Microsoft Cloud PC Jumpstart

The objective of this project is to provide the customer with implementation services for the Choice Solutions Microsoft Windows 365 Cloud PC Jump Start offering. The Jump Start offering consists of a critical design thinking workshop, along with implementation services to assist the customer with configuring Windows 365 CPC with the associated Intune integration and policies to deliver a Choice Solutions 'optimized M365' 11 Marketplace or Customized CPC Desktops. CPC is a fully hosted Microsoft Desktop as a Service (DaaS) offering built-in Backup, Self-Service Restore, and optional Cross Regional Business Continuity and Disaster Recovery (BCDR) Capabilities. CPC is 1:1 persistent desktop intended to be treated and managed like physical desktops in the cloud. Intune is leveraged for provisioning, managing, and operational aspects of the CPC solution.

This Jump Start offering assumes the customer has an existing Entra ID and Intune tenant. If either does not exist, they can be added as part of optional Jump Start services to ensure the CPC Jump Start can be successfully implemented.

Two deployment methods for the CPC Jump Start offering are available, both will be referenced throughout this Jump Start SOW and covered in-depth during the CPC Workshop. Depending on the initial scoping, one or both methods may be implemented to fully evaluate CPC. Efforts will vary based on the deployment method chosen.

1. Microsoft-Hosted Network (MHN): This option focuses on Microsoft's recommended Zero Trust Framework and Principles for CPC. In this deployment method, the typical Azure Landing Zone is not required. All CPC Compute is hosted in the MHN, with zero line of sight to existing networking or traditional Active Directory Services. This is an isolated environment, ideal for Microsoft 365 and SaaS-hosted applications. If internal access is needed for applications or file services, a clientless, full VPN or remote delivery solution must be hosted inside the CPC desktop. MHN supports Entra Join for identity services and SSO, with Entra Conditional Access methods/policies serving as the front door for CPC.
2. Azure Network Connection (ANC): This option requires an Azure Landing Zone and provides control over the desired Virtual Network (VNet) and security principles for these CPC desktops. Microsoft is still responsible for hosting the Compute, but the Azure Virtual Network Card object will exist in the customers Azure Subscription, ensuring full control over egress traffic from the CPCs. SSO is supported for on-premises resources in both Entra and Hybrid Join scenarios. ANC offers both Entra Join and Hybrid Join capabilities for identity services and SSO, with Entra Conditional Access methods/policies serving as the front door for CPC.

Unlike a proof of concept, the result of this CPC Jump Start is to provide the customer with a scaled-down environment that allows for full pre-production functionality testing of the CPC environment while at the same time allowing for expansion to full Pilot and Production capabilities if desired. Phase One will include CPC features/functionalities review to allow the customer to understand the full potential of CPC as a hosted Desktop Solution.

This CPC Jump Start will include the following high-level objectives:

Jump Start Design & Planning/Critical Thinking Workshop including:

- Solution design overview – creating the building blocks for a successful Jump Start
- Overview of CPC components including overall Azure environment for CPC, Provisioning Policies, Identity, Intune integration, Image Management, etc
- Review RBAC for CPC Deployment
- Review Architecture, and Key Deployment Options (HMN, ANC)
- CPC Features/Functionalities/Entitlement use case mapping
- Review CPC licensing, determining best SKU/size, and functionality overview
- Moving to next steps beyond Jump Start – recommendations and open discussion

CPC Jump Start Readiness & Deployment

- If applicable, standup self-contained Azure environment or utilize existing Azure environment (Virtual Networking, Entra ID, VPN Gateway, etc.) to host CPC Desktops
- Work with the customer to acquire CPC licensing to support Jump Start and allocate to pre-determined Jump Start users
- Review existing Entra ID & Intune setup for CPC deployment pre-requisites and planning discussions
- Review additional W365 capabilities:
  - W365 Boot, W365 Switch, Autopatch, etc.
  - Citrix HDX+ Partner Connectors and Capabilities
- Review Windows App & Remote Desktop Client
- Create provisioning policies per Jump Start scoping
  - Windows 11 M365 marketplace image
  - Create up to 10 CPC Desktops
  - Chose integration method(s) based off Jump Start scoping
- Licensing Assignment, Identity Sync, and Conditional Access Config
- CPC Device Management Baseline (RDP Shortpath/Properties, Redirections, Water Mark etc)
- If applicable, Citrix HDX+ for W365 Cloud PC integration