



Azure - Administration - Build New Subscription

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Azure - Administration - Build New Subscription

here is to describe all tasks required to make a new subscription usable (or even new environment)

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1. Define naming Convention

Short code for Project (OVH - AAE - SC)

Prefix for Object would be like XXXWEPRD-

2. Resource groups

Create a 1st RG for Infrastructure that will host all infra resources like vnet, nsg, automation accounts....

XXXWEPRD-INF-RG

3. Define Network

ATTENTION: don't put mention of the Region in the Subnet (for ASR)

or something like

- XXX-NEPRD-SNET-FE → in North Europe RG
- XXX-WEPRD-SNET-FE → in both WE and NE (to rebuild VM during ASR)

But requires additional peering then...

Vnet (at least 2 for DMZ + Internal), to be created within INF-RG

- XXX-WEPRDDMZ-VNET → 172.24.127.0/24
- XXX-WEPRD-VNET → 172.24.128.0/21

Publish new tabs in XLS file for each subnets :

Azure - Network - IP File

Liaise with Warren + GVA network team to define scopes

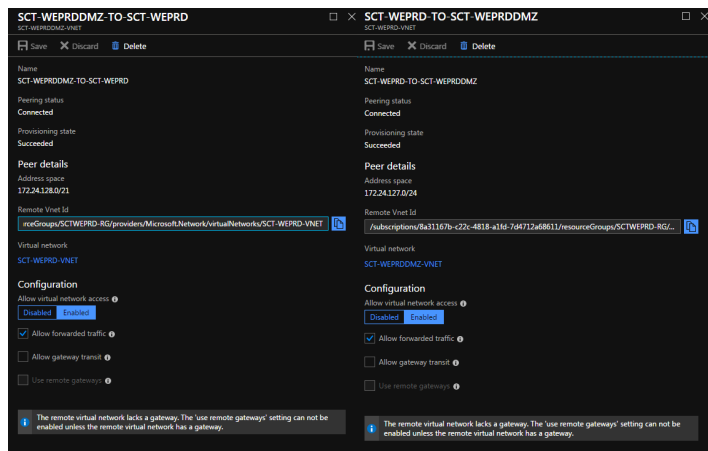
Subnets (4 for internal network)

- XXX-WEPRD-SNET-FE
- XXX-WEPRD-SNET-BE
- XXX-WEPRD-SNET-MID
- XXX-WEPRD-SNET-MGMT

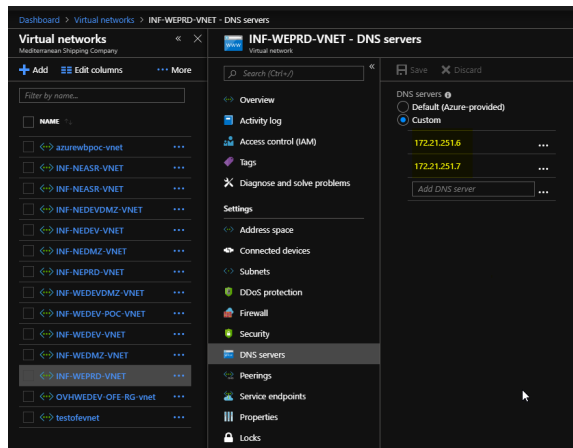
1 for DMZ

NSG currently, any/any just to log traffic

Peering between vnet for communication (usually done by Warren)



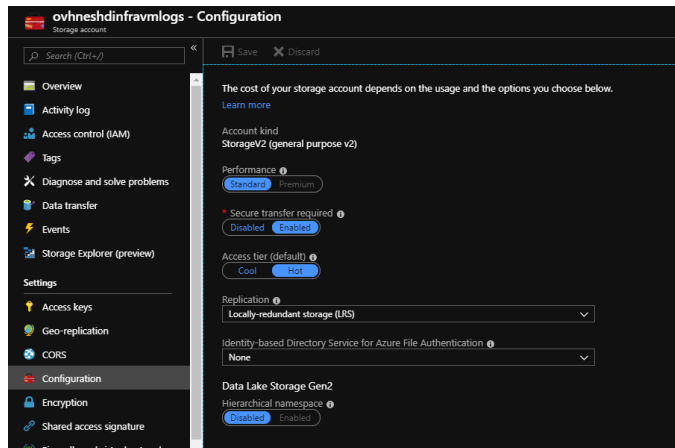
Add DNS entries on Vnet level



3.Storage Account
xxxweprdinfravmlogs

xxxweprdinfransglogs

In INF-RG, example below

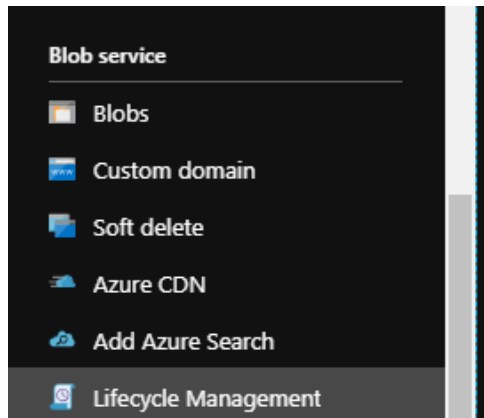


Other storage accounts can be created for SQL backups for example:

[ovhweprdsqstorage](#)

use rundeck script to create container + key for DBA

Set a lifecycle as define here



4.Key Vault

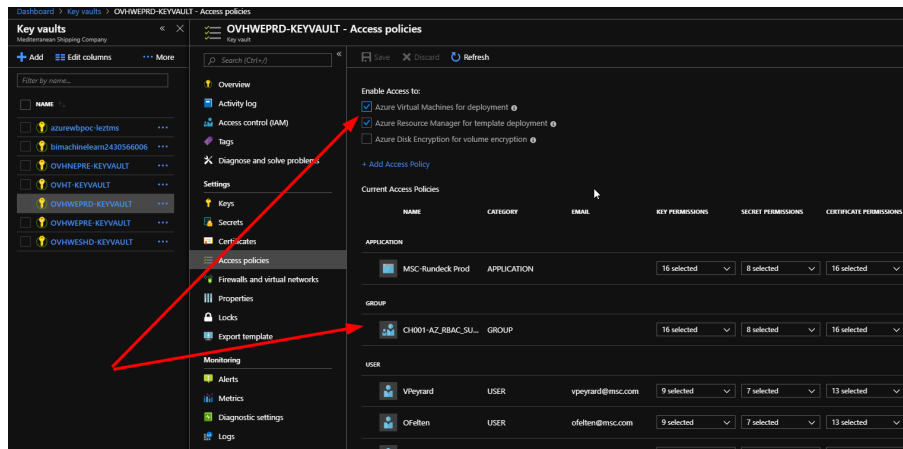
Azure - Administration - Key Vault

SCTWEPRD-KEYVAULT → Contains only local admin password

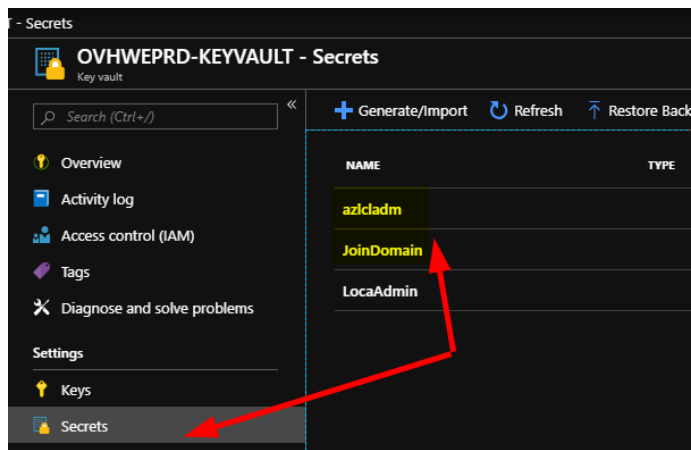
In INF-RG

Add permission to this group

CH001-AZ_RBAC_SUB_43e6_KeyvaultAdmin



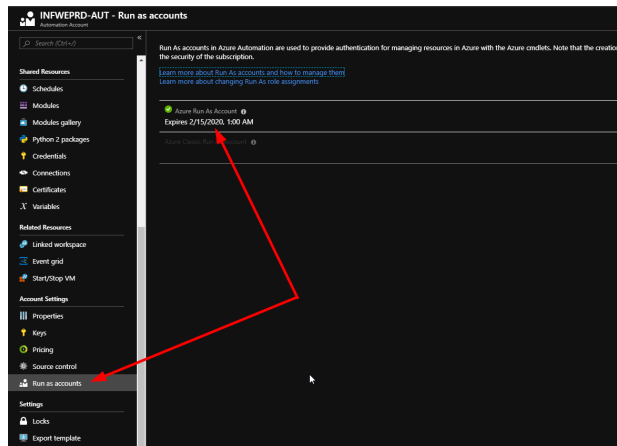
create only 2 keys that will be called within script 022



5.Automation Account

XXXWEPRD-AUT → within INF-RG

RunAsaccount → See with thibault (he has to request Admin right + put him owner temporarily of subscription)



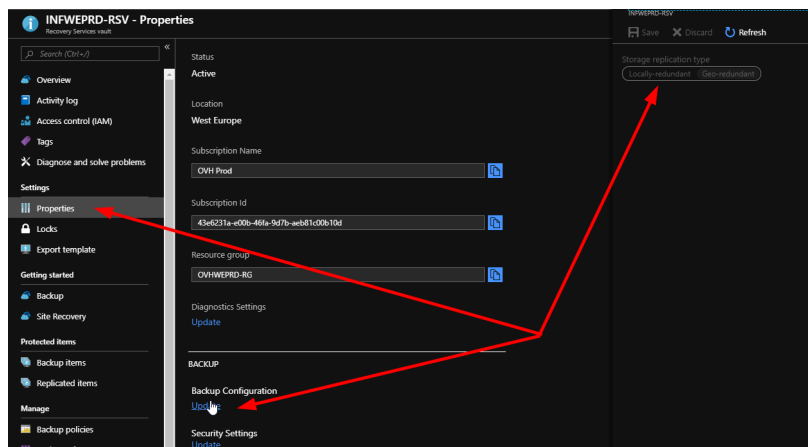
6.Recovery Service Vault

XXXWEPRD-RSV → within INF-RG

- Create policies following your requirements, split groups in 2 so you use Even/Odd for population
- xxxwePrd-30Days01 → 31 days
- xxxwePrd-30Days02 → 31 days

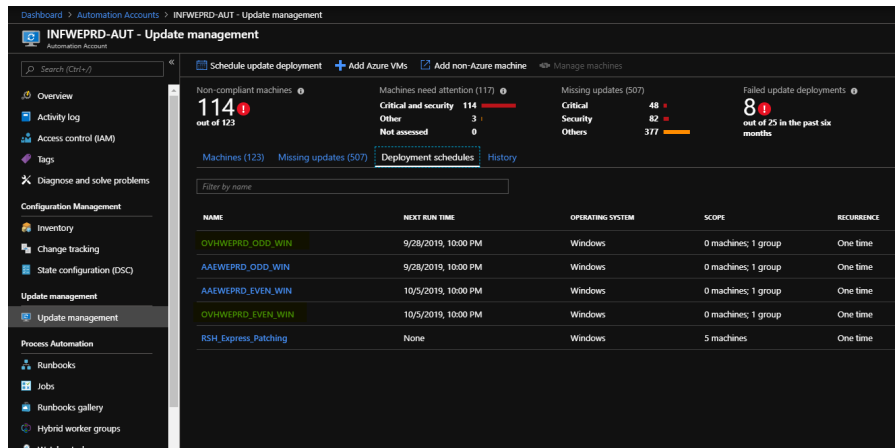
Set locally redundant for non prod environment

Set Geo redundant for Prod



7.Patching

in automation account, create the Deployment schedule with schedule time in 1 year for example, date will be overridden on every patching tuesday

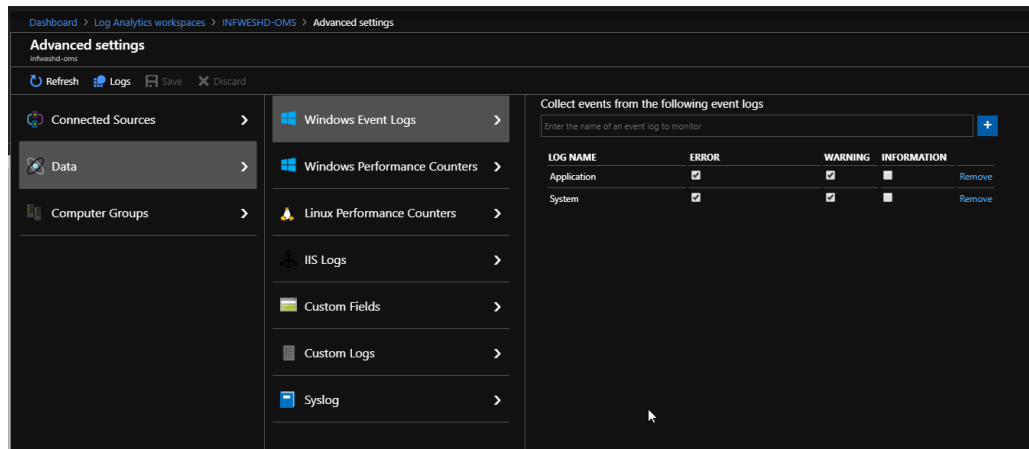
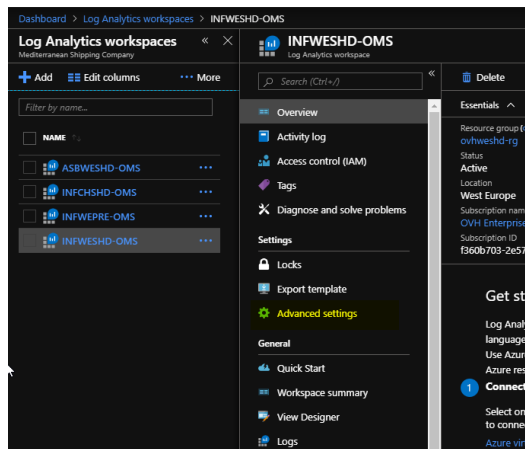


In DevOps, edit 058.PatchingPlanning.ps1 script to add new deployment.

8.Logs Analytics

XXXWEPRD-OMS in INF-RG

Activate logs like



9.VM Deployment Script

edit 022.DeployVmAvailabilityZone.ps1 in dev ops to adjust it to your needs.

Require new template and parameter files

10.Management/Support

11.Application Gateway

see how others were created

[Azure - Administration - Application Gateway \[obsolete doc\]](#)

12.Load balancer

see how others were created

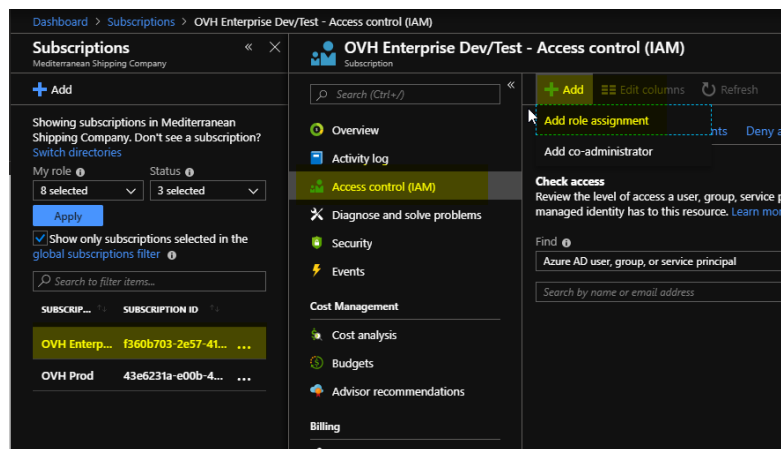
13.RBAC

create groups in **MIM** (ask thibault) and this page. Start with just the 3 following, replace XXXX by the 4 digits of subscription ID

- AZ_RBAC_SUB_XXXX_Owners
- AZ_RBAC_SUB_XXXX_Contributors
- AZ_RBAC_SUB_XXXX_Readers

Azure - Overview - RBAC

then after synchronization (Attention, it will add the prefix CH001-), add them in subscription level



In portal, add as well "MSC-Rundeck Prod" as owner of subscription

14.Backup

[Azure - Backup - Configuration](#)

Add VM in the Backup policy, normally through provisioning script

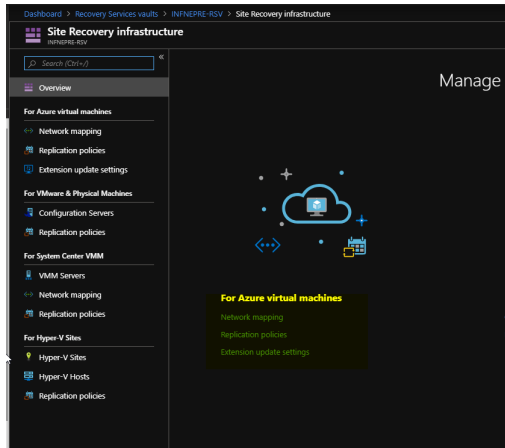
15.DR

For Prod and PRE should be activated during provisioning script.

create RSV in North europe, prepare Vnet/subnet

→ don't put any mention of the region in the Vnet/subnet name to guarantee mapping works.

VNet names can be different in the region, but subnet name should be identicals



Network mapping, easy

Policy → easy

Extension Update settings, requires the help of Thibault, add him as owner of the subscription meanwhile

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