# Create new Cluster Process

## Approval Needed

1. Sent email to Carsten with all the details

Subscription: UEPREPROD01

Resource Group: cmcks-paas-dr-pre-rgp-001

AKS Cluster name: cmcaks-dr-pre-001

EAM ID:  bsn0003630

App name: CloudWorks Disaster Managed Containers

Number of IP address required :  /24 IP range

Hosting environment:  Azure

Hosting Location: West Europe

Target Environment:  test

Resource Group owner:  Carsten

Users who need access: S01248 ,S01416, C12623,P00881

Attached email for reference.



1. Create SNOW ticket to Architecture team

 

They will the provide the shopping cart details, once its ok, IAM team will create new RG group

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Subscription | App name | Hosting environment | Hosting Location | Target Environment | Resource Group | Resource Group owner | EAM ID | Users who need access | Comment |
| UEPREPROD01 | CloudWorks Disaster Managed Containers | Azure | West Europe | Dev | cmcdr-paas-dev-rgp-001 | Carsten Schmitz | bsn0003630 | S01248 ,S01416, C12623,P00881 | Please PaaS Contributor permission to requested users |

1. Create new request for Network team, they provide the Vnet, subnet and IP range



VNET Name - publc-npd-vnet-002

Subnet Name - publc-dev-snet-aks-dr-001

Address Prefix - 10.55.237.0/24



1. Request for CMC-VNETAKS-Contributor on VNEt level, Resource Policy Contributor & Monitoring reader access on resource group level, where Indhu will do the same.





1. ~~If you are unable to create Infrastructure Resource Group due to policy block , then send email to Governance team.~~

## Create cluster and other component

1. Create Log Analytics Workspace cmcdr-loganalytics-workspace – In portal
2. Create Storage Account cmcdraks001stg – In portal
3. Create Managed Identity cmcdr-pre-001-managed-identity – In portal
4. ~~Create AKS Cluster – Through command~~
5. Create AKS cluster using Terraform from Release pipeline
6. Raise request to IAM team to add 3 AAD shared group, in order to add user namespace
7. To apply policy to cluster level I should have Resource Policy Contributor access that provide by IAM team. By default add existing namespace in exception list
8. Authenticate between Kubernet services and ACR should be enabled

Important Note:

Network plugin for windows azure, for linux kubenet none