On-Prem AD Migration Assessment Process

Version 1.0

Date: 30 March 2023

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# Version History

Document Control:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ***Name*** | ***Version*** | ***Date*** | ***Status*** | ***Description*** | ***US No#*** | ***Author*** | ***Comments*** |
| 1. Modify Existing DC and AD. 2. Fresh DC creation and AD Migration | 1.0 | 30/03/2023 |  | On-Prem AD Migration Assessment Process | NA |  | Initial draft |

Review Sign-off:

|  |  |  |  |
| --- | --- | --- | --- |
| ***Name*** | ***Role*** | ***Signed*** | ***Date*** |
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# 

# Objective

An Active Directory migration can be complex and difficult. The goal for most organizations is to provide seamless access to data and services for all users during and after the migration and minimize the impact of the migration on the production environment.

* Evaluate business requirements for Active Directory migration.
* Read access of   
  a. Domain controller   
  b. Active Directory with export option enabled  
  c. Azure portal.
* Inventory of all servers with role and permission
* Step 1- Fix single label domain and get Azure AD syncing.
* Step 2- Discovery/Assessment

# Scope

# Requirement Understanding:

# Step 1- Fix single label domain and get Azure AD syncing.

* Customers have superior.com domain at present configured in Active Directory domain controller.
* Customers want to change domain controller to superiorairparts.com domain.
* Customers have 200+ user which need to migrate from superior.com to superiorairparts.com.
* Post domain change, new domain - superiorairparts.com must sync over azure AD.

# Step 2- Discovery/Assessment

* Need to discover the customer infra & environment to understand the current landscape.
* To get the idea on existing network flow & data flow.
* To understand the risk & dependencies.
* Based on the understanding we can propose the Plan for this ADDC migration.

# Roles and Owners

The live communication assessment process involves the following roles and owners.

|  |  |
| --- | --- |
| **Roles** | **Owner** |
| DGM Cloud Operation CXIO | Deepak Rajguru |
| Business Manager-CXIO | Aniket Survey |
| Customer Vayu Group | Vinay Ravishankar |

# Responsibilities and Process

Following are the responsibilities and process to be followed by the respective owners.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Prerequisites** |  |  |
| Sr. No | **Task** | **Owner** | **Efforts in days** |
| 1 | Evaluate business requirements for Active Directory migration | Customer | 1 |
| 2 | Read access of  a. Domain controller  b. Active Directory with export option enabled c. Azure portal | Customer/CXIO | 1 |
| 3 | Inventory of all servers with role and permission | CXIO | 1 |
| 4 | Perform an audit on the existing Active Directory infrastructure |  | 4 |
| 5 | Provide a plan for the implementation process - include details of in-scope & out -of -scope |  | 2 |
| 6 | Note:- If we failed to fetch the required details using read-only access, then required Administrative privileges. |  |  |
|  |  |  |  |
|  | **Total Time:-** |  | 9 |