Nutanix Cloud Cluster (NC2) Console
https://squasta.github.io
Updated: 04 06 2024

- **NC2 Users**
  - Authentication options for NC2
    - Basic (login + password)
    - My Nutanix account
    - Google Authentication
    - SAML2
      - Integrate company's SAML authentication solution with My Nutanix
        - Active Directory
        - Okta
        - Others...
    - API
    - Enforcing some methods is possible
      - If enabled
        - Authentication methods can only be enabled or disabled at the customer or organization level
  - Secure Anonymous
    - Useful option for guest users (not employees, but clients or anonymous users)
    - Large groups of users can be created and used to deliver training and certification tests
  - No IdP usage
    - Anonymous Access Provider
      - To generate token(s) with a defined duration
      - Combined with 1 or more
      - Role(s)
    - Playground
      - Number of tokens to generate
        - Generate up to 100 tokens in a single operation
      - Embedded token in an URL
        - URL starts with https://cloud.nutanix.com/#token=
        - Use the URL copied to your clipboard to access the NC2 console directly
  - Invite specific users to access NC2 portal
  - Support options
    - Authorized Nutanix Personnel (NC2 specialists)
    - Support Authorization
      - Full access to all organizations and accounts
      - Full access, but without the ability to start sessions and manage users
      - No access at all
- **Audit Trail**
  - For administrators to monitor user activity
  - Available at
    - Customer level
    - Organization level
- **Notification Center**
  - Notification Center Widget
  - Email Notifications for Alerts
- **NC2 Workflow summary**
  - 1- Create Azure Subscription or AWS Account
    - Configure Network
  - 2- Creating an organization
  - 3- Creating and configuring NC2 users
  - 4- Connecting a cloud account to NC2
    - Azure
    - AWS
  - 5- Creating NC2 cluster
- **Useful URLs**
  - NC2 console : https://cloud.nutanix.com
  - My Nutanix Account : https://my.nutanix.com
- **User Profile**
  - Identity Provider Protocol
    - Advanced
      - Assertions
      - JSON Web Token (JWT)
  - Built-in NC2 user roles
    - Customer Roles
      - Customer Auditor
        - Read-only access to functionnality at
          - Levels
            - Customer
            - Organization
            - Cluster
      - Customer Security Administrator
        - Access to Audit Trail
        - Can manage authentication providers
        - Can configure and manage SAML2 providers
        - Manage users for organizations and accounts
      - Customer Administrator
        - Highest level of access
        - Can be create only by
    - Organization Roles
      - Organization Administrator
        - Role by default for creator
        - Max 3 Organization Administrators
        - Assign cluster to
      - Organization Security Administrator
        - Access to Audit Trail
        - Can manage authentication providers
        - Can configure and manage SAML2 providers
        - Manage users and accounts
        - Organisation & Cluster Levels
        - Assign cluster to
      - Organisation Auditor
        - Read-only access to functionnality at
          - Levels
            - Organization
            - Cluster
    - Cluster Roles
      - Cluster Administrator
      - Cluster Super Admin
        - Can open, close, or extend a Support Tunnel for the Nutanix Support team.
      - Cluster Auditor
        - Read-only access to functionnality at cluster level
      - Cluster User
        - Can access clusters assigned to them by Cluster, Organization, or Customer Administrators
- **Customer**
  - Is the tenant (or Nutanix account) that was used to set up and subscribe to NC2
  - The highest business entity in the NC2 platform
  - A default customer is created for you
    - It is not possible to create manually new customer
  - Contains 1 or more
    - **Organization**
      - Allows to segregate clusters based on specific requirements
      - Allows to set up unique environments for different departments in a company
      - Add cloud accounts
        - AWS
          - Update/Recreate AWS Stack (CloudFormation template)
        - Azure
  - Contains 0 to n
    - **Clusters**
      - Are created in
      - Terminating a Cluster
      - Properties
        - Licensing Details
        - Azure Events
          - Instance Retirement
          - System reboot
          - Instance Stopped
          - Instance Terminated
        - Notification center
        - AWS Events
          - Instance Retirement
          - System reboot
          - Instance status impaired
          - System status impaired
          - Instance Stopped
          - Instance Terminated
  - **Cloud account(s)**
    - Type
      - Azure Subscription
        - All supported regions
      - AWS Account
        - Selected Regions
    - Can be added to
      - Customer level
      - Organization level
    - Statut
      - R = Ready
        - A = Actived
        - Can be reactivate
        - D = Deactived
          - Only if no resources are used
      - U = Unavailable
        - NC2 portal is unable to communicate with the cloud account
        - Reconnect Option in ellipsis button