

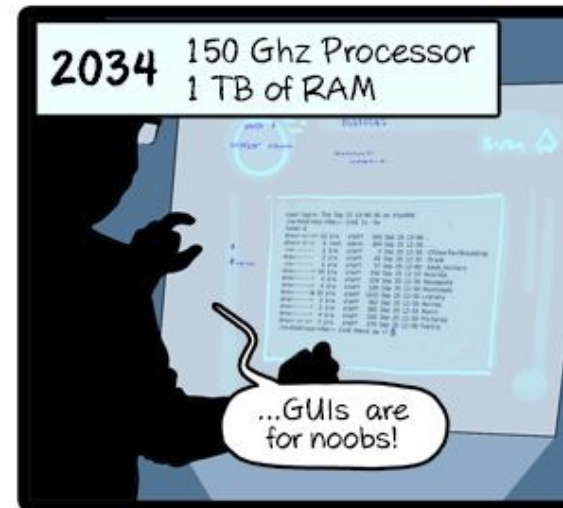
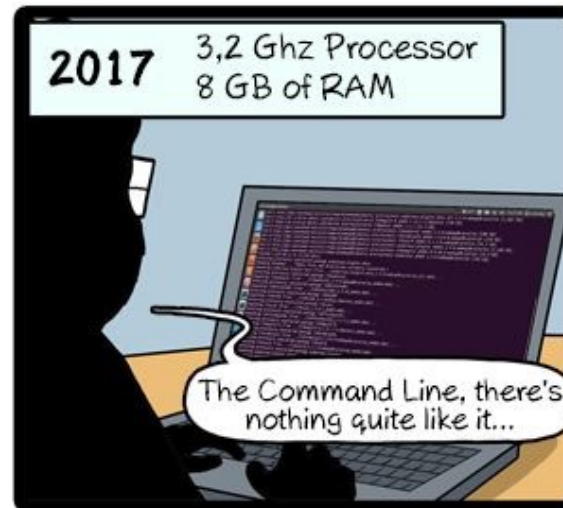
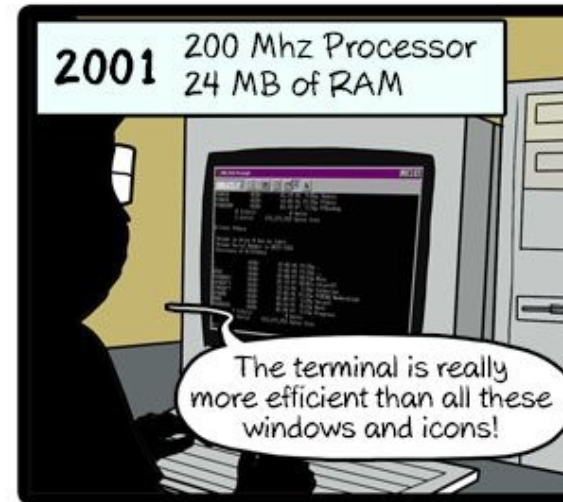
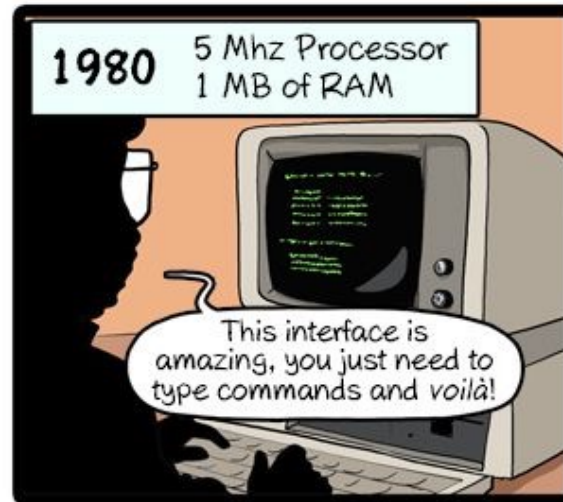


Azure Deployment Stacks



Wat zijn deployment stacks

- Betere manier om resources te deployen
 - State management
 - Resource protection



Migratie van az deployment

```
az deployment group create  
-g {resourceGroup}  
--name {deploymentName}  
--template-file {bicepPath}
```

```
az stack group create  
-g {resourceGroup}  
--name {stackName}  
--template-file {bicepPath}  
--deny-settings-mode None  
--yes
```

Migratie van powershell

AzResourceGroupDeployment

-ResourceGroupName {resourceGroup}

-Name {deploymentName}

-TemplateFile {bicepPath}

Set-AzSubscriptionDeploymentStack

-DeploymentResourceGroupName {resourceGroup}

-Name {stackName}

-TemplateFile {bicepPath}

-DenySettingsMode None

Deployment stacks - cheat sheet

```
az stack [mg|sub|group] create -g {resourceGroup} -name {stackName} --template-file {bicepPath} --deny-settings-mode [none|denyDelete|denyWriteAndDelete] --yes
```

Deleting instead of detaching

Resources: --delete-resources true

Resource groups: --delete-resource-groups true

Both: --delete-all true

!! Stacks cannot delete keyvault secrets. Use Deatch mode if a secret is no longer in a bicep template

--deny-settings-excluded-principals "{p1} {p2}"

Allows specific principals to still perform delete and modify actions even if the deny mode does not allow it. Max 5

!! For service principals use the objectId of the enterprise application

Working with templates

Template file: --template-file

Template url: --template-uri

Predeployed template: --template-spec

Passing param file: --parameters {path to param file}

Passing param cli: --parameters KEY=VALUE KEY=VALUE

Public preview

- Stacks zijn in public preview sinds:
26 Jul 2023

<https://learn.microsoft.com/en-us/azure/azure-resource-manager/bicep/deployment-stacks?tabs=azure-powershell#known-issues>



- <https://github.com/Azure/deployment-stacks>