

Evidências Projeto Devops Fundamentals

- Service Principal:

The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the 'Upgrade' button and a search bar. The left sidebar contains the 'App registrations' menu, with 'sp-azuredevops' selected. The main content area displays the 'Overview' page for the application. It includes a 'Got a second?' message, a 'Feedback' link, and a 'Got a second?' message. Below this, the 'Essentials' section lists key information: Display name (sp-azuredevops), Application (client) ID (cc3bd83e-947e-409c-921e-cf77c7031ba7), Object ID (fa0951db-7567-4e02-a289-08f5fb626482), Directory (tenant) ID (0c7f4e9-dbf-4e4d-b87d-d72f41be9adc), Supported account types (My organization only), Client credentials (0 certificate, 1 secret), Redirect URIs (Add a Redirect URI), Application ID URI (Add an Application ID URI), and Managed application in L... (sp-azuredevops). A 'Get Started' button is visible. Below the essentials, a message states: 'Starting June 30th, 2020 we will no longer add any new features to Azure Active Directory Authentication Library (ADAL) and Azure Active Directory Graph. We will continue to provide technical support and security updates but we will no longer provide feature updates. Applications will need to be upgraded to Microsoft Authentication Library (MSAL) and Microsoft Graph. Learn more'. The bottom section is titled 'Build your application with the Microsoft identity platform' and includes a brief description of the platform and a 'Learn more' link.

- Certificado:

The screenshot shows the Microsoft Azure portal interface, specifically the 'Certificates & secrets' page for the 'sp-azuredevops' application registration. The top navigation bar includes the 'Upgrade' button and a search bar. The left sidebar contains the 'App registrations' menu, with 'sp-azuredevops' selected. The main content area displays the 'Certificates & secrets' page. It includes a 'Got feedback?' message, a 'More content actions' button, and a 'Got feedback?' message. Below this, a message states: 'Application registration certificates, secrets and federated credentials can be found in the tabs below.' The page is divided into three tabs: 'Certificates (0)', 'Client secrets (1)', and 'Federated credentials (0)'. The 'Client secrets (1)' tab is selected. A message states: 'A secret string that the application uses to prove its identity when requesting a token. Also can be referred to as application password.' Below this, a '+ New client secret' button is visible. A table lists the client secrets:

Description	Expires	Value	Secret ID
key-azuredevops	3/18/2024	.KL*****	f5abf63b-0a6e-49ff-a7b4-2e02dd83e1be

- Resource Group:

Microsoft Azure portal view of the resource group **rg-devopstrainingrg2**. The interface shows the left-hand navigation pane with categories like Overview, Activity log, Access control (IAM), Tags, Resource visualizer, Events, Settings, Deployments, Security, Deployment stacks, Policies, Properties, Locks, Cost Management, Cost analysis, Cost alerts (preview), and Budgets. The main content area displays the 'Essentials' tab, showing a table of resources. The table lists one resource: **stdevopstrainingrg2**, which is a **Storage account** located in **East US**. The bottom of the screen shows a Windows taskbar with several open applications, including Documentos, Administrador Win..., rg-devopstraining..., site.tf - TrainingDev..., Google Tradutor, DIO | Codifique o s..., DIO | Codifique o s..., Documento1 - Word, and a system clock indicating 23:45.

- Storage Account & Tags:

Microsoft Azure portal view of the storage account **stdevopstrainingrg2**. The left-hand navigation pane includes Overview, Activity log, Tags, Diagnose and solve problems, Access Control (IAM), Data migration, Events, Storage browser, Storage Mover, Data storage, Containers, File shares, Queues, Tables, Security + networking, Networking, and Front Door and CDN. The main content area displays the 'Essentials' tab, showing a summary of the storage account's properties. The 'Properties' tab is selected, showing details such as Resource group (rg-devopstrainingrg2), Location (East US), Subscription (Desenvolvimento), Subscription ID (6deac8ca-c22d-4b9c-bc60-c95be5ca2ccf), Disk state (Available), and Tags (Ambiente: Desenvolvimento2, Area: Marketing2, Companhia: Training Devops, Integracao: Processo Devops, workspace: default). The 'Blob service' section lists various settings, including Hierarchical namespace (Disabled), Default access tier (Hot), Blob anonymous access (Enabled), Blob soft delete (Disabled), Container soft delete (Disabled), Versioning (Disabled), Change feed (Disabled), NFS v3 (Disabled), and Allow cross-tenant replication (Enabled). The 'Security' section shows settings like Require secure transfer for REST API operations (Enabled), Storage account key access (Enabled), Minimum TLS version (Version 1.2), and Infrastructure encryption (Disabled). The 'Networking' section displays settings such as Allow access from (All networks), Number of private endpoint connections (0), and Network routing (Microsoft network routing). The bottom of the screen shows a Windows taskbar with several open applications, including Documentos, Administrador Win..., stdevopstraining..., site.tf - TrainingDev..., Google Tradutor, DIO | Codifique o s..., DIO | Codifique o s..., Documento1 - Word, and a system clock indicating 23:46.

- Tags:

The screenshot shows the Microsoft Azure portal interface. The left sidebar contains navigation options like Overview, Activity log, Access control (IAM), Tags, Resource visualizer, Events, Settings, Deployments, Security, Deployment stacks, Policies, Properties, Locks, Cost Management, Cost analysis, Cost alerts (preview), and Budgets. The main content area is titled 'rg-devopstrainingrg2 | Tags' and shows a table of tags for the resource group. The tags are:

Name	Value
Ambiente	Desenvolvimento2
Area	Marketing2
Compania	Training Devops
Integracao	Processo Devops
workspace	default

Below the table, there is a summary of the tags applied to the resource group: Ambiente : Desenvolvimento2, Area : Marketing2, Compania : Training Devops, Integracao : Processo Devops, workspace : default. The 'Apply' button is visible at the bottom.

- Apontamento do “Static website” para o arquivo index.html:

The screenshot shows the Microsoft Azure portal interface. The left sidebar contains navigation options like Networking, Front Door and CDN, Access keys, Shared access signature, Encryption, Microsoft Defender for Cloud, Data management, Redundancy, Data protection, Object replication, Blob inventory, Static website, Lifecycle management, Azure search, Settings, Configuration, Data Lake Gen2 upgrade, and Resource sharing (CORS). The main content area is titled 'stdevopstrainingrg2 | Static website' and shows the configuration for the static website. The 'Static website' toggle is set to 'Enabled'. The 'Primary endpoint' is 'https://stdevopstrainingrg2.z13.web.core.windows.net/'. The 'Index document name' is 'index.html'. The 'Error document path' is empty.

- Container com o artefato, criado durante as aulas em outra storage account:

The screenshot shows the Microsoft Azure portal interface. The left sidebar contains navigation options like Overview, Activity log, Tags, and various storage services. The main pane displays the 'Containers' section for the 'stterraformdevops010' storage account. A table lists the containers:

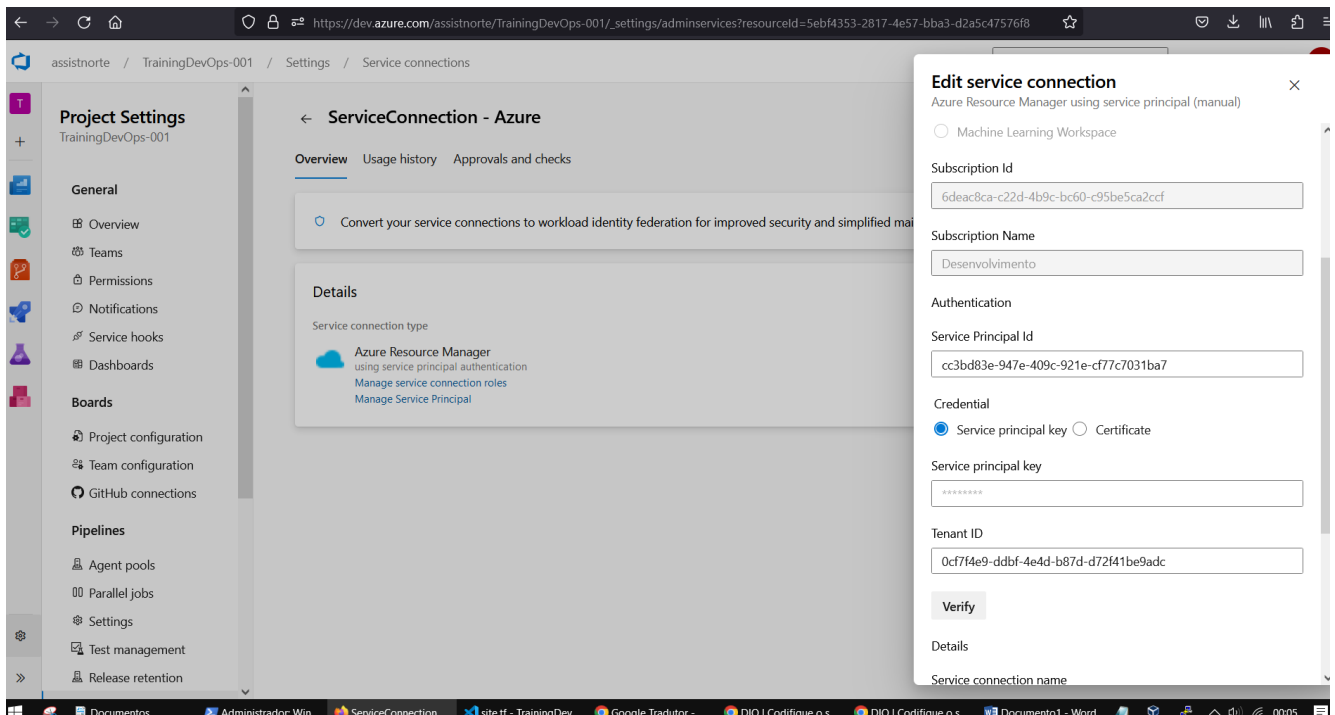
Name	Last modified	Anonymous access level	Lease state
slogs	10/1/2023, 5:44:40 PM	Private	Available
terraform	10/1/2023, 5:47:04 PM	Private	Available

- Artefato:

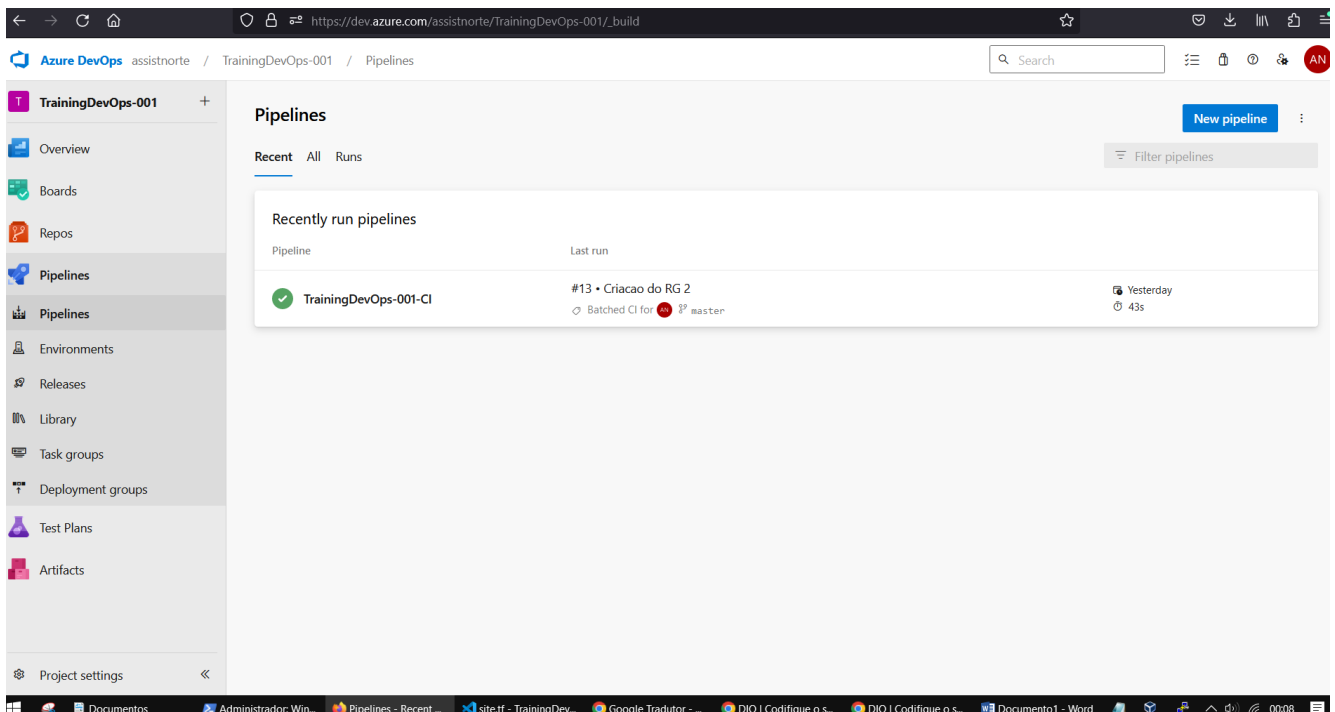
The screenshot shows the Microsoft Azure portal interface, specifically the 'Blobs' view for the 'terraform' container. The left sidebar shows navigation options like Overview, Settings, and Properties. The main pane displays the 'Blobs' section for the 'terraform' container. A table lists the blobs:

Name	Modified	Access tier	Archive status	Blob type	Size	Lease state
PZURL2aGK3xtsJfKOoUsCypfXnvtooUsB2s...	10/1/2023, 7:55:38 PM	Hot (Inferred)		Block blob	180 B	Available

- Service connection no Azure Devops:



- Pipelines:



https://dev.azure.com/assistnorte/TrainingDevOps-001/_build?definitionId=5

Azure DevOps assistnorte / TrainingDevOps-001 / Pipelines / TrainingDevOps-001-CI

TrainingDevOps-001

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TrainingDevOps-001-CI

Runs Branches Analytics

Description	Stages	Run
#13 • Criacao do RG 2 Batched CI for master d2a2f5eb	✓	Yesterday 43s
#12 • Criacao do RG2 Batched CI for master 7cfb254b	✗	Yesterday 24s
#11 • Criacao do RG Batched CI for master 66a632fc	✓	Yesterday 46s
#10 • Tag - Validacoes Batched CI for master c8e5b6c7	✓	Yesterday 57s
#9 • Tag - Storage Account Batched CI for master 9140c03f	✓	Yesterday 43s
#8 • Alterações Batched CI for master 745790b7	✓	Yesterday 33s
#7 • Alteracoes no .tf ok Batched CI for master 08d93e95	✓	domingo 45s
#6 • Alteracoes no .tf Batched CI for master c05371ef	✗	domingo 41s

- Funções do Terraform:

https://dev.azure.com/assistnorte/TrainingDevOps-001/_apps/hub/ms.vss-ciworkflow.build-ci-hub?_a=edit-build-definition&id=5

Azure DevOps assistnorte / TrainingDevOps-001 / Pipelines

TrainingDevOps-001

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TrainingDevOps-001-CI

Tasks Variables Triggers Options History

Pipeline Build pipeline

Get sources TrainingDevOps-001 master

Agent job 1 Run on agent

Install Terraform v1.5.7 Terraform tool installer

Terraform : inicializar Terraform

Terraform : Validade Terraform

Publish Pipeline Artifact Publish Pipeline Artifacts

Terraform

Task version 4.*

Display name * Terraform : inicializar

Provider * azurearm

Command * init

Configuration directory \$(System.DefaultWorkingDirectory)

Additional command arguments

AzureRM backend configuration

Azure subscription * Manage

- Release:

The screenshot shows the Azure DevOps interface for a release pipeline named 'Release pipeline - CD'. The left sidebar contains navigation links: Overview, Boards, Repos, Pipelines, Environments, Releases (selected), Library, Task groups, Deployment groups, Test Plans, and Artifacts. The main content area displays a table of releases.

Releases	Created	Stages
Release-3 13 89 mas...	02/10/2023, 23:07:59	Planejar L... Apicar Inf...
Release-2 11 89 mas...	02/10/2023, 22:42:10	Planejar L... Apicar Inf...
Release-1 11 89 mas...	02/10/2023, 22:18:43	Planejar L... Apicar Inf...

The screenshot shows the 'Release pipeline - CD' editor in Azure DevOps. The left sidebar is the same as the previous screenshot. The main content area shows the pipeline structure with two stages: 'Planejar Infra' and 'Apicar Infra'. The 'Artifacts' section on the left shows 'artefato' and 'Schedule not set'.

```
graph LR; artefato[artefato] --> Planejar[Planejar Infra<br/>1 job, 3 tasks]; Planejar --> Apicar[Apicar Infra<br/>1 job, 3 tasks];
```

← → ↺ 🏠 https://dev.azure.com/assistnorte/TrainingDevOps-001/_releaseProgress?_a=release-pipeline-progress&releaseId=3 ☆ 🔍 Search 📄 📌 🔄 📄 📄 📄

Azure DevOps assistnorte / TrainingDevOps-001 / Pipelines / Releases / Release pipeline - CD / Release-3

TrainingDevOps-001 +

- Overview
- Boards
- Repos
- Pipelines**
 - Pipelines
 - Environments
 - Releases
 - Library
 - Task groups
 - Deployment groups
- Test Plans
- Artifacts
- Project settings

Release pipeline - CD > Release-3 Help

Pipeline Variables History + Deploy Cancel Refresh Edit ...

Release

Continuous deployment
for Assist Norte
02/10/2023, 23:07

Artifacts
artefato 13
master

Stages

Planejar Infra
Succeeded
on 02/10/2023, 23:08

Aplicar Infra
Succeeded
on 02/10/2023, 23:10

Windows taskbar: Documentos, Administrador: Win..., Release pipeline - ..., site.tf - TrainingDev..., Google Tradutor - ..., DIO | Codifique o s..., DIO | Codifique o s..., Documento1 - Word, 00:17