW

Settings Refresh Lab VM Delete

Essentials v

My VMs Add tiles +

NAME	STATUS	AUTOSTART	AUTOSHUTDOWN	BASE	...
DevBox001	Running	Opted-out	Opted-in	fabrikam dev box	...
TestBox001	Stopped	Opted-out	Opted-in	Windows Server 2012 R2 Datace...	...
TestLatest0219	Stopped	Opted-out	Opted-in	Fabrikam Latest Testing Build 02...	...
testVSTSdeploy	Stopped	Opted-out	Opted-in	Windows Server 2012 R2 Datace...	...

Add tiles +

Getting started MSDN forum Feedback

Add a section +

Choose a base PREVIEW

Search to filter items...

NAME	PUBLISHER	OS TYPE	...
DevBoxWithCodeEnlistment	xiaoying@m...	Windows	...
Fabrikam Dev Box	xiaoying@m...	Windows	...
Fabrikam Latest Testing Build 0219	xiaoying@m...	Windows	...
Fabrikam Test Box	xiaoying@m...	Windows	...
CoreOS Alpha (1010.1.0)	CoreOS	Linux	...
JDK 8	Microsoft	Windows	...
Oracle Database 12c Enterprise Edition	Microsoft	Windows	...
SQL Server 2014 SP1 Enterprise on Windows Server 2012 R2	Microsoft	Windows	...
Visual Studio Community 2015 with Azure SDK 2.8 on Windo...	Microsoft	Windows	...
Visual Studio Enterprise 2015 with Azure SDK 2.8 on Window...	Microsoft	Windows	...
Windows Server 2012 R2 Datacenter	Microsoft	Windows	...

Cancel

150%

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourceGroups/xiaoyingTestNewDemoLab/provi

Microsoft Azure > FabrikamDemoLab > Choose a base > Lab VM

Report bug Search resources

xiaoying@microsoft.c... MICROSOFT

Choose a base PREVIEW

Search to filter items...

NAME	PUBLISHER	OS TYPE
DevBoxWithCodeEnlistment	xiaoying@m...	Windows
Fabrikam Dev Box	xiaoying@m...	Windows
Fabrikam Latest Testing Build 0219	xiaoying@m...	Windows
Fabrikam Test Box	xiaoying@m...	Windows
CoreOS Alpha (1010.1.0)	CoreOS	Linux
JDK 8	Microsoft	Windows
Oracle Database 12c Enterprise Edition	Microsoft	Windows
SQL Server 2014 SP1 Enterprise on Windows Server 2012 R2	Microsoft	Windows
Visual Studio Community 2015 with Azure SDK 2.8 on Windo...	Microsoft	Windows
Visual Studio Enterprise 2015 with Azure SDK 2.8 on Window...	Microsoft	Windows
Windows Server 2012 R2 Datacenter	Microsoft	Windows

Add tiles +

Cancel Create

Lab VM Configure settings - PREVIEW

Lab VM Name: DevBox002

* Image: Fabrikam Dev Box

VM Size: Standard_A3

* Virtual network: DtlFabrikamDemoLabvNet

* Subnet: DtlFabrikamDemoLabSubnet

Public IP address: Yes

Artifacts: 2 artifact(s) selected

View ARM template

150%

This screenshot shows the Microsoft Azure portal interface for creating a new Lab VM. The left sidebar has 'Preview UI' selected. The main navigation path is 'FabrikamDemoLab > Choose a base > Lab VM'. A search bar at the top right contains 'Search resources'. On the far right, there's a user profile for 'xiaoying@microsoft.c...' and a 'MICROSOFT' logo. The central area displays two windows: 'Choose a base' (PREVIEW) showing a list of available base images, and 'Lab VM' (Configure settings - PREVIEW) where configuration details like VM name, image, size, and network are being set. The 'Lab VM' window includes a 'Public IP address' toggle, artifact selection, and an ARM template view option. At the bottom, there are 'Cancel' and 'Create' buttons.

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourceGroups/xiaoyingTestNewDemoLab/provi

Choose a size - Microsoft A...

Report bug

Search resources

xiaoying@microsoft.c... MICROSOFT

Preview UI Microsoft Azure > FabrikamDemoLab > Choose a base > Lab VM > Choose a size

Lab VM

Configure settings - PREVIEW

PUBLISHER OS TYPE

- xiaoying@m... Windows ...
- xiaoying@m... Windows ...
- xiaoying@m... Windows ...
- xiaoying@m... Windows ...
- CoreOS Linux ...
- Microsoft Windows ...
- Windows Server 2012 R2 Microsoft Windows ...
- Azure SDK 2.8 on Windo... Microsoft Windows ...
- Azure SDK 2.8 on Window... Microsoft Windows ...
- Microsoft Windows ...

Lab VM Name: DevBox002

* Image: Fabrikam Dev Box

VM Size: Standard_A3

* Virtual network: DtlFabrikamDemoLabvNet

* Subnet: DtlFabrikamDemoLabSubnet

Public IP address: Yes

Artifacts: 2 artifact(s) selected

View ARM template

Create

Choose a size

Browse the available sizes and their features

A2 Standard	A3 Standard	A4 Standard
2 Cores	4 Cores	8 Cores
3.5 GB	7 GB	14 GB
4 Data disks	8 Data disks	16 Data disks
4x500 Max IOPS	8x500 Max IOPS	16x500 Max IOPS
Load balancing	Load balancing	Load balancing
Auto scale	Auto scale	Auto scale
133.92 USD/MONTH (ESTIMATED)		
A5 Standard	A6 Standard	
2 Cores	4 Cores	
14 GB	28 GB	
4 Data disks	8 Data disks	
4x500 Max IOPS	8x500 Max IOPS	
Load balancing	Load balancing	
Auto scale	Auto scale	
267.84 USD/MONTH (ESTIMATED)		
535.68 USD/MONTH (ESTIMATED)		

Select

150%

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourceGroups/xiaoyingTestNewDemoLab/pi

Microsoft Azure > FabrikamDemoLab > Choose a base > Lab VM > Lab VM

Report bug Search resources

xiaoying@microsoft.com MICROSOFT

Preview UI

Lab VM

Configure settings - PREVIEW

Lab VM Name: DevBox002

* Image: Fabrikam Dev Box

VM Size: Standard_A3

* Virtual network: DtlFabrikamDemoLabNet

* Subnet: DtlFabrikamDemoLabSubnet

Public IP address: Yes

Artifacts: 2 artifact(s) selected

View ARM template

Create

VNET with Express Route.

Detailed description: This screenshot shows the Microsoft Azure portal interface for creating a new Lab VM. The main window displays a list of available VM images from various publishers. A modal dialog titled 'Lab VM' is open, showing configuration options for the new VM. The 'Virtual network' dropdown is set to 'DtlFabrikamDemoLabNet', which is highlighted with a tooltip indicating it has an 'Express Route'. The 'Create' button at the bottom left of the modal is visible.

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourceGroups/xiaoyingTestNewDemoLab/provi

Selected Artifacts - Microsoft

Microsoft Azure < Choose a base > Lab VM > Add Artifacts > Selected Artifacts Report bug Search resources

Preview UI

Lab VM Configure settings - PREVIEW

PUBLISHER OS TYPE

- xiaoying@m... Windows ...
- xiaoying@m... Windows ...
- xiaoying@m... Windows ...
- xiaoying@m... Windows ...
- CoreOS Linux ...
- Microsoft Windows ...
- Microsoft Microsoft Windows ...
- Windows Server 2012 R2 Microsoft Windows ...
- Azure SDK 2.8 on Windo... Microsoft Windows ...
- Azure SDK 2.8 on Window... Microsoft Windows ...
- Microsoft Windows ...

Lab VM Name DevBox002

* Image Fabrikam Dev Box

VM Size Standard_A3

* Virtual network azurespinn8

* Subnet default

Public IP address Yes No

Artifacts 2 artifact(s) selected

View ARM template

Create

Add Artifacts PREVIEW

Feedback

2 artifact(s) selected

Search to filter items...

NAME	DESCRIPTION	REPOSITORY
Fabrikam Dashboard	VSO drop of Dashboard	FabrikamPrivateRepo
Fabrikam Finance Interface	Deploy interface to SAP	FabrikamPrivateRepo
7-Zip	Installs 7-Zip using the Ch...	Public Repo
Atom	Installs Atom using the Ch...	Public Repo
Azure PowerShell	Installs the latest version...	Public Repo
Chef Client	Downloads and installs th...	Public Repo
Chrome	Installs Chrome using the...	Public Repo
Clone a git repository	Installs git and clones spe...	Public Repo
Create a web shortcut	Creates a shortcut to an i...	Public Repo
Download File from URI	Downloads a file from a U...	Public Repo
Download VSTS Drop and...	Downloads the latest buil...	Public Repo
Enable local administrators	Enables local administrato...	Public Repo
Fiddler4	Installs Fiddler4 using the...	Public Repo

OK

Selected Artifacts PREVIEW

NAME

Fiddler4

Clone a git repository ...

OK

150%

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourceGroups/xiaoyingTestNewDemoLab/provi

View Azure Resource Mana... x

Microsoft Azure < Choose a base > Lab VM > View Azure Resource Manager Template Report bug Search resources x

xiaoying@microsoft.c... MICROSOFT

Preview UI

Lab VM

Configure settings - PREVIEW

Lab VM Name: DevBox002

* Image: Fabrikam Dev Box

VM Size: Standard_A3

* Virtual network: azurespinn8

* Subnet: default

Public IP address: No

Artifacts: 2 artifact(s) selected

View ARM template

Create OK

View Azure Resource Manager Template

Copy and save the template to create the same Lab VM later - PREVIEW

```
1 {
2   "$schema": "https://schema.management.azure.com/schemas/2015-01-01/deploymentTemplate.json",
3   "contentVersion": "1.0.0.0",
4   "parameters": {
5     "name": {
6       "type": "string",
7       "defaultValue": "DevBox002"
8     },
9     "labName": {
10      "type": "string",
11      "defaultValue": "FabrikamDemoLab"
12    },
13     "userName": {
14       "type": "string",
15       "defaultValue": ""
16     },
17     "size": {
18       "type": "string",
19       "defaultValue": "Standard_A3"
20     },
21     "password": {
22       "type": "securestring"
23     },
24     "Clone_a_git_repository.GitRepoURI": {
25       "type": "string",
26       "defaultValue": "https://xiaoying.visualstudio.com/DefaultCollection/_git/azure-devtestlabsde"
27     },
28     "Clone_a_git_repository.Destination": {
29       "type": "string",
30       "defaultValue": "C:\\\\Repos"
31     }
32 }
```

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourceGroups/xiaoyingTestNewDemoLab/provi

FabrikamDemoLab - Micros...

Report bug

Search resources

xiaoying@microsoft.c... MICROSOFT

FabrikamDemoLab PREVIEW

Settings Refresh Lab VM Delete

Essentials

Add tiles +

NAME	STATUS	AUTOSTART	AUTOSHUTDOWN	BASE
DevBox001	Running	Opted-out	Opted-in	fabrikam dev box
TestBox001	Stopped	Opted-out	Opted-in	Windows Server 2012 R2 Datace...
TestLatest0219	Stopped	Opted-out	Opted-in	Fabrikam Latest Testing Build 02...
testVSTSdeploy	Stopped	Opted-out	Opted-in	Windows Server 2012 R2 Datace...

Add tiles +

Getting started

MSDN forum

Feedback

Add a section +

Creating Lab VM DevBox002 2:59 PM

150%

The screenshot shows the Microsoft Azure Preview UI for the 'FabrikamDemoLab' resource group. The left sidebar contains various icons for different services like Storage, Compute, and Networking. The main area displays a table of 'My VMs' with columns for NAME, STATUS, AUTOSTART, AUTOSHUTDOWN, and BASE. The table lists four VMs: 'DevBox001' (Running, Opted-out, Opted-in, fabrikam dev box), 'TestBox001' (Stopped, Opted-out, Opted-in, Windows Server 2012 R2 Datace...), 'TestLatest0219' (Stopped, Opted-out, Opted-in, Fabrikam Latest Testing Build 02...), and 'testVSTSdeploy' (Stopped, Opted-out, Opted-in, Windows Server 2012 R2 Datace...). Below the table are three tiles: 'Getting started' (cloud icon), 'MSDN forum' (MSDN logo), and 'Feedback' (red heart icon). A progress bar at the top right indicates 'Creating Lab VM DevBox002' at 2:59 PM. The bottom right corner shows a zoom level of 150%.

Manage Existing VMs

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourcegroups/xiaoyingtestnewdemolab/providers/Microsoft.DevTestLabs/devtestlабs/DevBox001

Microsoft Azure > FabrikamDemoLab > DevBox001

Report bug Search resources

FabrikamDemoLab PREVIEW

Settings Refresh Lab VM Delete

Essentials Add tiles +

My VMs

NAME	STATUS	AUTOSTART	AUTOSHUTDOWN	BASE
DevBox001	Running	Opted-out	Opted-in	fabrikam dev box
DevBox002	Running	Opted-out	Opted-in	fabrikam dev box
TestBox001	Stopped	Opted-out	Opted-in	Windows Server 2012 R2 Datacenter
TestLatest0219	Stopped	Opted-out	Opted-in	Fabrikam Latest Testing Build 0219
testVSTSdeploy	Stopped	Opted-out	Opted-in	Windows Server 2012 R2 Datacenter

Add tiles +

Getting started MSDN forum Feedback

DevBox001 DevTest Labs Virtual Machine - PREVIEW

Settings Connect Start Stop Delete Artifacts

Running

Essentials Add tiles +

Enable/Disable Schedules

OPT-IN	TIME	NOTES
<input type="checkbox"/>	08:00	Mon Tue Wed Thu Fri
<input checked="" type="checkbox"/>	21:00	

* The scheduled time of Auto-start and Auto-shutdown are defined in the lab settings.

Add a section +

xiaoying@microsoft.com MICROSOFT

150%

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourcegroups/xiaoyingtestnewdemolab/providers/Microsoft.DevTestLabs/devtestlabsvirtualmachines/DevBox001

DevBox001 - Microsoft Azure

Preview UI Microsoft Azure > FabrikamDemoLab > DevBox001 Report bug Search resources

FabrikamDemoLab PREVIEW

Settings Refresh Lab VM Delete

Essentials My VMs Add tiles +

NAME	STATUS	AUTOSTART	AUTOSHUTDOWN	BASE
DevBox001	Running	Opted-out	Opted-in	fabrikam dev box
DevBox002	Running	Opted-out	Opted-in	fabrikam dev box
TestBox001	Stopped	Opted-out	Opted-in	Windows Server 2012 R2 Datacenter
TestLatest0219	Stopped	Opted-out	Opted-in	Fabrikam Latest Testing Build 0219
testVSTSdeploy	Stopped	Opted-out	Opted-in	Windows Server 2012 R2 Datacenter

Add tiles +

Getting started MSDN forum Feedback

Add a section +

DevBox001 DevTest Labs Virtual Machine - PREVIEW

Updating virtual machine settings 3:04 PM

Running

Essentials

Enable/Disable Schedules

OPT-IN	TIME	NOTES
Auto-start*	08:00	Mon Tue Wed Thu Fri
Auto-shutdown*	21:00	

* The scheduled time of Auto-start and Auto-shutdown are defined in the lab settings.

Add a section +

150%

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourcegroups/xiaoyingtestnewdemolab/providers/Microsoft.DevTestLabs/virtualmachines/DevBox001

Report bug

Search resources

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Preview UI Microsoft Azure FabrikamDemoLab > DevBox001 > Apply Artifacts

DevBox001 DevTest Labs Virtual Machine - PREVIEW

Settings Connect Start Stop Delete Artifacts

Running

Add tiles +

Essentials

Add tiles +

Enable/Disable Schedules

OPT-IN	TIME	NOTES
<input checked="" type="checkbox"/>	08:00	Mon Tue Wed Thu Fri
<input checked="" type="checkbox"/>	21:00	

* The scheduled time of Auto-start and Auto-shutdown are defined in the lab settings.

Add a section +

Feedback

Search to filter items...

NAME	DESCRIPTION	REPOSITORY
Fabrikam Dashboard	VSO drop of Dashboard	FabrikamPrivateRepos
Fabrikam Finance Interface	Deploy interface to SAP	FabrikamPrivateRepos
7-Zip	Installs 7-Zip using the Ch...	Public Repo
Atom	Installs Atom using the Ch...	Public Repo
Azure PowerShell	Installs the latest version...	Public Repo
Chef Client	Downloads and installs th...	Public Repo
Chrome	Installs Chrome using the...	Public Repo
Clone a git repository	Installs git and clones spe...	Public Repo
Create a web shortcut	Creates a shortcut to an i...	Public Repo
Download File from URI	Downloads a file from a U...	Public Repo
Download VSTS Drop and...	Downloads the latest buil...	Public Repo
Enable local administrators	Enables local administrato...	Public Repo
Fiddler4	Installs Fiddler4 using the...	Public Repo
Firefox	Installs Firefox using the C...	Public Repo

Apply

150%

The screenshot shows the Microsoft Azure DevTest Labs interface for a virtual machine named DevBox001. The main pane displays the 'Running' status of the machine. On the left, a sidebar lists various resources like 'Fabrikam dev box' and 'Windows Server 2012 R2 Datacenter'. A central 'Essentials' section contains a 'Enable/Disable Schedules' table with two entries: 'Auto-start*' at 08:00 (Mon Tue Wed Thu Fri) and 'Auto-shutdown*' at 21:00. Below this is a note about scheduled times being defined in lab settings. To the right, a modal window titled 'Apply Artifacts' lists a collection of artifacts with their descriptions and repositories. The artifacts include 'Fabrikam Dashboard', 'Fabrikam Finance Interface', '7-Zip', 'Atom', 'Azure PowerShell', 'Chef Client', 'Chrome', 'Clone a git repository', 'Create a web shortcut', 'Download File from URI', 'Download VSTS Drop and...', 'Enable local administrators', 'Fiddler4', and 'Firefox'. Most artifacts are from 'FabrikamPrivateRepos' except for the public repos like 7-Zip, Atom, Azure PowerShell, Chef Client, Chrome, and Firefox. An 'Apply' button is at the bottom of the artifact list.

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourcegroups/xiaoyingtestnewdemolab/providers/Microsoft.DevTestLabs/virtualmachines/DevBox001

Microsoft Azure > FabrikamDemoLab > DevBox001 > Settings

Report bug

Search resources

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Preview UI

DevBox001
DevTest Labs Virtual Machine - PREVIEW

Settings Connect Start Stop Delete Artifacts

Running

Add tiles +

Essentials

Add tiles +

Enable/Disable Schedules

OPT-IN	TIME	NOTES
<input checked="" type="checkbox"/>	08:00	Mon Tue Wed Thu Fri
<input checked="" type="checkbox"/>	21:00	

* The scheduled time of Auto-start and Auto-shutdown are defined in the lab settings.

Add a section +

Settings PREVIEW

SEARCH

SUPPORT + TROUBLESHOOTING

- Troubleshoot >
- Audit logs >
- New support request >

ADVANCED

- Create custom image >
- Create formula >

RESOURCE MANAGEMENT

- Tags >

150%

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourcegroups/xiaoyingtestnewdemolab/providers/Microsoft.DevTestLabs/virtualmachines/DevBox001

Custom Image - Microsoft ...

Microsoft Azure

FabrikamDemoLab > DevBox001 > Settings > Custom Image

Report bug

Search resources

xiaoying@microsoft.com MICROSOFT

Preview UI

DevBox001
DevTest Labs Virtual Machine - PREVIEW

Settings Connect Start Stop Delete Artifacts

Running

Essentials

Add tiles +

Enable/Disable Schedules

OPT-IN	TIME	NOTES
Auto-start*	<input checked="" type="checkbox"/> 08:00	Mon Tue Wed Thu Fri
Auto-shutdown*	<input checked="" type="checkbox"/> 21:00	

* The scheduled time of Auto-start and Auto-shutdown are defined in the lab settings.

Add a section +

Settings PREVIEW

Custom Image Create Custom Image - PREVIEW

Filter settings

SUPPORT + TROUBLESHOOTING

- Troubleshoot >
- Audit logs >
- New support request >

ADVANCED

- Create custom image >
- Create formula >

RESOURCE MANAGEMENT

- Tags >

Name: DevBox001

Description:

* I have run sysprep on the virtual machine.
 Yes No

* Run sysprep on virtual machine.
 Yes No

OK

150%

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourcegroups/xiaoyingtestnewdemolab/providers/Microsoft.DevTestLabs/virtualmachines/DevBox001

Microsoft Azure > DevBox001 > Settings > Create formula

Report bug | Search resources

xiaoying@microsoft.com MICROSOFT

Preview UI Microsoft Azure DevBox001 DevTest Labs Virtual Machine - PREVIEW

Settings Connect Start Stop Delete Artifacts

Running

Essentials

Add tiles +

Enable/Disable Schedules

OPT-IN	TIME	NOTES
Auto-start*	08:00	Mon Tue Wed Thu Fri
Auto-shutdown*	21:00	

* The scheduled time of Auto-start and Auto-shutdown are defined in the lab settings.

Add a section +

Settings PREVIEW

Search resources

Create formula PREVIEW

Name

Description

Filter settings

SUPPORT + TROUBLESHOOTING

- Troubleshoot
- Audit logs
- New support request

ADVANCED

- Create custom image
- Create formula

RESOURCE MANAGEMENT

- Tags

OK

150%

The screenshot shows the Microsoft Azure portal interface. A virtual machine named 'DevBox001' is selected. In the 'Settings' blade, under 'Create formula', a modal dialog is open titled 'Create formula'. It contains fields for 'Name' and 'Description', and a note: 'Create a formula to capture the settings used to create this virtual machine.' The 'Create formula' option in the 'ADVANCED' section of the 'Settings' blade is highlighted. The left sidebar shows various service icons, and the top navigation bar includes 'Report bug' and 'Search resources'.

https://ms.portal.azure.com/#resource/subscriptions/1b06d457-b995-4369-9370-27720b841b20/resourceGroups/xiaoyingTestNewDemoLab/provi

All VMs - Microsoft Azure

Microsoft Azure > FabrikamDemoLab > Settings > All VMs

Report bug Search resources

xiaoying@microsoft.c... MICROSOFT

amDemoLab

+ Lab VM Delete

Add tiles +

NAME	STATUS	AUTOSTART	AUTOSHUTDOWN	BASE
vBox001	Running	Opted-in	Opted-in	fabrikam dev box
vBox002	Running	Opted-out	Opted-in	fabrikam dev box
TestBox001	Stopped	Opted-out	Opted-in	Windows Server 2012 R2 Datacenter
TestLatest0219	Stopped	Opted-out	Opted-in	Fabrikam Latest Testing Build 0219
testVSTSdeploy	Stopped	Opted-out	Opted-in	Windows Server 2012 R2 Datacenter

Add tiles +

Getting started MSDN forum Feedback Add a section +

Settings FabrikamDemoLab - PREVIEW

All VMs PREVIEW

Filter settings

SUPPORT + TROUBLESHOOTING

- Troubleshoot
- Audit logs
- New support request

MANAGE

- Properties
- All VMs
- Artifact repositories
- Virtual networks

VM BASES

- Custom images
- Marketplace images
- Formulas

COST POLICIES

- Cost thresholds

VM POLICIES

NAME	STATUS	AUTOSTA...	AUTOSHU...	BASE
DevBox001	Running	Opted...	Opted...	fabrikam dev box
DevBox002	Running	Opted...	Opted...	fabrikam dev box
TestBox001	Stopped	Opted...	Opted...	Windows Server 2012...
TestLatest0219	Stopped	Opted...	Opted...	Fabrikam Latest Testi...
testVSTSdeploy	Stopped	Opted...	Opted...	Windows Server 2012...

150%

Azure DevTest Labs

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