IT PRO | DEV Connections

12-13.12.2020 | on your screen

Sponsors

PLATINUM

Office line
envision . empower . evolve

GOLD

Microsoft
FORTINET
InTrust
OBRELA SECURITY INDUSTRIES
performance | vmware
LANCOM Data Center · Cloud Service Provider

SILVER

agile actors
ALEF
BlueStream solutions

SUPPORTERS

Greek Scrum User Group — Endorsed by Scrum Alliance
Project Management Institute. Greece
12PM Project Management Services

CONTRIBUTORS

CANDI
fullcounter
ADAPTERA

COMMUNITIES

autoexec.gr
dotNETZone.gr
SQLschool.gr
AzureHeads
Supported by Ministry of Testing
.net
COCOHUB
Greek Digital Community
Hotelier ITPros

MEDIA SPONSORS

ΘΕΜΑ
itsecurity

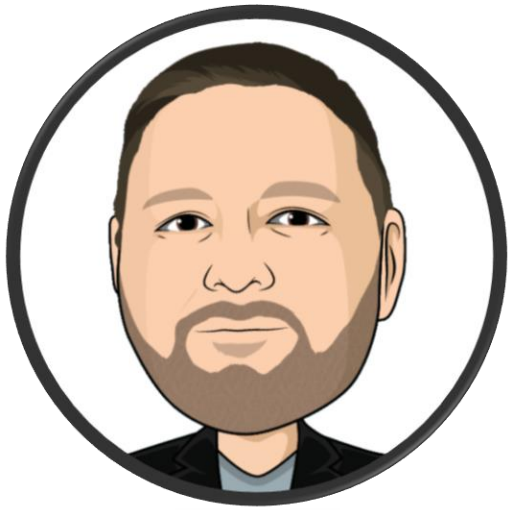
IT PRO | DEV Connections

How to survive Black Friday using VMSS

Vladimir Stefanovic

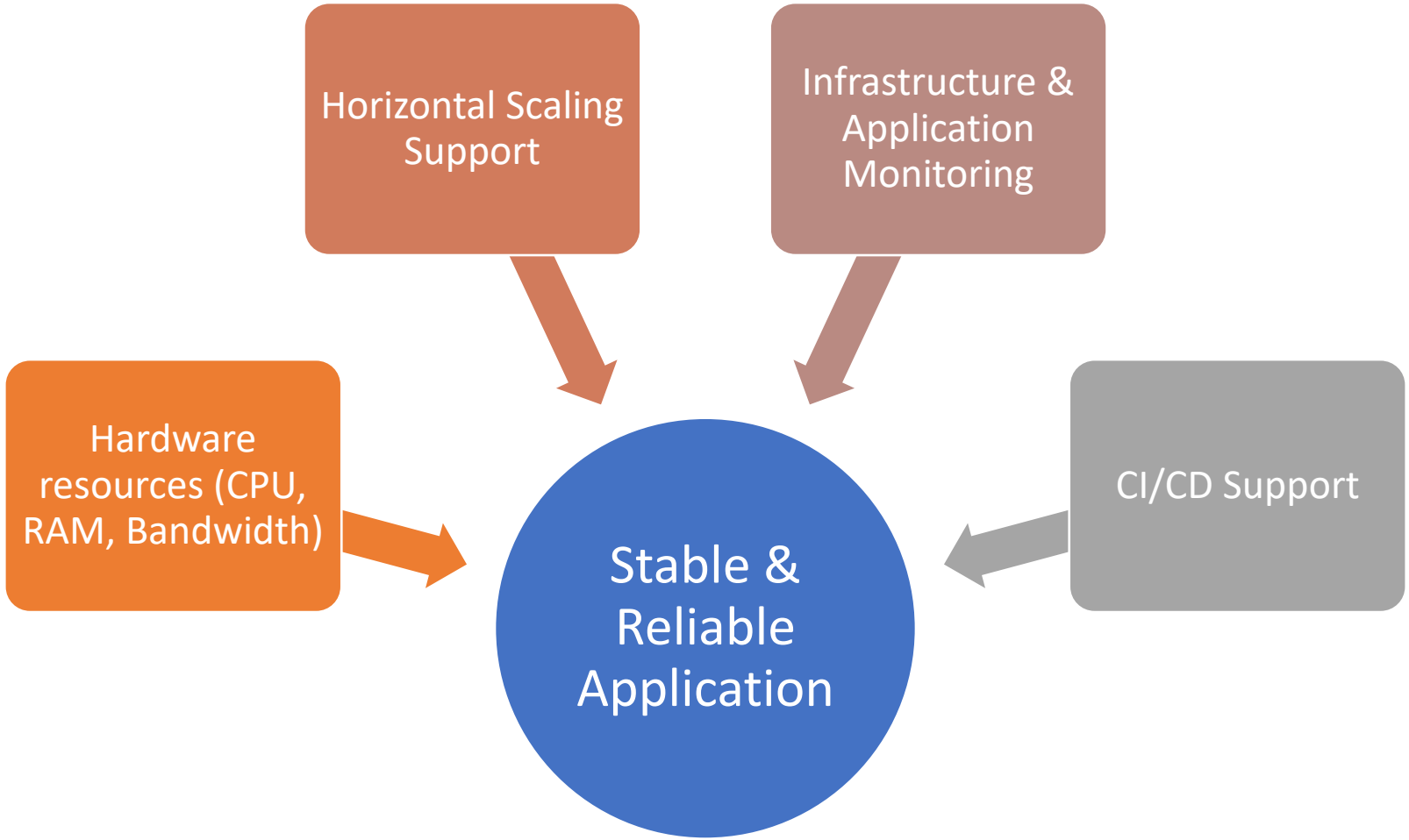
Cloud Solution Architect | Microsoft Azure MVP | MCT Regional Lead | Azure Trainer

Who am I



```
vladimir@Azure:~$ az speaker show
{
  "speakerName": "Vladimir Stefanovic",
  "location": "Belgrade, Serbia",
  "titles": "Microsoft Azure MVP, MCT Regional Lead",
  "position": "Cloud Solution Architect @SuperAdmins",
  "twitter": "@wladinho31"
}
```

What is a stable app (from the infra perspective)?



What cloud-native services could help us?

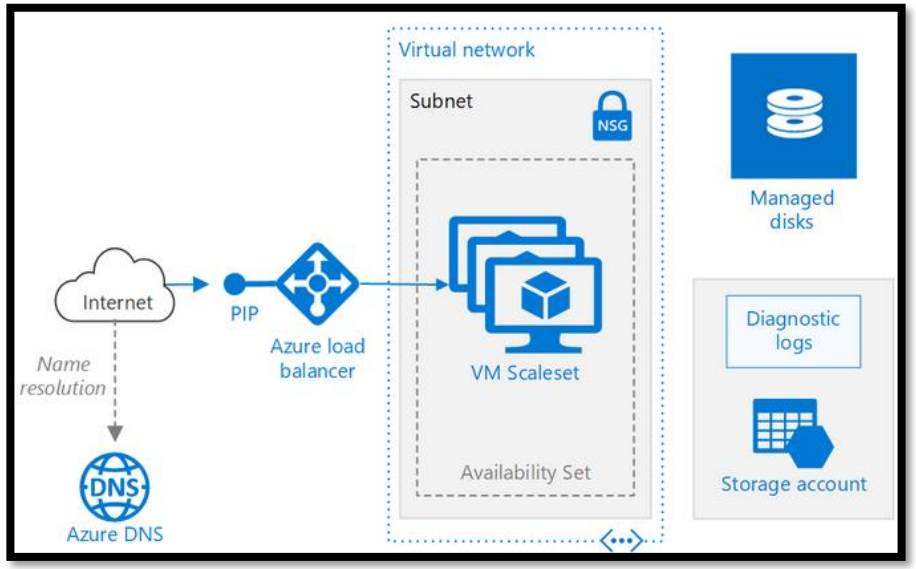
- App Service
- Azure Functions
- Containers / AKS
- Service Fabric
- …

But … What if we cannot use cloud-native services?

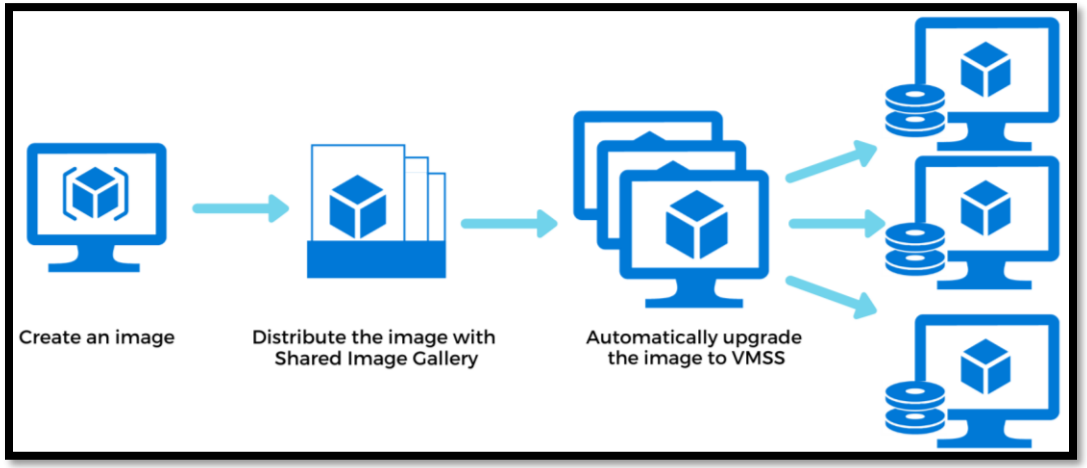
- Reasons:
  - *Old application code*
  - *There is no budget for refactoring*
  - *Custom-written services as an application dependency*
- What can we use?
  - *Azure Virtual Machines*
  - *Azure Virtual Machine Scale Set*

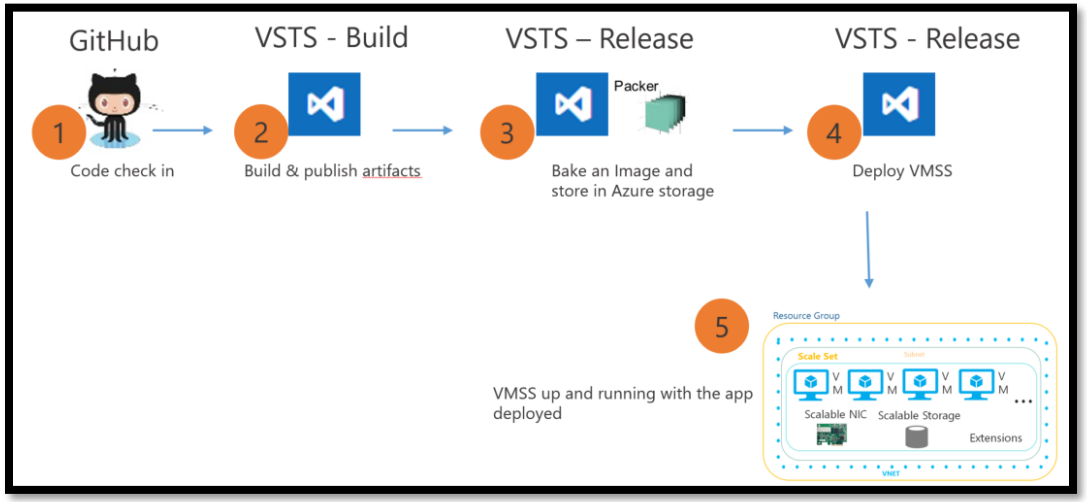
Use VMSS to leverage cloud-native features

- What is the VMSS?
  - *A logical group of the (disposable) virtual machines*
  - *Instances are deployed as a unit (similar to containers)*
  - *Managed service that supports cloud-native features*

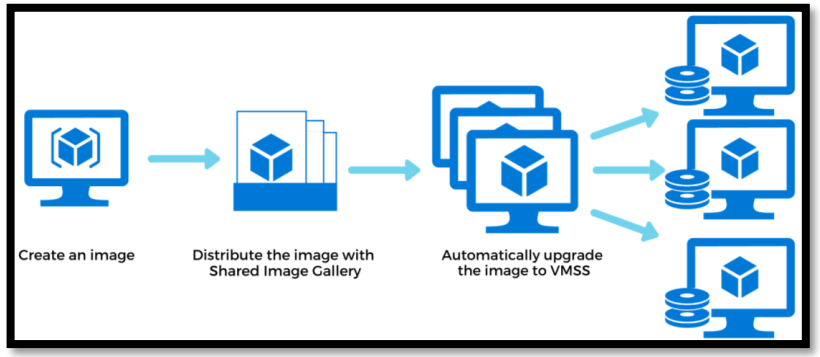


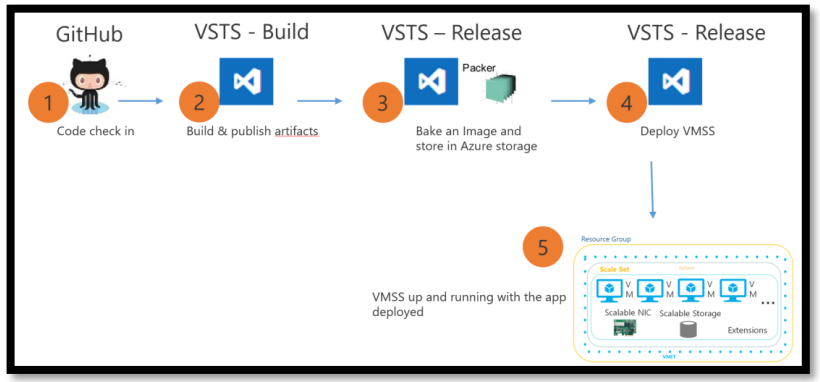
VMSS lifecycle and integrations

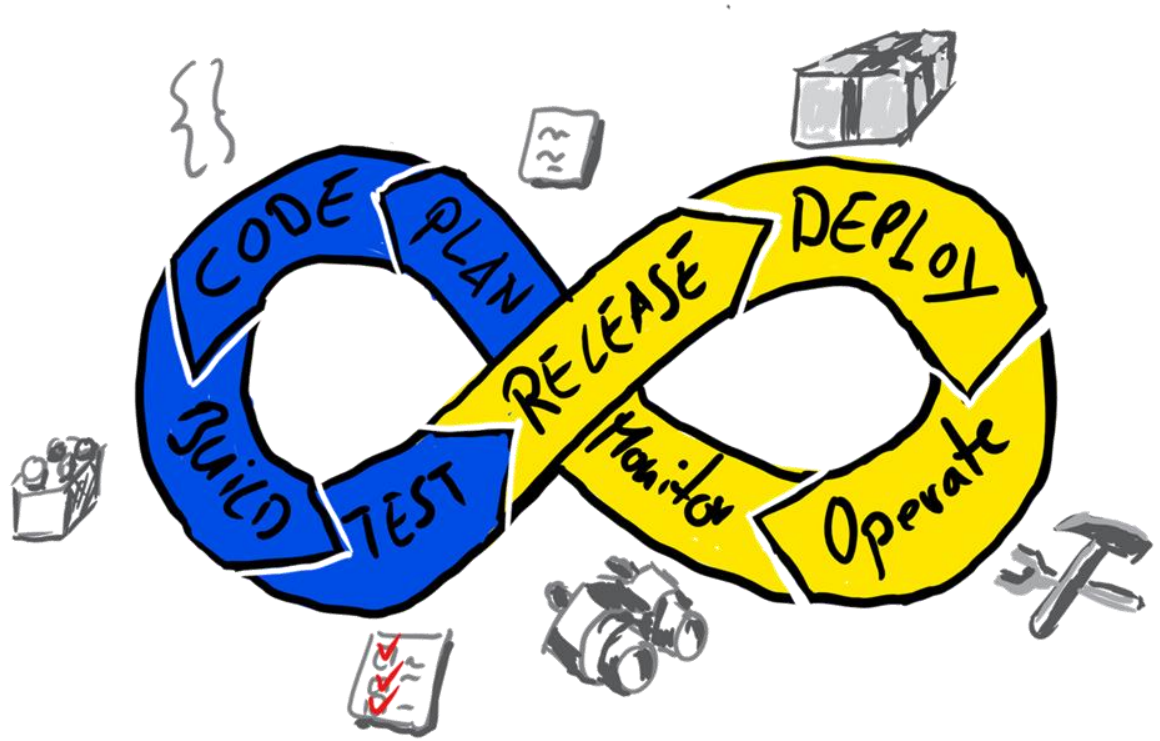




VMSS lifecycle and integrations







DEMO

Deploying, configuring, and maintaining VMSS