



VxCloud Office 365

VxCloud have a unique services that is focused on providing end to end Cloud Managed Services supported by the VxCloud Managed Software Defined Cloud WAN (SD-WAN) that is changing the way clients are accessing cloud applications.

If you are an organization and need to take advantage of O365 services, VxCloud Provides the migration, deployment and support for O365 as part of the VxCloud Cloud Service Provider managed program.

Our approach to O365 and Cloud Services is to provide a networking foundation to improve the user Quality of Experience. Quality of Experience (QoE) is based on our SD-WAN Hosted in South Africa and utilises additional internet connectivity mediums to support O365. This cloud strategy has improved QoS and provide advanced QoE.

Clients with MPLS or Diginet networks can benefit from the SD-WAN service by creating an overlay network that is integrated and non-intrusive on the MPLS network but adds the additional bandwidth and traffic routing to provide secure and fast access to O365.

Clients have realized that the more services consumed from O365 and Azure the bigger the bandwidth and network issues become. Upgrading the MPLS or Fibre network is not always cost effective especially when the architecture is still a central internet access model. VxCloud can now provide secure access to internet traffic and utilise the available internet services in a specific city, town and suburb to enhance O365. Microsoft recommends that having the fastest path to the cloud would be by using the closest internet access point.

VxCloud O365 deployment strategy and approach is part of a bottom up approach with our “Cloud Networking to Perfection” solution.

VxCloud proposed cloud migration approach:

Onsite assessment – Create an understanding of the clients current and future Microsoft O365 cloud needs. Document the O365 CSP (Cloud service Provider) and licensing requirements.

Create the Cloud SD-WAN strategy to support the proposed Microsoft O365 roadmap and the O365 applications to be utilized.

The development of a proper Active Directory integration strategy including Microsoft cloud single sign-on services and the deployment and setup of the Azure Active Directory integrated services. Azure AD Connect comes with several features that can be applied to the clients O365 and onsite Active Directory. We can provide guidance for the deployment and different integration and hybrid scenarios and topologies.

The configuration can be setup for filtering when clients want to limit which objects are synchronized to Azure AD. By default all users, contacts, groups, and Windows 10 computers are synchronized. We can assist clients to change the filtering based on domains, OUs, or attributes.

The following are features configured as part of the VxCloud Azure AD connect service:

- Password synchronization synchronizes the password hash in Active Directory to Azure AD. The end-user can use the same password on-premises and in the cloud but only manage it in one location. We can provide guidance where the on-premises Active Directory is set as the authority, clients can also use their own password policies.
- Password write back will allow clients and users to change and reset their passwords in the cloud and have your on-premises password policy applied.
- Device write back will allow a device registered in Azure AD to be written back to on-premises Active Directory so it can be used for conditional access.
- Prevent feature is turned on by default and protects your cloud directory from numerous deletes at the same time. By default it allows 500 deletes per run. You can change this setting depending on your organization size.
- Automatic upgrade is enabled by default for express settings installations and ensures your Azure AD Connect is always up to date with the latest release

The function of VxCloud as a Microsoft Cloud Service Provider (CSP) is to provide assessments, designs, migration and deployment of the full O365 suite. Our O365 service includes the following services:

- The clients DNS (Domain Naming Services)
- The best possible email and data migrations
- The enablement and deployment of Office ProPlus that also includes the Office updates
- Perform bulk users setup and data migration
- The configuration of One Drive for Business as a secure and fast file and data share service
- Enablement of Skype for Business including enabling PSTN voice and onsite telephony services deployment (Skype for Business Phones and Skype for Mobile device deployment)
- SharePoint in the Cloud – the providing clients with intranet and HR solutions
- The continues management of the client infrastructure to support O365 Quality of Experience and networking freedom