

Certification Nutanix Cloud Integration with AWS https://squasta.github.io Updated : 4 dec 2024

Section 4 - Manage NC2 on AWS environment

- Identify management tasks for nodes and clusters
 - Add / Remove nodes
 - Create heterogeneous clusters
 - Terminate Cluster
- Monitor cluster and cloud resource health
 - AWS Event in NC2
 - Audit Trail

Section 3 - Configure NC2 on AWS

- Configure cloud networking for User VMs (UVM)
 - Associated Subnets
 - Configure Security
 - AWS Security Group
 - Nutanix Disaster Recovery
 - Video
- Configure security
 - Over L2 stretched network
 - Cluster Protect
 - Data At Rest Encryption
- Troubleshoot connectivity issues

Section 2 - Deploy NC2 on AWS

- Understand and configure MCM Portal (aka NC2 Console)
 - NC2 Console
 - Associated mindmap
 - Video
 - Create Organization
 - Add AWS Cloud Account
 - Configure Identities
 - Understand status in console
 - Manage RBAC
 - At Customer level
 - At Organization level
 - At cluster level
 - User Roles
- Configure cloud provider networking
 - Before NC2 deployment wizard
 - During NC2 deployment wizard
- Deploy the cloud cluster
 - Video
 - General workflow
- Troubleshoot cluster deployment issues
 - Managing Support Authorization
 - Full access to this organization and its accounts
 - Full access without ability to start sessions and manage users
 - No Access

Section 1 - Prepare the AWS Cloud environment

- Prepare the AWS cloud environment
 - Subscribe to the NC2 service
 - 1- Create My Nutanix Account
 - 2- Activate Trial
 - Trial is for 30 days and covers only Nutanix licences
 - 3- (After trial) Manage Nutanix Licences for NC2
 - PAYG
 - License Capacity Reservation
 - Video 1
 - Video 2 - demo
- Understand types of nodes
 - Choose the AWS region
 - AWS tenancy models
 - Shared
 - Dedicated host
- Understand types of storage
 - Active Storage
 - AHV EBS
 - CVM EBS
 - Data - Instance Storage NVMe
 - Data EBS Cloud SSD
 - Passive Storage
 - AWS S3 for hibernation
 - AWS S3 for Cluster Protect
 - AWS S3 for MST DR
 - Video
- Determine implementation requirements
 - NC2 means AHV
 - AWS Roles and IAM permissions
 - Mandatory to run the Cloudformation script
 - Change vCPU quotas limits for AWS Account
- Identify networking requirement
 - If you want to pre create network landing zone before NC2 cluster deployment
 - Will depends on the choosen networking model
 - Flow Virtual Networking
 - For AOS 6.8 or >
Should not be on exam
 - AWS native networking

What is it ?

- A exam to measure your ability to
 - Plan
 - Deploy
 - Configure
 - Manage
- Exam details
 - Format
 - 75 multiple choice questions
 - Time limit : 2 hours
 - English
 - Pricing
 - 199 USD / attempt
- Scheduling and passing the exam
 - Online remote proctoring
 - in-person at select test centers
- Certification validity
 - 2 years

Exam Blueprint Guide

- Based on
 - AOS 6.7
 - Prism Central pc2023.4

Knowledge Objectives

- Section 1 - Prepare the AWS Cloud environment
- Section 2 - Deploy NC2 on AWS
- Section 3 - Configure NC2 on AWS
- Section 4 - Manage NC2 on AWS environment

Official Course

Test drive

- Build A Hybrid Cloud With NC2 On AWS
- Migrate Applications To Nutanix