# Grab a Stroopwafel while we watch ARM do an automated RDS deployment in Azure IaaS.

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wortell

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# AGENDA

What is ~~a stroopwafel~~ Azure Resource Manager?

Diving into the JSON Template

Demo, results & recap

Questions

# WHAT IS AZURE RESOURCE MANAGER?

- Early days of Azure Service Manager (ASM)
  - Azure Portal
  - PowerShell & CLI

# WHAT IS AZURE RESOURCE MANAGER?

- Azure Resource Manager (ARM)
  - Azure portal v2
  - Organizing resources into groups
  - Role Based Access Control
  - Tags, metadata & transparent billing
  - Declarative ARM (JSON) Templates → Infrastructure as code!

Azure Resource Manager completes the Azure + DevOps story!

# DIVING INTO THE JSON TEMPLATE

- Declarative method for defining Azure deployments
- Source Code Repository (TFS, Git, Github)

AzureDeploy.json

```
{
    "parameters": { },
    "variables": {  },
    "resources": [  ],
    "outputs": { }
}
```
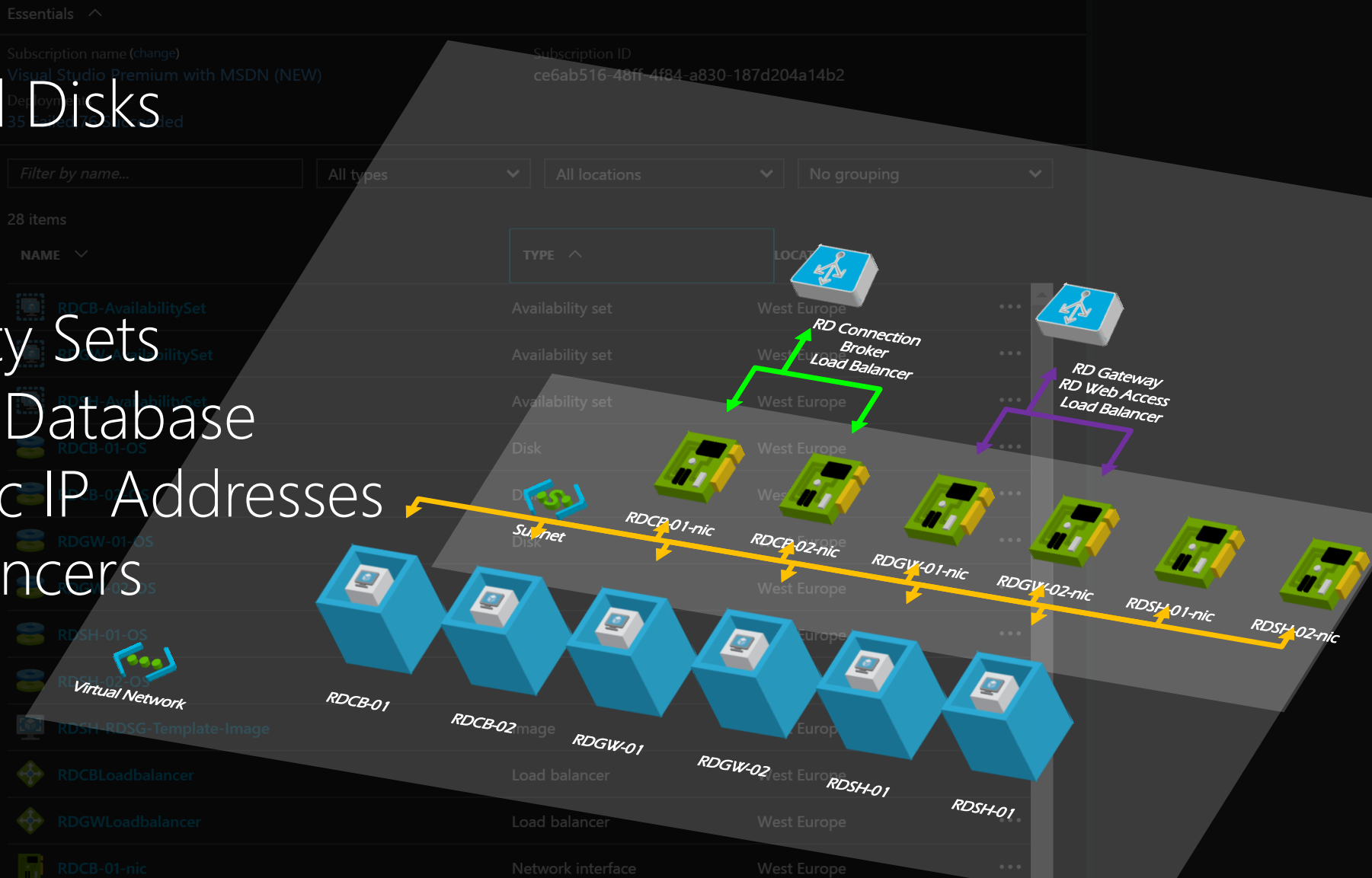
# RECAP, WHAT HAS BEEN CREATED? #1/2

- 6 Managed Disks
- 6 NIC's
- 6 VM's
- 3 Availability Sets
- Azure SQL Database
- Static public IP Addresses
- 2 load balancers



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# RECAP, WHAT HAS BEEN CREATED? #2/2

- All VM's joined to AD Domain
- Anti-virus & Anti Malware configured
- Bginfo configured
- Full HA RDS Deployment
- 2 RD Connection Broker / Licensing
- 2 RD Gateway / Web Access
- 2 RD Session Host
- SSL Certificates configured for all roles
- Session Collection created
- Sample RemoteApp published
- RD Web Access branding
- RD CAP / RAP Policies
- Session Time Out settings configured

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# THANK YOU!

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