

DevOps Tools & Cloud Computing

Challenge OdontoPrev

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2TDSPR

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Construção do Resource Group

Microsoft Azure

Search resources, services, and docs (G+)

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Home > Resource groups >

Create a resource group

Validation passed.

Basics Tags **Review + create**

Basics

Subscription	2TDSPPR-552669-MARIAFOGOLIN
Resource group	NIB_Challenge
Region	East US

Tags

NIB	Challenge
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Construção da Virtual Machine

Microsoft Azure

Search resources, services, and docs (G+)

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Home > Virtual machines >

Create a virtual machine

Help me create a low cost VM Help me create a VM optimized for high availability Help me choose the right VM size for my workload

This subscription may not be eligible to deploy VMs of certain sizes in certain regions.

Project details

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

Subscription * 2TDSPPR-552669-MARIAFOGOLIN

Resource group * NIB_Challenge
[Create new](#)

Instance details

Virtual machine name * vm-windows-nib

Region * (US) West US 2

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[Give feedback](#)

https://portal.azure.com/?Microsoft_Azure_Education_correlationId=1fda2d32-69...

Construção dos alerts

Microsoft Azure

Search resources, services, and docs (G+)

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Home > Virtual machines >

Create a virtual machine

Help me create a low cost VM | Help me create a VM optimized for high availability | Help me choose the right VM size for my workload

Configure monitoring options for your VM.

Alerts

Enable recommended alert rules ☒

Alert rules

Alert me if

- Percentage CPU is greater than 80%
- Available Memory Bytes is less than 1GB
- Data Disk IOPS Consumed Percentage is greater than 95%
- OS Disk IOPS Consumed Percentage is greater than 95%
- Network In Total is greater than 500GB
- Network Out Total is greater than 200GB
- VmAvailabilityMetric is less than 1

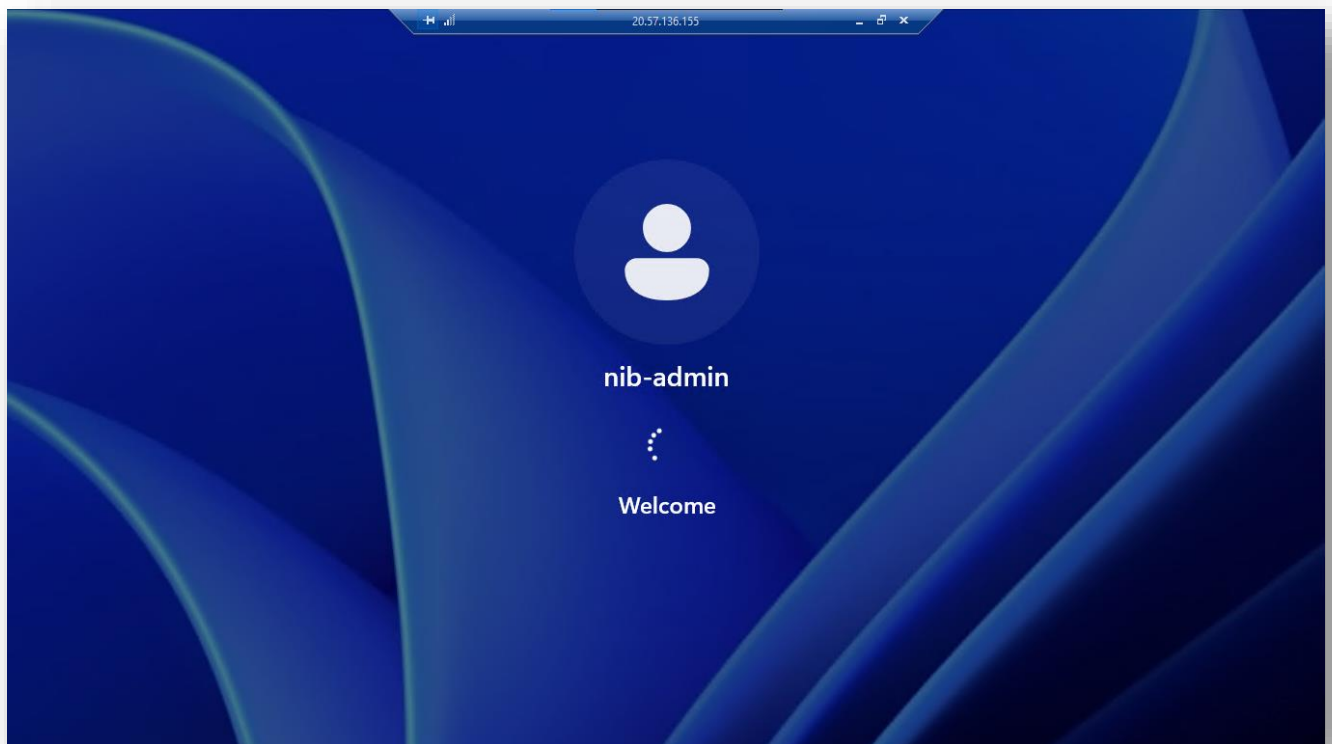
Notify me by

- Email: RM552669@fiap.com.br

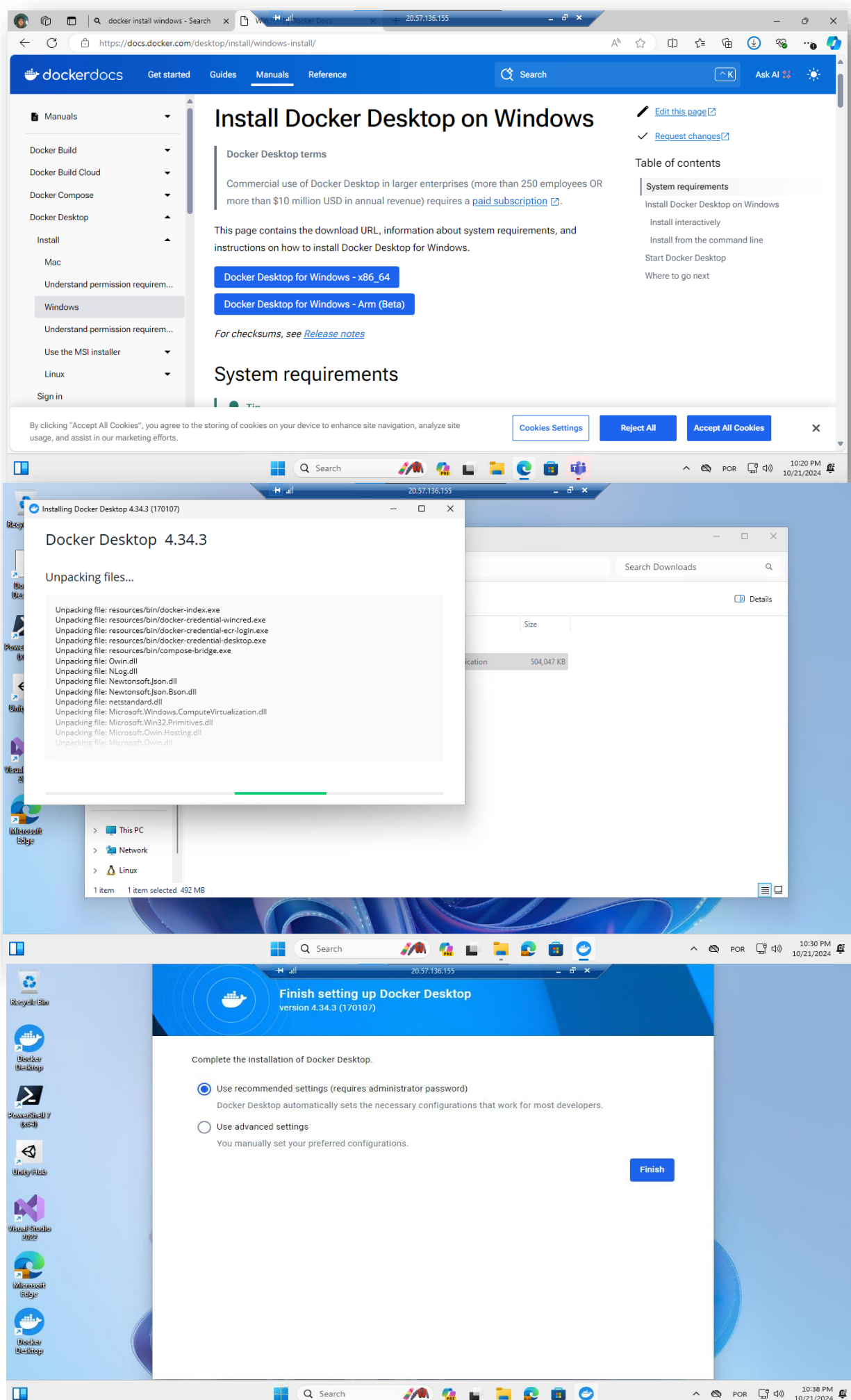
< Previous | Next : Advanced > | Review + create

Give feedback

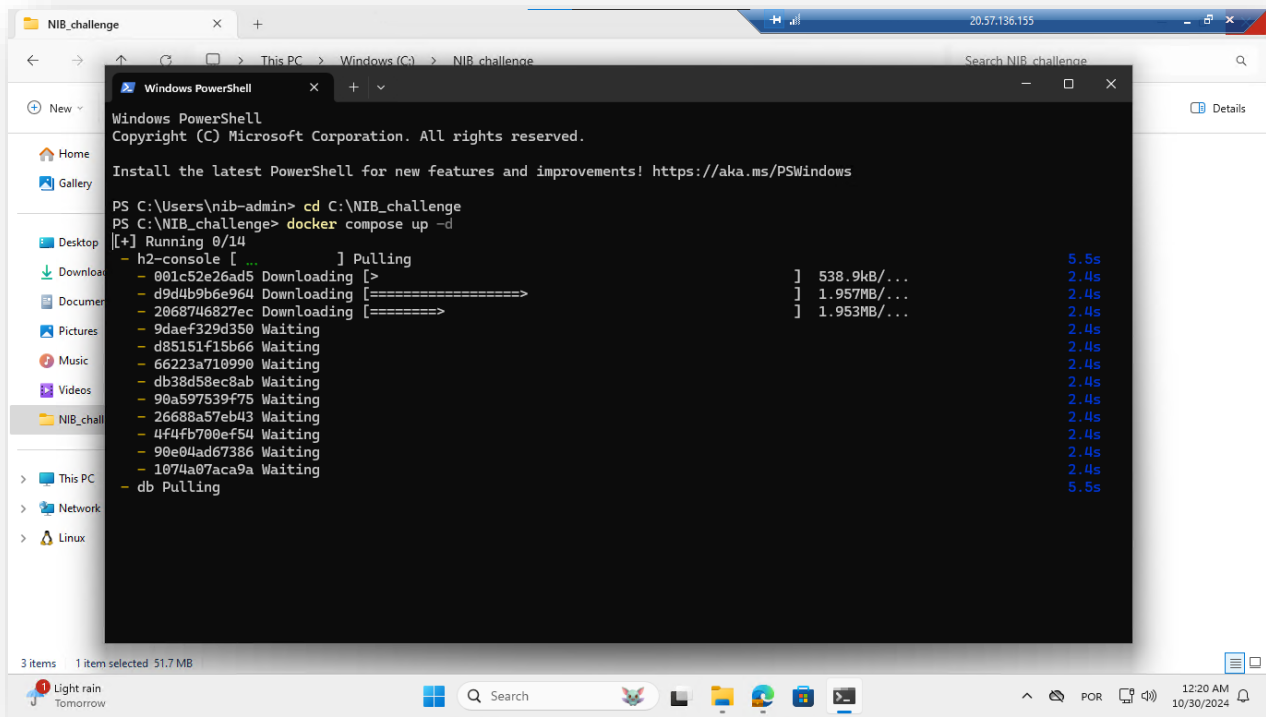
Conexão inicial



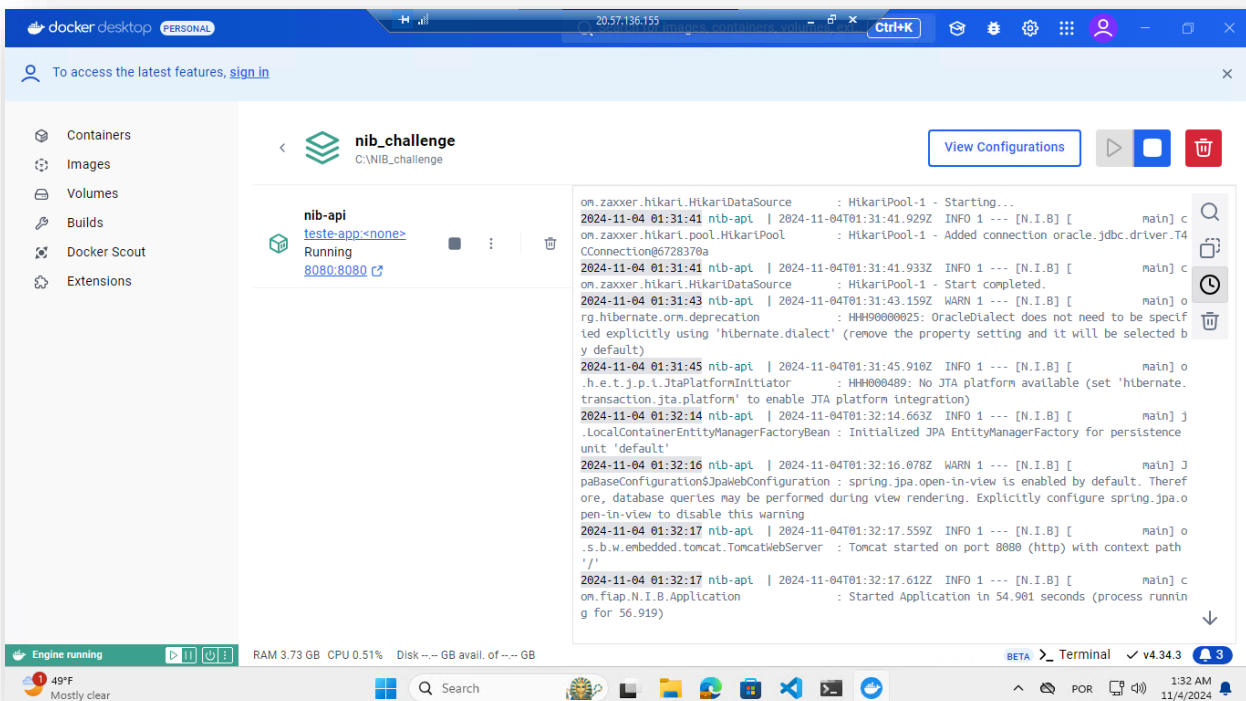
Instalando o Docker Desktop na VM



Build Docker Compose



Inicialização do Container Docker



Testes de POST e GET através do curl

```
Windows PowerShell
+ FullyQualifiedErrorId : System.Net.ProtocolViolationException,Microsoft.PowerShell.Commands.InvokeWebRequestCommand

PS C:\NIB_challenge> Invoke-RestMethod -Uri http://localhost:8080/usuario/criar -Method Post -Headers @{Content-Type="application/json"} -Body '{"cpfUser": "92712116003", "nomeUser": "teste cpf", "sobrenomeUser": "Fogolin", "telefoneUser": 1234567890, "dataNascimentoUser": "1990-01-01", "planoUser": "Premium", "emailUser": "maria.fogolin@example.com"}'

mensagem      usuario
-----
Novo usu rio cadastrado @{cpfUser=92712116003; nomeUser=teste cpf; sobrenomeUser=Fogolin; telefoneUser=1234567890; dataNascimentoUser=1990-01-01...

PS C:\NIB_challenge> curl http://localhost:8080/usuario/todos

StatusCode      : 200
StatusDescription :
Content         : [{"cpfUser":"92712116003","nomeUser":"teste cpf","sobrenomeUser":"Fogolin","telefoneUser":"1234567890","dataNascimentoUser":"1990-01-01","planoUser":"Premium","emailUser":"maria.fogolin@example.com","...
RawContent      : HTTP/1.1 200
                  Transfer-Encoding: chunked
                  Content-Type: application/json
                  Date: Mon, 04 Nov 2024 01:59:04 GMT

                  [{"cpfUser":"92712116003","nomeUser":"teste cpf","sobrenomeUser":"Fogolin","telefoneUs...
Forms           : {}
Headers         : [{"Transfer-Encoding, chunked"}, [{"Content-Type, application/json"}, [{"Date, Mon, 04 Nov 2024 01:59:04 GMT}]]
Images          : {}
InputFields     : {}
Links           : {}
ParsedHtml      : mshtml.HTMLDocumentClass
RawContentLength : 387

PS C:\NIB_challenge>
```

GET através da URL

```
localhost:8080/usuario/todos
localhost:8080/usuario/todos

1 [{"cpfUser":"92712116003","nomeUser":"teste cpf","sobrenomeUser":"Fogolin","telefoneUser":"1234567890","dataNascimentoUser":"1990-01-01","planoUser":"Premium","emailUser":"maria.fogolin@example.com","consultas":[],"endereco":null,"links":[{"rel":"self","href":"http://localhost:8080/usuario/cpf/92712116003"}, {"rel":"all-users","href":"http://localhost:8080/usuario/todos"}]}]]
```

Link para o vídeo:

<https://www.youtube.com/watch?v=lU0sUpgtuHc>

Link para o repositório:

https://github.com/MabeFogolin/NIB_Devop_Sprint2